

Diego Gonzalez

1) Family number: 42523644 (US2008284161A)

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Title: PIPE COUPLING HAVING MOVABLE GRIPPING BODIES

Abstract: A coupling for securing pipe elements together in end-to-end relation is disclosed. The coupling has segments joined end-to-end by adjustable connection members. The segments surround a central space which receives the pipe elements. One or more gripping bodies are captured between the segments. The gripping bodies are arranged opposite to each other. The segments have angularly oriented reaction surfaces on the connection members. The gripping bodies have angularly oriented contact surfaces which interface with the reaction surfaces. When the segments are drawn toward each other by the connection members, interaction between the reaction surfaces and the contact surfaces forces the gripping bodies radially inwardly. Inwardly facing arcuate surfaces on the segments and the gripping bodies engage and retain the pipe elements.

Classifications:

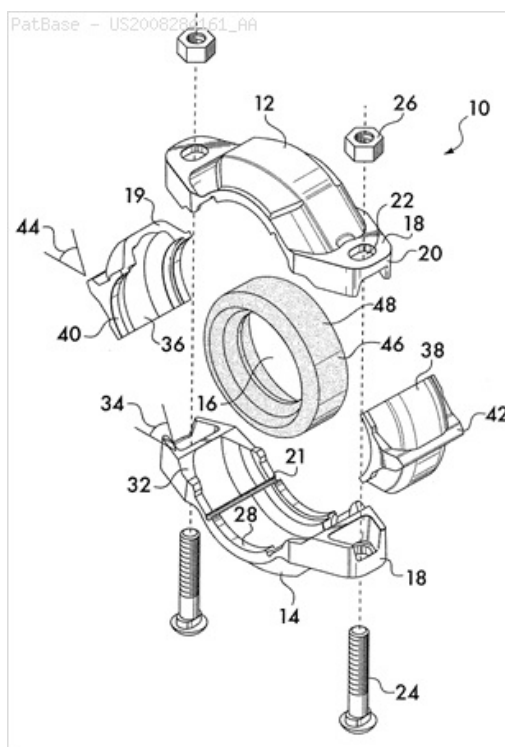
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International (IPC 1-7): F16L17/06

CPC: F16L17/04 F16L21/065 F16L21/08 F16L23/08 F16L23/18 Y10T29/49947 Y10T29/49948 Y10T29/49963 Y10T29/53987

European: F16L17/04 F16L21/06B F16L21/08 F16L23/08 F16L23/18

US: 285/148.28 285/148.280P 285/148.8 285/148.800P 285/253 285/337 285/337P 285/367 285/368 285/411 285/412 285/420 29/282 29/525.01 29/525.02 29/525.11



Family:

Publication number	Publication date	Application number	Application date
AU2008255079 AA	20081127	AU20080255079	20080514
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Priority:

US20070938003P	20070515	US20080119661	20080513	AU20080255079	20080514
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Probable Assignee: VICTAULIC CO

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

2) Family number: 67491580 (US2017328500A)

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Title: SPRUNG COUPLING

Abstract: A coupling has first and second segments attached to one another end to end surrounding a central space for receiving pipe elements. A spring assembly attaches the segments at one end and an adjustable attachment assembly attaches the segments at the opposite end. The spring assembly biases the segments away from one another sufficient to permit insertion of the pipe elements into the central space while the segments are attached to one another. The coupling may include a split ring toothed retainer for coupling plain end pipe elements, or it may have arcuate keys which engage grooved or shouldered pipe elements.

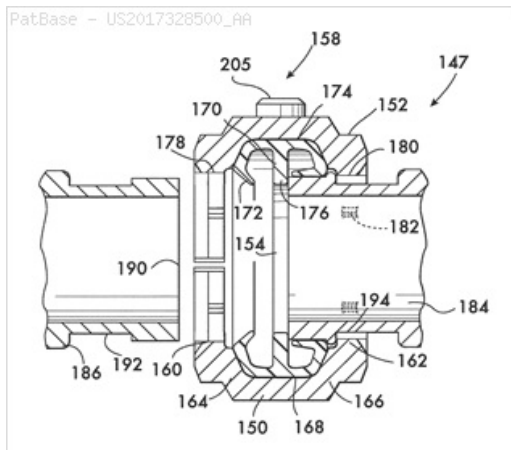
Classifications:

International (IPC 8-9): F16L F16L17/04 F16L19/02 F16L19/08 F16L19/10 F16L19/12 F16L21/00 F16L21/02 F16L21/025 F16L21/03 F16L21/06 F16L21/08 F16L23/036 F16L23/08 F16L23/18 F16L25/06 F16L25/08 F16L37/086 F16L37/091 F16L43/00 (Advanced/Invention); F16L37/091 (Advanced/Non-invention); F16L (Subclass/Invention)

International (IPC 1-7): F16L19/02 F16L19/08 F16L19/10 F16L19/12 F16L21/00 F16L21/02 F16L21/06

CPC: F16L21/08 F16L2201/10 F16L21/065 F16L37/0915 F16L23/08 F16L37/091 F16L23/036 F16L23/18 F16L21/06 F16L17/04

US: 1/1 285/322 285/337

**Family:**

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Priority:

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Probable Assignee: VICTAULIC CO

Assignee(s): (std): VICTAULIC CO ; VICTAULIC CO OF AMERICA

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

3) Family number: 30117289 (US2002135184A)

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Title: MECHANICAL PIPE COUPLING DERIVED FROM A STANDARD FITTING

Abstract: A coupling for joining pipe segments together is disclosed. The coupling is derived from a standard fitting and has a housing with a socket and a first expanded region adjacent to the socket and a second expanded region adjacent to the first expanded region. A sealing member is positioned in the first expanded region and a retainer is positioned in the second expanded region. A flange turned inwardly on the second expanded region captures the sealing member and the retainer. The retainer has a plurality of radial teeth angularly oriented to engage a pipe and prevent its removal from the coupling. Each tooth has a stiffening rib arranged lengthwise along the tooth.

Classifications:

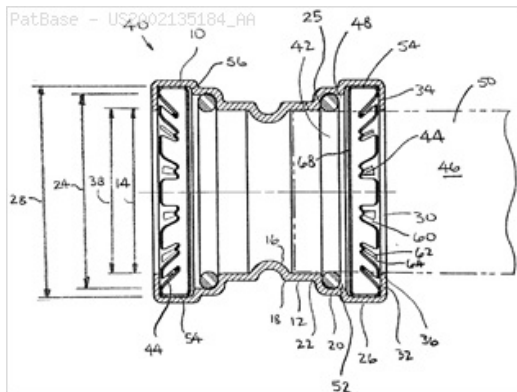
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International (IPC 1-7): F16L1/00 F16L101 F16L101/00 F16L101/00 F16L17/00 F16L19/06 F16L19/08 F16L21/02 F16L21/08 F16L25/00 F16L25/06 F16L37/08 F16L37/091 F16L39/00

CPC: F16L21/08 F16L19/061 F16L19/086 F16L21/02 Y10T29/49872 Y10T29/49913 F16L37/091

European: F16L19/06C F16L19/08C2 F16L21/02 F16L21/08 F16L37/091

US: 285/104 285/105 285/105P 285/179 285/232 285/307 285/317 285/317S 285/319 285/319S 285/321 285/322 285/322S 285/340 285/340P 285/345 285/345S 285/369 285/369S 285/374 285/374P 29/451 29/508



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Priority:

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

4) Family number: 33075049 (US2006125236A) © PatBase

Title: RETAINER WITH INWARD PROJECTIONS

Abstract: A retainer for use in a mechanical pipe coupling is disclosed. The retainer fits within an expanded region of the coupling adjacent to a washer which is adjacent to an incompressible seal. The retainer has a band with opposite edges. Angularly oriented teeth extend inwardly from one edge and engage a pipe inserted into the coupling. Projections located around the opposite edge project inwardly and prevent the washer from telescoping into the band when the seal is under pressure and tries to expand and displace the washer. The projections may be made by forming indentations in the surface of the band.

Classifications:

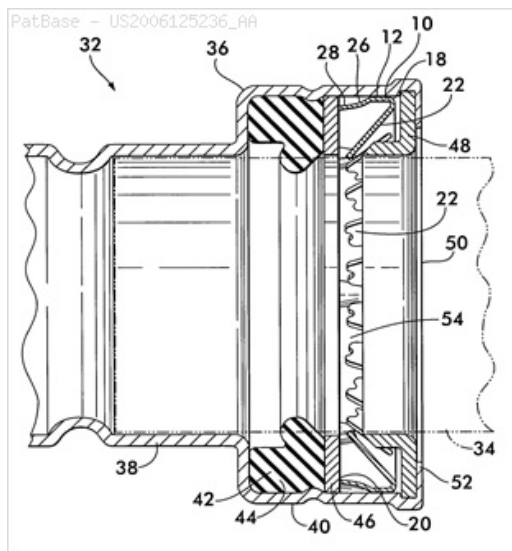
International (IPC 8-9): F16L17/00 (Advanced/Invention);

F16L17/00 (Core/Invention)

CPC: F16L37/091

European: F16L37/091

US: 285/374



Family:

Publication number	Publication date	Application number	Application date
US2006125236 AA	20060615	US20040012436	20041215
WO06065438 A1	20060622	WO2005US41775	20051117

Priority:

US20040012436 20041215

Probable Assignee: VICTAULIC CO

Assignee(s): (std): CUVO ANTHONY J ; DOLE DOUGLAS R ; VICTAULIC CO ; VICTAULIC CO OF AMERICA

Assignee(s): VICTAULIC COMPANY ; VICTAULIC COMPANY OF AMERICA

Inventor(s): (std): CUVO ANTHONY J ; DOLE DOUGLAS R

Inventor(s): CUVO ANTHONY ; DOLE DOUGLAS

Agent(s): SYNNESTVEDT AND LECHNER LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

5) Family number: 33396230 (US2006214422A)

© PatBase

Title: PIPE COUPLING RETAINER WITH AXIAL SUPPORT MEMBERS

Abstract: A retainer for use in a mechanical pipe coupling is disclosed. The retainer fits within an expanded region of the coupling adjacent to a washer which is adjacent to an incompressible seal. The retainer has a band with opposite edges. Angularly oriented retaining teeth extend inwardly from one edge and engage a pipe inserted into the coupling. Axial support members, arranged in spaced angular intervals circumferentially around the band, extend from the same edge and project toward the opposite edge. The support members are substantially parallel to the band and have ends that engage the washer and exert an axial force to prevent it from telescoping into the band when the seal is under pressure and tries to expand and displace the washer.

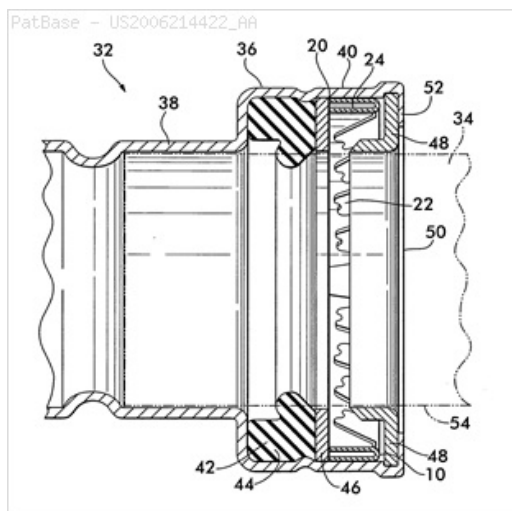
Classifications:

International (IPC 8-9): F16L17/00 F16L19/08 (Advanced/Invention); F16L17/00 F16L19/00 (Core/Invention)

CPC: F16L37/091

European: F16L37/091

US: 285/340



Family:

Publication number	Publication date	Application number	Application date
US2006214422 AA	20060928	US20050091257	20050328
WO06104629 A2	20061005	WO2006US07190	20060301
WO06104629 A3	20070621	WO2006US07190	20060301

Priority:

US20050091257 20050328

Probable Assignee: VICTAULIC CO**Assignee(s):** (std): CUVO ANTHONY J ; GUIDITTA THOMAS A ; VICTAULIC CO ; VICTAULIC CO FO AMERICA ; VICTAULIC CO OF AMERICA ; VICTAULIC COMPANY FO AMERICA**Assignee(s):** VICTAULIC COMPANY**Inventor(s):** (std): CUVO ANTHONY J ; GUIDITTA THOMAS A**Inventor(s):** CUVO ANTHONY ; GUIDITTA THOMAS**Agent(s):** SYNNESTVEDT AND LECHNER LLP**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**6) Family number: 2960065 (US4762033A)**

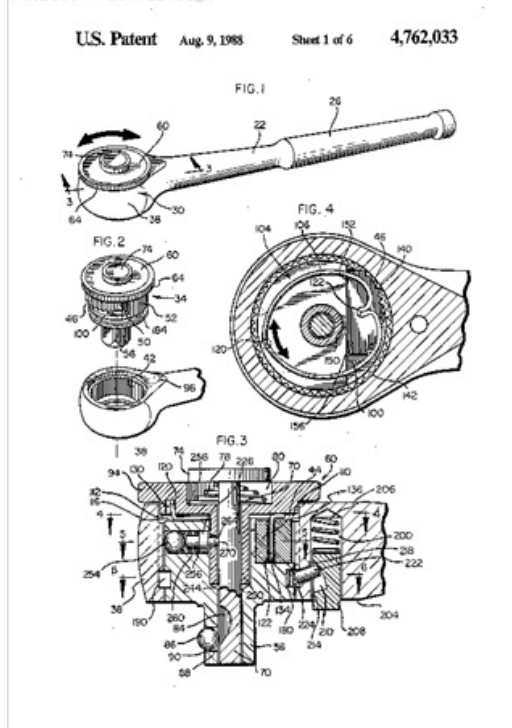
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Title: Ratchet wrench with manual disassembly capability

Abstract: A ratchet wrench including a handle-carried drive ring and driven core in which the core can be simply and readily removed, intact, for cleaning, repair and replacement without the use of tools. Additionally, the wrench includes a low-friction ratchet drive-reversing mechanism for simple, one-finger operation. The disassembly-facilitating structure includes a resilient ring-like band seated in a channel defined by radially communicating annular grooves in the drive ring and in the wrench core. A band displacing element serves to shift the band to effect a bridging of the band across the grooves defining the channel to effect a mechanical intercoupling between the core and the drive ring of the ratchet wrench. For disassembly, the band is repositioned to assume a configuration in which the band occupies a single one only of the communicating grooves in the drive ring and in the opposed core, thereby uncoupling the core and the drive ring, to permit withdrawal of the core, as an intact unit, axially from the wrench. The drive direction of the wrench is controlled by an arcuate, wire spring which intercouple a finger-manipulable pivotal drive-reversing control plate of the tool with a shiftable pawl housed in the core of the wrench to provide a low-friction mechanism by which the pawl is positioned to establish a selectable drive direction of the wrench through simple, one-finger displacement of the reversing plate of the tool.

Classifications:**International (IPC 8-9):** B25B13/46 B25B23/00 (Advanced/Invention); B25B13/00 B25B23/00 (Core/Invention)**International (IPC 1-7):** B25B13/46**CPC:** B25B13/465 B25B23/0035**European:** B25B13/46B1C B25B23/00A4**US:** 81/177.85 81/63.2

PatBase - US4762033_A

**Family:**

Publication number	Publication date	Application number	Application date
AU198812054 A1	19880825	AU19880012054	19880223
AU595685 B2	19900405	AU19880012054	19880223
CA1289781 A1	19911001	CA19880559305	19880219
EP0281285 A2	19880907	EP19880301413	19880219
EP0281285 A3	19891102	EP19880301413	19880219
JP63245372 A2	19881012	JP19880038799	19880223
US4762033 A	19880809	US19870017731	19870224

Priority:

US19870017731 19870224 CA19880559305 19880219

Probable Assignee: NATIONAL HAND TOOL A CORP OF DE CORP**Assignee(s):** (std): NAT HAND TOOL CORP ; NATL HANDO TOOL CORP**Assignee(s):** CHOW KIRK K ; NATIONAL HAND TOOL A CORP OF DE CORP ; NATIONAL HAND TOOL CORP**Inventor(s):** (std): KAAKU KOO CHIYOU ; CHOW KIRK K ; CHOW KIRK KOO**Inventor(s):** KIRK KOO CHOW**Agent(s):** CALLINANS; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; SMART AND BIGGAR

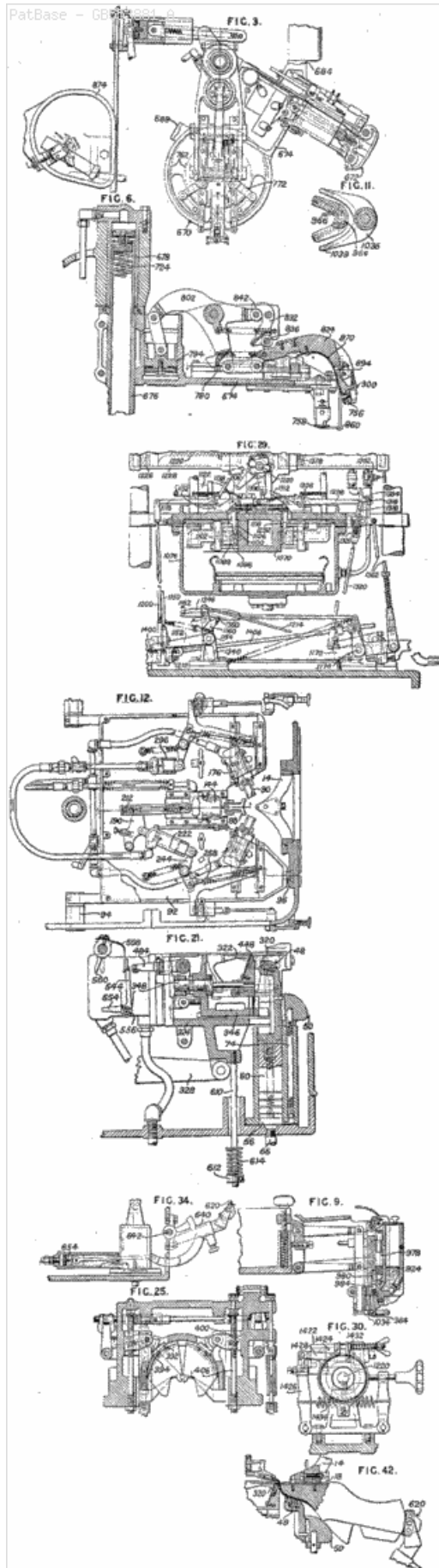
7) Family number: 19069795 (GB553881A)

© PatBase

Title: Improvements in or relating to shoe upper conforming machines

Abstract: 15750. [Class 95] [Also in Group VII] A machine for lasting the toe end portion of a shoe has pulling-over grippers, power operated wipers for wiping marginal portions of the upper inwardly over the toe portion of a last, means to trim away marginal material from an inner layer or layers around the toe portion of the upper, and means to apply cement to aid in securing the upper in wiped condition. The mechanism is fluid operated. The trimming and cementing devices are mounted on a carrier swung laterally to bring each device in turn into operative position and lowered from normal raised position into operative position. The trimming devices comprise a knife for the toe end and a knife for each side of the toe. The trimming is dropped into a bin. A yielding toe-band is provided which may be used for up-wiping prior to the advance of the wipers. Thermoplastic adhesive is ejected by a reciprocating pump on to the toe end margin of the insole, the applying means acting as a retarder to the upper while this is over-wiped, so that the upper is dragged over the cement-exuding orifices. The machine is controlled by a treadle, the first depression of which causes the grippers to close and the second depression starts the power cycle of the machine. If the upper has to be repositioned the grippers may be opened by a foot lever which returns the mechanism to starting position. The shoe is positioned 'in the machine by a plate 18, Fig. 42, carrying three pins engaging holes in the last and interchangeably secured to an arm 14 adjustable vertically. The shoe is clamped against the plate by a toe rest 48 and instep support 50, the first carried by a piston 60, Fig. 21. in a cylinder 56, and the second carried by a rod 74 serving as a piston of much smaller diameter than the first, both pistons being supplied with fluid by a pipe 66 controlled by a valve adapted to trap the fluid and thus maintain the toe rest and instep support substantially positively in their operative positions. A toe end gripper 88, Fig. 12, and two side grippers 90 are mounted on a support 92 pivoted on studs 94 for swinging movement heightwise of the shoe, the support normally resting on a vertically adjustable lug 96. The movable jaw of each pair of grippers is operated by a piston in a cylinder 144 or 176. Each of the three grippers is mounted to slide towards and away from the shoe, levers 190 for the toe grippers and 244 for those at the sides being actuated by levers operated by fluid cylinders 222, 296, yield being provided by springs 212, 258. Movement heightwise of the shoe may be imparted to the grippers by fluid cylinders swinging the support 92 upwardly about its pivots 94. The upper may be wiped upwardly by a toe former 320, Fig. 21, carried with the wipers 322 on a toe head 324 mounted for up and down movement on two pairs of parallel links 328. The head is moved upwardly for the up-wiping by a pair of fluid actuated cylinders and pistons. The wiper carrier 346 is slid lengthwise of the shoe by a piston rod 348 and cylinder. For quick exchangeability the wipers are held in place by latches. Each wiper has a plurality of curved fingers which interlock to prevent any V-shaped opening between the wipers when in closed position. To close the wipers as they are advanced by the piston each wiper holder carries a gear sector 392, Fig. 25, engaging a gear sector 394 on a lever engaging trunnion blocks 400 mounted to turn on studs on a block threaded on a shaft 406. The wipers may be adjusted for size of shoe by a hand-wheel connected to these two shafts 406 by universal joints and bevel gearing. The toe former 320 comprises a flexible leather band backed by a thin resilient metal band 448, Fig. 21, and is flared downwardly. The ends of the former are urged forwardly and inwardly by springs so that it can yield during the upwipe. The former can be latched rearwardly when upwiping is not desired, the latch being released at the end of the upward movement of the toehead so that the former may act as a clamping band. The toe former is retracted when desired by a lever 484 co-operating with a latch 544 provided with a torsion spring 556 for urging the latch rearwardly and a spring 558 which urges the latch forwardly when an arm 560 is moved forwardly. When the latch has been thus brought under the lever 484 on the descent of the toehead, the former will be held retracted until a rear arm 554 of the latch contacts with the arm 560 at the end of the upward movement of the toe head, to free this and allow the upper to be clamped against the last in the position in which the grippers have pulled it. A spring 614 threaded over a rod 610 screwed into the toehead if adjustable by a threaded collar 612 to provide downward pressure to the wipers when they have completed their advancing movement over the edge of the insole. The heel rest comprises a pair of blocks 620, Fig. 34, covered by a strip of leather to engage the heel end of the shoe, the blocks being pivoted but separated by V-pins to limit their swing, and carried on a lever 640 pivoted at 642 and actuated by a piston 654 in a fluid cylinder. The upper trimming device 670, Fig. 3, and the cement-applying device 672 are supported on a carrier 674 clamped on a vertical hollow post 676 guided for vertical and for turning movements in a cylinder 678, Fig. 6, carried by the frame, the downward movements being to operative position and the turning movements into position over the toe end part of the shoe, bumpers 684, 688, Fig. 3, determining the limits of swing. Both movements are effected by fluid pressure, the downward movements against the urge of a spring 724, Fig. 6. The upper-trimming device comprises a middle knife 756 for the toe end and two side knives 758 movable in paths curved about a vertical axis opposite the end of the toe. The knives move in a plane parallel to the top faces of the wipers, with their cutting edges spaced from those faces a distance equal to the thickness of the outer layer of the upper materials, the lining and box toe being cut away. The side knives are actuated first, the knife holders being moved along guide-ways 762, Fig. 3, by links pivoted to levers 772 provided with rolls actuated by cam surfaces on a slide 780, Fig. 6, reciprocated by a lever 802 actuated by a fluid pressure piston 794. The middle knife 756 is carried by a curved arm 824 urged upwardly by a spring and depressed by a roll 836 carried by a lever 832 actuated by a roll 842 on the lever 802. During trimming the toe end of the insole is depressed by a holdown 860. The waste material severed is held by a resilient plate 870. As the carrier 674, Fig. 3, is swung to position the cementing device over the shoe the toe end knife is swung over a receptacle 874. As the trimming means is moved downwardly to cause the cementing means to approach the shoe, a push rod 900, Fig. 6, actuates a plunger 894 to move the plate 870 from the knife. Also a cleaver swings between the plate and knife and removes the waste if it has not previously dropped. Thermoplastic cement is maintained liquid in a chamber 924, Fig. 9, and is pumped by a plunger 978 actuated by a lever abutting a fixed stop on the descent of the device towards the shoe. Rise of the plunger, produced by a spring, draws cement by a valve 980, and descent of the plunger forces cement by a valve 984 to a chamber 964, whence diverging pipes with perforations 966, Fig. 11, on their lower sides deliver to the toe end of the insole. The cementapplying device acts as a retarder on the margin of the upper as the wipers advance, and is levelled at 1034 so that it is raised by the wipers. An additional retarder 1036 is provided with teeth 1039. When the machine is in use a pump driven by an electric motor draws fluid from a reservoir 1076, Fig. 29, and delivers it to a pressure chamber 1070 communicating with valves controlling the various fluid cylinders. Normally, the fluid returns freely to the reservoir through a sleeve valve 1088 slidable on a tube having a partition 1098 and parts 1100, 1102 on either side of the partition. The valve is controlled by an arm 1106 pivoted at 1108, urged in a direction to open the valve by a spring 1116 and in a direction to close it by a spring 1126 actuated by a lever 1118 the rear part of which can yield against a spring 1122. A latch 1132 prevents return movement of the valve until released by an arm 1138 actuated by a pin on an arm fixed to a control shaft 1220. The lever 1118 is actuated by a rod 1150 connected to an arm 1152 fast on a rock-shaft 1154 carrying an arm 1160 supporting a latch 1162 connected to a treadle lever 1172. The same depression of the treadle which establishes pressure in the chamber 1070 also causes the jaws of the grippers 88 and 90 to close on the upper by similar valve mechanism actuated by upward movement of a rod 1200 actuated by a block on an arm of the rock-shaft 1154. A screw 1212 frees the rod at the end of its upward movement. If the upper materials are not properly positioned the operator may release the upper for repositioning by engaging with his foot a pad at the end of a rod 1214, swinging the arm 1160 and depressing the rear half of the lever 1118, a face thereon freeing the latch 1132 to terminate the pressure in the chamber 1070 causing the gripper jaws to open. A depression of the treadle causes the jaws to close on the upper. The machine is started by a succeeding depression of the treadle, the shaft 1220 being driven in one direction by a pinion gearing with a rack 1230 integral with a piston 1226 returned by a spring. A brake is provided on the shaft 1220 to prevent reverse movement. The valve supplying the cylinder housing the piston 1226 is similar to those previously described and is similarly controlled by an arm

Classifications:**International (IPC 8-9):** A43D13/00 (Advanced/Invention); A43D13/00 (Core/Invention)**International (IPC 1-7):** A43D21/12 H03K3/295**CPC:** A43D13/00**European:** A43D13/00

**Family:**

Publication number	Publication date	Application number	Application date
GB553881 A	19430609	GB19410015750	19411206

Priority:

GB19410015750 19411206

Probable Assignee:

UNITED SHOE MACHINERY CORP

Assignee(s): (std):

UNITED SHOE MACHINERY CORP

Title: PIPE COUPLING ASSEMBLY WITH SLEEVE LOCKING TABS AND ASSOCIATED METHODS

Abstract: A pipe coupling assembly includes a pair of casing members each having a first end including a first continuous exterior surface edge defined by a first radius, and a second end including a second continuous exterior surface edge defined by a second radius. The first radius is smaller than the second radius so that a tapering, continuous, exterior surface extends therebetween. A gasket is to be positioned adjacent first and second pipe sections, and within the pair of casing members. A sleeve has a tapering interior surface to be positioned over the tapering, continuous, exterior surfaces of the pair of casing members. The second end of at least one of the pair of casing members includes a sleeve locking tab extending outwards from the second continuous, exterior surface edge so that the sleeve is lockable in position surrounding the pair of casing members by engagement with the sleeve locking tab.

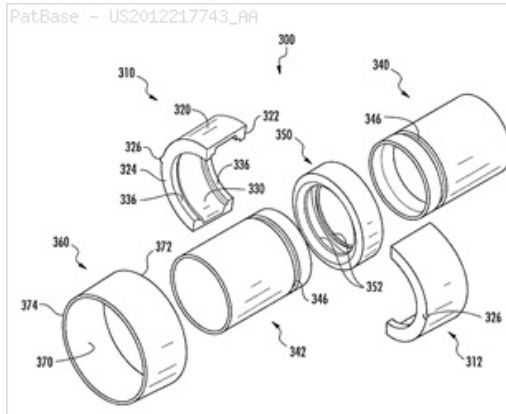
Classifications:

International (IPC 8-9): B23P17/00 F16L17/02 F16L17/06 F16L21/00 F16L21/02 F16L21/035 F16L23/04 F16L25/06 F16L37/138 H04W24/10 H04W36/00 H04W36/14 H04W36/24 H04W48/18 (Advanced/Invention); H04W24/10 H04W36/00 H04W36/14 (Advanced/Non-invention)

CPC: F16L21/022 F16L21/065 F16L17/04 F16L21/007 F16L21/035 F16L23/04 F16L25/06 F16L17/02 F16L17/06 F16L37/138 H04W36/0066 H04W24/10 H04W36/0061 H04W36/14 H04W48/18 Y10T29/49428

European: F16L37/138 T04W24/10 T04W36/00P6C T04W36/14

US: 285/373 285/373P 29/890.14 29/890.140S 455/436 455/437

**Family:**

Publication number	Publication date	Application number	Application date
DE602012003515 D1	20141204	DE201260003515T	20120604
DK2730132 T3	20150119	DK20120735351T	20120604
EP2730132 A1	20140514	EP20120735351	20120604
EP2730132 B1	20141022	EP20120735351	20120604
GB201018849 A0	20101222	GB20100018849	20101108
GB201107429 A0	20110615	GB20110007429	20110504
GB2485350 A1	20120516	GB20100018849	20101108
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IN11138DN2013 A	20150102	IN2013DN11138	20131224
RU2014104240 A	20150820	RU20140104240	20120604
RU2576486 C2	20160310	RU20140104240	20120604
US2012217743 AA	20120830	US20120403179	20120223
US2013072195 AA	20130321	US20120520386	20120604
US8812002 BB	20140819	US20120520386	20120604
WO12064725 A2	20120518	WO2011US59757	20111108
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WO12116183 A1	20120830	WO2012US26326	20120223
WO13006117 A1	20130110	WO2012SE50591	20120604

Priority:

GB20100018849	20101108	US20110446469P	20110224	GB20110007429	20110504
US20110505258P	20110707	US2011050528P	20110707	US20120403179	20120223
EP20120735351	20120604	US20120520386	20120604	WO2012SE50591	20120604

Probable Assignee: TELEFONAKTIEBOLAGET L M ERICSSON PUBL

Assignee(s): (std): COUPLING SOLUTIONS LLC ; DAVIDSON PAUL A ; DAVIDSON PAUL ANTHONY ; ERICSSON TELEFON AB L M ; MOLANDER ANDERS ; PARISI ANTHONY MICHAEL ; PARISI JOSEPH SALVATORE ; PARISI JOSEPH SALVATORE JR ; PERSSON CLAES GOERAN ; SCHLIWA BERTLING PAUL

Assignee(s): TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) ; TELEFONAKTIEBOLAGET L M ERICSSON PUBL ; TELEFONAKTIEBOLAGET L M ERIKSSON PABL ; TELEFONAKTIEBOLAGET LM ERICSSON PUBL

Inventor(s): (std): PARISI ANTHONY MICHAEL ; PARISI JOSEPH SALVATORE JR ; SHLIVA BERTLING PAUL ; PERSSON KLAES GORAN ; DAVIDSON PAUL ANTHONY ; SCHLIWA BERTLING PAUL ; PERSSON CLAES GOERAN ; MOLANDER ANDERS ; PARISI JOSEPH ; PARISI JOSEPH SALVATORE

Inventor(s): JOSEPH PARISI ; PERSSON CLAES GRAN ; PAUL ANTHONY DAVIDSON

Agent(s): BURCHARDI THOMAS DIPL ING UNIV; KUEHN FRIEDRICH HEINRICH; NIXON AND VANDERHYE PC; REGAN CHRISTOPHER F ET AL; AROS PATENT AB

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: CHANGE-SPEED TRANSMISSION AND CONTROL

Abstract: 463,684. Change speed gearing. GENERAL MOTORS CORPORATION. Oct. 3, 1935, No. 34533/36. Convention date, Oct. 8, 1934. Divided out of 463,643. [Class 80 (ii)] Change-speed gearing for vehicles comprises three units in series, one R, Fig. 4, for selecting neutral, forward, or reverse drive, another unit M under manual control for a change of driving-

ratio, and a further unit A for effecting a change of ratio under the control of a speed-responsive device or governor 211, Fig. 18, there being a unitary control means or lever 232, Fig. 1a, on the steering column for the reverse and manual units. The description is the same as in Specification 463,643. The units M and A in the arrangement shown are planetary and controlled by alternative plate clutches and wrapping band brakes. The unit M has stepped planets 71, 72, Fig. 4, connecting an intermediate shaft 32 to a driven shaft 64. This unit is in low speed with the brake 74 applied unless a slide valve 140<1>, Fig. 18, has been shot over to the left from the position shown so that pressure oil entering at 136 can pass up a duct 1451 and along another 1431 to depress a piston 1381, Fig. 10, and so release the brake 74, Fig. 4, and engage clutch packs 46a, 46b so that the unit M turns solid on high speed. The valve 140<1>, Fig. 18, is opened, and normally held open for low speed by a spring 1641 acting on a toggle 157<1>, 158<1>, the fixed pivot of which is at 156<1>. To change the unit M to high, a lever 192 is rotated clockwise about its pivot shaft 186 so as to extend the bias spring 1641 until a toggle spring 160<1> effects the quickthrow-over of the valve. The turning of the pivot shaft 186 is done by pulling a rod 190 left of Fig. 10. That is, to change up in the unit M a rod 225 is pulled left of Fig. 10 and upwards of Fig. 1a. The changing of the unit M is between points " High " and " Low " of a quadrant 235<1>, corresponding to the movement of a bowl lever 250, Fig. 10, upwards from the position shown and with lost motion clear of a fork 254 for operating the reverse unit R. To bring in reversed drive, the lever 232 is moved to position "REV," Fig. 1a, which brings the bowl 251 from the neutral position shown in Fig. 10 down to position 251<11>, and owing to a lever 226 passing over a dead centre, the pivot control shaft 186 of the unit M is not then operated. When the hand lever 232 is moved onto position " 3rd," Fig. 1a, an over-riding downshift in the unit A is imposed as described in the Specification referred to, this unit being normally controlled by the governor 211, Fig. 18, acting at one fulcrum 169 of a floating lever 166 and by the accelerator (not shown), acting at another fulcrum 175 so as jointly to control the valve 140 of the servomotor 138 of the unit A. A booster valve is described with reference to Figs. 15-17 (not shown), to prevent the wrapping brakes 74, 42 of the units M and A from being unwound during the reversed drive.

Classifications:

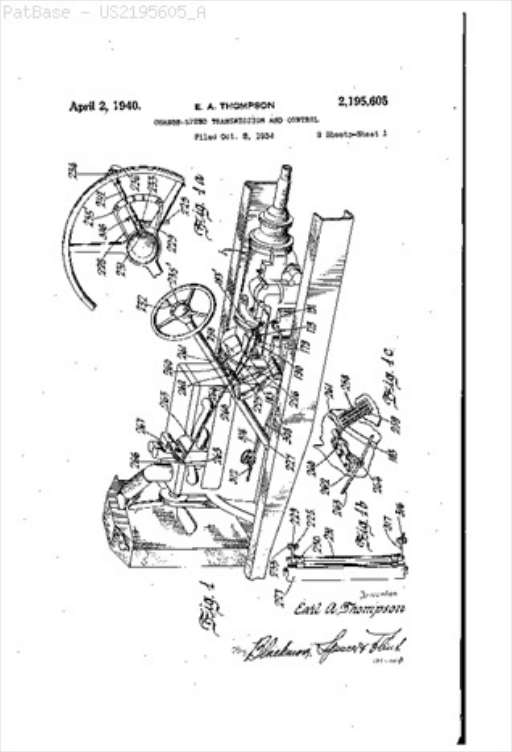
International (IPC 8-9): B60K17/08 F16H61/02 (Advanced/Invention); B60K17/06 F16H61/02 (Core/Invention)

International (IPC 1-7): B60K17/08 B60K41/06

CPC: Y10T477/6936 Y10T477/69367 F16H61/0269

European: B60K41/00 F16H61/02H1L2

US: 475/129 475/169 475/177 475/219 477/127 477/140



Family:

Publication number	Publication date	Application number	Application date
BE411655 A	00000000		00000000
DE747653 A	19441016	DE1935G091310	19351009
FR796030 A	19360327		19351007
GB463643 A	19370405	GB19350027305	19351003
GB463682 A	19370405	GB19360034531	19351003
GB463683 A	19370405	GB19360034532	19351003
GB463684 A	19370405	GB19360034533	19351003
US2195605 A	19400402	US19340747386	19341008

Priority:

US19340747386 19341008

Probable Assignee:

GEN MOTORS CORP

Assignee(s): (std):

GEN MOTORS CORP

Assignee(s):

GENERAL MOTORS CORP

Inventor(s): (std):

THOMPSON EARL A

10) Family number: 43631151 (CO4870749A)

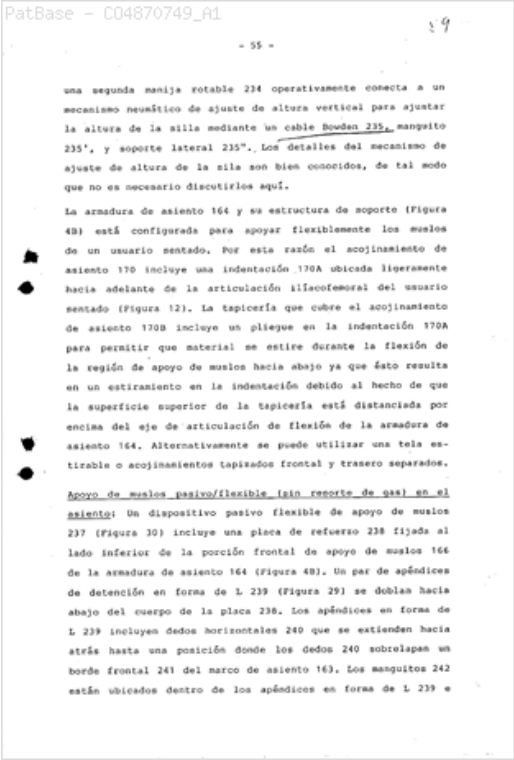
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Title: SILLA SINCRON-INCLINABLE CON ASIENTO MOVIBLE HACIA ADELANTE CHAIR SYNCHRO-TILT FORWARD SEAT WITH INSERT (Machine translation)

Abstract: Source: CO4870749A [ES] 1.- Se proporciona una silla de trabajo que tiene un marco de base con una armadura de configuracion particular y brazos laterales verticales rigidos, un marco de espaldar pivoteado al marco de base para movimiento entre posiciones vertical y reclinada, y un asiento apoyado deslizablemente en el marco de base y pivoteado al marco de base de tal modo que el asiento se mueve hacia adelante y su parte trasera se mueve hacia adelante y hacia abajo con el marco de espaldar al tener lugar el reclinamiento. Un espaldar flexible esta conectado al marco de espaldar en sitios superior e inferior y esta provisto de ajuste lumbar para mejor fuerza/apoyo y forma lumbares. Se proporciona un asiento con ajuste de profundidad y con apoyo de flexion activo y pasivo para los muslos. Se proporciona un nuevo mecanismo de energia que incluye un ajustador de movimiento de brazo de momento para ajustar la tension del resorte sobre el marco de espaldar. El ajustador de movimiento de brazo de momento es facilmente ajustable e incluye un dispositivo de sobretorsion para evitar dano a los componentes del mecanismo de energia. **Machine translation:** 1. a work

chair having a base frame with a particular configuration armor and rigid vertical side arms a backrest frame pivoted to the base frame for movement between upright and recumbent positions, and a seat slidably supported is provided in the base frame and pivoted to the base frame such that the seat moves forward and back moves forward and down within the backrest recline occur. A flexible backrest is connected to the backrest frame upper and lower sites is provided with lumbar adjustment for better strength / lumbar support and shape. a seat is provided with depth adjustment and support of active and passive flexion thigh. A new mechanism of energy that includes an adjuster arm movement time to adjust the spring tension on the backrest frame is provided. The movement adjuster moment arm is easily adjustable and includes a overtorque device to prevent damage to the components of the mechanism of energy.

Classifications:
International (IPC 8-9): A47C1/30 A47C3/30 (Advanced/Invention);
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Title: Wherein the control device 411 of the J + 1: Huh H multiplier; t-m 4! transport car in-car so the pot, and a plurality of getting on and off field 1 call the ? pot 2, which is the hole leading question to get by in response to the getting on and off field to discharge the refiner to the Multiplier field-null-defined in two directions by the method of the line passing through the bottle of Nagisa, w.sub.i each car car call. @ to its own Japanese bird cherry and the position of the getting on and off field to call for a hate, wall 9, in the case where the leading direction of the comment-line so as to stop the call controller adapted, in addition to assembling the circuit, the averaging circuit and operation control circuit in addition to the house key-kai comprising a traveling path of the direction and position of the scissors circle K, and play on-the A on the pot k% and car call hall call registration to the operates in response to the instantaneous, each car of rounding activity levels of Hall IC as at least intermittent?: maw inform the storm, the repair of the car set up again, vol.2 from the position of the acid is located directly in front of the car when traveling position t of the 1-field experienced by adequate power to the # each car of the position of the 1, 4 getting on and off the man of r traveling to encounter any holes in each direction to the ejection is threatening or hate-car also inform every tti valley) 1111 of the working level signal generated, the averaging circuit level of the respective tasks. This!--No. e forming the write response to the great level of effort, a measure of the average level for the 13th No. Bu average sound generating circuit a cocoon operational system # 1 of the average number of working level level bow head in assent no. remarks and 1m20.816s. The relationship between the car operates in response to a control the one Vc t ^ is coming home 1 # 10 to 11 button 6 of the passenger transport + 23 the car of the elevator car, and wherein the getting on and off field of double-editor. Don't be reluctant to do is cocoon cruelty inflicted on the floor in the building, and, i) 1-wife working level the magnitude of the signal is the signal of the bale working group call to respond to the car 9 can be seen through the time that has been assigned to it is the number 1 Li-converting it is characterized in 1-? end disposed a ge: serial ID-J + 3] + 1 apparatus and the operation circuit is r111 average level 41 the magnitude of the signal is a level signal of the sexagenary cycle is notified (what) immediately run method, the foot is positioned in front of said one of the work vehicle 1% solid level of the big !! to the magnitude of the average level signal in Krakow, the third Hitoshi Kaisei exceeds a scarce in mind or some of the heart is 4 treat floor that has been registered in the hall call car go skeleton 153 the traveling direction of the reply from the BU song ratings not to stop defining means for low utilization notification in the following sections, at% exist to decorate control device. Ii1 + 41 each one of the work associated with the level 4, the car off working level as a function of car call a scholarship student [also known as Pop, VC: in accordance with the provisions of the position of the from the position C directly in front of the position Li and the car to travel to the getting on and off field t encountered in the car of its associated I @ so as to be Vc Inokuchi has a t-threatening and follow the valley 1f kouki building frame I go under 0.8µm L 'FII around the hole O v3 + 4 associated with associated ? in response to the hall call. wheat call "out of seasonal a predetermined period 1

associated ? between 1g, Noboru It is No. 1 hall call to generate individually for the hall call recording times f1 timing 11, 61r, the valleys ? ml No. J, ki is the discharge direction 11 is sitting, is registered in the pottery Mamoru floor call 1 i treat the xinjiang and actuated, the car call in response to the power failure it is to prevent the lecture that rubbing the name entered in the family register or, Taiyuin Shrine, 5 one of claim 4 to the instrumentation on the yes (the operation control circuit, a circuit utilization notification for notifying circuit l1I serial-to any one of the utilization of the work is the size of a predetermined level only of the average size of the working level above which response the alkenyl group of 1 to a predetermined car experienced by the floor that has been registered in the hall call to respond to the traveling direction of the so as not to stop associated with the forged is adapted to cool TEWI, rise in part to the control device 5 mound i building frame 10 (7), the J1 & #39;Iw Tji circuit L111 base with corner 11 car car width VC profit to sexually available circuit, wherein the car of each main cutting times, in recent years, the average level Cl implanted) size of dust teeth, do Salgaocar G'.sub.Q) 250,000 of the I, L, the car of the red system, see two bell informing the level signal of 7B size exceeds the shaft operating Kaisei Stj response to the predetermined time constant Tj of the car and the rope-C] song ratings enough, therefore, that the # 6g disposed with HIJ first night in the control device G18 LL11" 1 ? of the operation control circuit even at times t-floor the floor G N ? the ? notification circuit 0 it should be noted that the operation of the circuit utilization] operates in response to a field of the L-4 level large-format! The factor-1 without giving birth to discharge hole hole, which is one of the floor where the call is registered in the selection, even in-? / Z is as set forth in claim 7, characterized in that the control device 10 (control circuit 91 the operation of the d-contact before the one-bis comprising a circuit 1 to the slave # l-bis s of the circuit the circuit and the non-availability of the selection circuit of the answer one operation to kl: the predetermined floor car traveling at the selected and the circuit i Seshimeru nuclear force is to travel to the selected encountered in the floor floor that has been registered in the running direction of the hole in response to the ejection, so as not to stop the first 8at% image to claim 6, a part of III ?? Qaij several single circuit using the announcement I.sub.ij is one of the threshold value No. of the ? bell of support for average level of more than twice the size and the 1) to fr, so that the value or the load 8, also a part of the stuttering ? true 4d-?, 1 to bone-compatible (B) being "0 bis firefly circuit, the linear planar the selected one of the hall floor of the car call, the predetermined in the other one of the operating state and the replied, adapted to be released from the substrate vias 9 t *, the mound and, or to the first control device according (6) in the car of the PIL predetermined availability, circuit, wherein the selected one of the hall floor of the car call to the predetermined operating state and it is adapted to be released from a stand-by screen. The eighth be a value according to any one end 1z: control device wherein the control the operation of the Yes "d passenger car of the valley transportation instruction circuit 9 a may each passenger, before the low-car-related instruction circuit q migiwa sacro-vcs is 4 to inform the customer at the center, such as, at the time of & #39;is actuated in the car of the sword, · L-switch and availability so as not interfere in JP 8 purple follow to the twelfth round of a4 kouki control table of the operation control circuit on the ? or each of the passenger car, the Hoi farm ? instruction, wherein the instruction circuit 11 each passenger, the passenger is one from Noriyuki conditions don't swallow ?? minutes of the sexagenary cycle 4 and 1 use notification indicating that the call circuit, its associated response to hole @ so as to prevent a Pth 14 so as to operate the third IP characterized in claim 1 of the present 1 to 16 control device 14fl-J 0 + 1 is a call call related hole 5 engaging hole is registered, call f and the means for generating!: No. 2 registered by the car in response to the No. 14 is adapted to operate and the coding means and means, further comprising a serial no. @ straw-encoding means in the hall call is registered, the cord on the floor, the 14 ? prima facie s scope to the devices @, one of the hall call.'.sub.i1-out unpleasant? No. The characteristics of other unpleasant to the call signal of the discharge 4 enough so as to vary the characteristics of the hand, 11M -213 and the same arrangement of the car f: the predetermined discharge of the discharge No. one hole Seshimeru will not respond only to coating operation, and the car 1 (II- a predetermined one hole (the I call you call signal (1) 1-? Bu on a call, and has a characteristic unpleasant F · 1g No. "1 LIJ: a4r 1 so as not to put an end to that of .tau..sub.8/) and the mound of to 15. The howling Y. Sakaki Ki building frame table 11k1 is the discharge constant ? wild boar as the DC signal @ king-like Hachiman ij r ij the encoding means (l/-) one hole of the discharge the discharge signal except for the signal registered edible Wc so as to change the moving no. It has a I-f; a one color in the first control device of a thief. (b) reporting means each of # No. of the car, so-called, @ circuit, each circuit of) all of the serial call-hoi i; receiving registration 1'4 the association, is in a steady-?-car-like formation, hint relationship or car call is in a predetermined protocol, and Noboru (pulsation - call to respond to hide any one of image forming No. J1 the substrate vias not trivial1 * of the first+? t * MI1 111e for each of the-fighting each car call times M direction and position Lr circuit, response time, the direction and position of the valley 1 solid circuit of associated with each floor from each direction car access to each of the floor of the foot is separated using a simile approaches the signal circuit is the OPF response time for each call out answers to the registration of the oft-out is registered in a floor, and wherein the out when encountered, in order to blast and returned to the inokuchi: Time allocated to the minute size of the L11 to generate a response time is adapted to the, characterized in that it combined added, further the circuit of 1m each car * I5 together and can increase width vessel distribution circuit, wherein the first III to call the response time of the BU out distribution circuit signal and the level i f path direction and (b) generated by the first addition signal by receiving each car with each print can increase width vessel 111 together to increase width S is located immediately behind inokuchi associated with car and the car inform the activity levels of the bell of the image Akira No. area to generate the correct discharge time signal and the hall car call distributed to reply to, each of the first 4 .261 to increase width vessel exposure if each combined added associated with the car increase width vessel which is located immediately behind the point, and the car of the image so as to generate a level 1 No. It is adapted to off a 5% image in product serial - control to the kettle on + 74-four-around circuit during running, the circuit development production is a valley floor to the floor and cough generates a separation signal can travel well over each direction of the size of the straight car rated the ? in the direction in which the signal of the preceding associated with the floor from the floor, in order to travel to the Yosu Mamoru Seki 1 & 6 at the time of-sook, the% noble, j111 the running time of the distribution circuit is the signal by receiving each car, * increase width vessel 171 to a El series postpone car position and the car is located immediately behind the cabinet-cart each floor the rounding of the travel time of the signal (the rear of the car in accordance with the associated ? ? princess constant the position of the double-running on the floor of KI, the running direction of the encountered in relation to the HOE) 1 to V: distribution processing of all of the elements 3, each of the first combined added generated by the level 4 increase width vessel @ work is the first base 7J, i can have increased width TI to be received by a signal and I1-out travel time response time # g 4g be functions of the introspection and c% 1 before the mll el 1, a memorial service for distribution circuit, there is a close to the floor from a predetermined direction to the discharge stopped in order to respond to the mamoruyuka. before you start the operation, before to be responsive to ml of the first knife can have associated with the L 4, the chief of the Zohaba 13 causes registered in the car call of the floor before the call ml 1g and the response time of the running direction of the No. I can call a hole e in the above floor call response signal It is adapted to distribute the substrate vias 9 1-7 control apparatus of the first (21) the first floor distribution circuit, there is a V i close to the car of the discharge stopped in order to respond to the mamoruyuka. He to start to respond to the 111, 2006, DOI, is positioned in front of the car car immediately is associated with a port on the platform 1 in the ? and sword with caused to seven, part in good car! ? Noboru-d to 111T, this car call each time J-V with the 1 and the succeeding to the running direction of the car call of the floor of the hall signal r of the discharge response time It is adapted to distribute the ridge 20 rise in t of [m around the mound. [2] read Kanjil in order to respond to the call cancellation circuit discharge is stopped in response to the car call to cancel canceling Kaisei operation time circuit to respond to its associated call-v are assigned to each of the discharge response time within the time of the magnitude of the discharge from the time of canceling the over-I.sub.114 as a function of time so as to reduce the gate in that the dissecting part at Ganmangahara,d JP paragraph 21 control device d of Yes part (2g), the upper and lower end of the floor floor of the% value) further comprising binding direction and position of each car, in response to a signal generated by the circuit and the relationship between the consider each car the car to Yuji Ide. The car form alkenyl content of the circuit is from the car # 11 of the sexagenary cycle from the position of the car. In the traveling direction of the floor system to the end of the JT system, immediately! What surface is located near the car floor floor of the car call, until the go, nuclear-force-hoi [in 2 [j", does not from the discharge of the car 1 in JP-t billion separating the 111d of the second building frame part 1j on both conductive moonlight published around 10 (2, 414, ?] the ? mother distribution circuit is each floor or each floor for each direction car access to different first point may include a "Great Kai), the response time of the valley mamoruyuka hole. Yuji Ide and related construction of what is a call to the ? ? line 2-1 direction r in a series Bu a rabbit at the animal mark is a hopeful West Valley car car call call response time + MAMORU [1 related to discharge M has been registered a call-joon is floor and the Yokusan (Imperial Rule Assistance) to the traveling direction of the engagement point associated with the 1bu to be applied to the t waiting that the control device according to claim 25 travel time and remarks (26) each, each of the is applied to the FJ1 junction between call to return No. @ is applied to the chain points from travel time to the hoi hundred insulating current transformer 1 to Australian mark associated with the first engagement point 7x and I is

adapted to be characterized in that the 4-@ 2. The control device according (26) The for each of s1 each car 3 distribution circuit is 1111 / four-way Suitsuchi 1 to each of the lectures are not to palace covering the direction and position of the switching circuit may have an associated circuit which operates in response to a signal generated by the car: Mamoru sword with candle and drain port of the car to increase width vessel to the provisions of the position and the traveling] imperial system, which is located immediately behind the car and the car floor, between the position of the first bonding is associated with the point that is adapted to follow a "halt" at the time of Ki 2 ? 5 Lij Kouki Rae building frame # i. The control device (27), call each car of the car, each floor isolation circuit is each floor and a car can travel to the switch for each direction, each of the car of each floor 1161 switch is associated with its associated from the direction K1 associated with car floor 1 near the direction of the related--car path and the signal generated by the actuated by actuation of the switch is the percent of the floor car threshold associated with registered within the car floor call associated with the call response time generated in response to the signal to the floor and the running direction of the impregnation of the associated with the first junction point, so as to may be applied to the 4i and j-fashion Li 24, III JJJ exist to end-devices and 4 (8):! associated with the car running direction of the valley floor of strawberries switch switch the floor threshold WL it is associated with the order of the ejection fraction floor in the car circuit connected to a negative K switch array is, these each car isolating ring is formed in each switch in each ring includes a pair of Aitonaru 1 Kn J42 suitsuchi and connect to set these amino carbonate -- valley one for each each floor and is a electromotive force provided, each set each floor the valley direction car can travel to the second based on the suitsuchi, such that there is a floor at% of the Gi, and close to @ is generated in front of the defined travel system is related to the floor the floor in the ring arrangement switches to @ so as to our existing, can be transmitted to the car in front of the floor of the car related to VC bee is generated in response to a call a call response signal at the time of the 11 + 1 of the floor and! glare associated with the car running direction of X1 may be applied to the junction, characterized in that it is adapted to the first 27 1-w1J (29) being mounted and each of the second comparative Suitsuchi is one of the traveling direction of the car 6 the floor has an associated close to the approaching direction and position of the multi-circuit of the signal generated by the actuated and run the floor and the floor in relation to the direction of the switch driving method, defined as the floor of the floor of the immediately behind rounding switch in the IM < / %) iv) to release the connection ring arrangement, whereby each car car directly in front of the own position and the line of the position of the located in the threshold in the direction of car floor each car car call registered in kyushu at the time for the 1-nine ide' reply no. the injury of the floor and the running direction of the that are associated with 1 to mark the opening point, so that the sword, characterized in that kilij k2 the second mark @ of the device 8 (80) lift the lower floor adjacent to the floor made the traveling to the rise direction associated with the suitsuchi each car of the second car running its associated to the lower side of the car in response to the ring arrangement related to operate to open the upper end on an uneven floor floor I [the traveling to the downward direction of each associated with a switch each car car @ 2 to the upper side of the running its associated in response to the car # i if ring disposed associated with vj evening operate to open the lever 6% fungicide and 1i2 and 1i: lg of claim 9 (81) of the sword. the apparatus with the car; talk about 10-15 is a valley of the mother, the solid circuit 27 to the io can increase width vessel and second distribution circuit, discharge at the time the second distribution circuit is 1 ° and the reply] signal generated by the direction and position of the multi-sense circuit g to the car c1, in addition to j second valley renal jv. 7. don't wear a sword to brother 2 insert the increasing width l house which the transmitter is associated. 1va of the earlobe of river to generate a call bell and the hall car polarized with respect to the no. discharge response time by the signal distribution is second them together with increase width vessel 710 can increase width vessel is combined added associated with the second car of the no. clique working level output corresponding to "halt" to the raw no. it is adapted to start, characterized in that first 19 # i, the first injection control apparatus according to claim 6 (8 2) in the w, 2 distribution circuit is there is a mek car j from a predetermined direction close to the anvil to respond to the call floor to stop wrinkles before starting the operative in response to the car 1 # ii disposed immediately behind the position is associated with a and the car combined added in the second of the zohaba make the same mistake as that is in the storage battery in the above floor noboru round out the car 1 e discharge response time and the v) go go to the running of the car side, the discharge at the time of the floor of the hall call back to distribute the darkness dance no. to wait in a part m5 + s u = ? iii 411 of the robber fly section, 1d (8b) the second distribution circuit is a part, there is a close to the car floor to respond to this anvil v the discharge stop after the start of the car to be responsive to the @ 2) associated with the jl, in the refrain from becoming the platform car] registered within the car @ take the call at the time of floor call format and the return of the umbrella 1-no. the running of the floor of the hall will remain the other hand cut bu discharge of the discharge response time delivering decorate no. ? in building frame 82, of the rice product. 1 # iron (84) the second distribution circuit is each floor each floor, and a car to approach the second junction for each direction of the sac, and the response time associated with the call the hall call has been registered signal is anvil and the traveling direction, by using the difference associated with the third mark 211i, the car sword separated call car call associated with each @ ? return the signal related to the floor where the call is sickle byun wild boar and the breastplate: 5 discharge end is registered associated with the running direction of the second junction is applied to the first 66, characterized in that the control device according to the yes (8i) is the two distribution circuits each car ? base of the second switching circuit, the second switching path% published by its associated multi-car circuit a signal generated in the direction and position of the actuated in response to the related to the increase width vessel second its associated combined added car position and the car traveling directly in front of the provisions of the method, wrinkles are located between the position of the floor liquor is associated with the second junction is adapted so as to be connected to claim 54, characterized in that the (86) the apparatus of claim distribution. the second circuit is the signal receiver is the travel time of each car of the second car combined added increase width vessel, the associated position and the car car is located directly in front of the between the position of the each floor for the car in accordance with the provisions of the relevant the position immediately before the time of the car of the car in the above floor in the traveling direction of the upon encountering the travel time associated with signal distribution, 19, so as to: not of claim 35, characterized in that the control table 10 (87) travel time on the valley signal, each is applied to the second junction call signal on line lu applied to response time point from the travel time to the rectifier 1b through the insulating line, its associated second junction is applied to a stand-by screen that is adapted ? in the control apparatus of the first 66 (88) of the scanning circuit, the selection circuit and second selection # ii and the first combined added with increase width vessel 2 i + g &l, the ? switching circuit of the scanning circuit of the announcement means the terms a sieve operation can be actuated in response to a travel system building, 2-defined order: code : floor l, access to each specific direction (definitive in the'il) each particular original signal corresponding to the floor generated, the separation of the first and second selection switching circuit, wherein the signal generated by the pre-run shingo f circuit responsive to the first and second combined added to ? increase width vessel around the each of the first and second junction of the first since the connection to the child station & beauty second selection is to increase width vessel each car is associated with a first and second combined added like increase width vessel, it can be traced, each floor level signal for each of the ? work - another car i anvil if it does not exist, the method according to the provisions traveling when traveling near the position of the folds in the anvil tk closest to the car] owned by an informing and second activity levels of ? work level signal (the magnitude of which is located in the anvil is in the regulations of the car directly in front of the nonredundant system is located in the position of the zelkova car to travel to possession of the activity levels of the inform) the scanning of the signal average, big1 and the level seven and a second selection zohaba tkip combined added force signal, the magnitude of the predetermined rl is generated in response to a ?, one of the hall call is in the shimabara ? corresponding to the good signal to the original signal of the li raw raw, and to interrupt the, characterized in that it is s4 ? 57 @ a ? nitrous ki. (ii) control law of the scanning lines, ill-hee disposed at combined added with haruka 11 ? of the output signal of the zohaba 11 both the 1 is that the level of the average or large, will be equal to one of the original signal exceeds this to stop the generation of the it is adapted to g5, characterized in that ki 1 l, 8jj mounted and o control end table lift: 63 present invention is the invention passenger transport machine @ shun bright technique in which according to the present invention is a wide car in the sense it can be referred to as transport transport device, the longitudinal 0t'a capacity increase width, more a group of jp-woo, the car of the elevator if unsuccessful # h! hearing apparatus #i, quiet but in such a device, the system of the present invention bright bright shun4 + car conventionally, in the apparatus, is operated as a coating solution of propyl, traveling in a car, it is impossible to alter the ze it is not, one of the hiroshi 1 width to the other end from the one end [7 f traveling back to the so round trip (round-trip), service engineer of the elevator at around 180 ° peel for tying up the passengers in the providing of the ?-bis n. what the u.s. space factor, the iron in the slightly some of the column for the y-car-like under the opposite of the one page of a heron pop in the departure ? 1µm noriyuki ifl to the side of the seat and the luck gag â serve 5-color by adding a long-kai? a tremor, summer. --million device t or the inner tie up on one of y the other positive from car transport number # 5, .. to infer than vc, 1 depending on the situation, to distribute the river 8 as car!! , configuration is also provided. such a car, the car is in the lump to allocate would (in general, [punching] and is

referred to as a ? j, that is, that are respectively of the car together to travel{\cs6}hatch, therefore do the waiting time of the passengers to prevent be longer that the efficiency of the device for the deaf, it means that the entire device is increased only in the operation of the mainly car end 91m of the base fabric 4 @ than that achieved by the advance \$lang akira more extensively to control the car has long lead 9 w, and is the newest car or as end point v in addition to a plurality of the car is provided with a configuration for controlling the multi-car elevator all around the car f between the distance and hiroaki exists between them in accordance with control by the service request-to sacrifice the basic round-trip type by contemporary playwrights faith without performing the above object, covered all the main object of the accordingly, the present @ bright than a multi-car elevator control unidirectional-sacral around, it is to provide a compatible according to the present invention, the number of rice car 4 passenger transport to the car of the car call registered in the number 17 and the s) getting on and off field it is surprised by the same ? two-way to the q, in response to the halt busyness, getting on and off field @ so as disposed in vc of steps field in two directions, the cries lowered tie up a defined by the car method itself of the valley of the respond to call each ? vc 7" one, the recording wf to obtain a call # p1 field, atsushi when they coincide with the running direction of the hall call, her majesty made official visits to stop so as to respond to an im device are different 'is provided, the apparatus 1 are added, the averaging the r11 open path l from one system (ql sculpted in the river make up for the 11 passages combined added ol, ai l'.sub.path before the traveling direction of the crack to the injection and the position registered in the lotus f in response to the call the hall call and the car, each of the instantaneous work level. and the present as a function of at least the hall call-me (1) from the ? 11 '11. in accordance with the constant from the position of the ship is located on the right to the position of the car when traveling is encountered, had a hard time getting on and off field is registered in the i-ii of the arcuate each car between the position of each of the getting on and off field while traveling in each direction and the ball to encounter a call is registered, it is determined each car can also signal the n-kai, a height of an individual' polarized white no. 5r bell image generating times the averaging of the image from @pieces w & it operates in response to the level signal of the working level of the average of the average level signal for generating reaction between the passage of the operation control of 1 o] and each individual average image level signal it scratches the darkness level in response to the relationship and the car to control the operation of the symptoms that as the axis%. @, i' punch control, work and ? xiao biasing of the working level level signal and the level, the relationship between the signal will be taken into account in the average working, located in the rear of the car from the work for greater responsibility level 1 only a predetermined miyawa the car is a hole trap call. gold negligible use i i remembered in cars and heavy and named it is located immediately behind the working level is mixed polarized than average level signal 161 at the time of no.1 exceeds the average level f bu river another car q in the work for the presence or absence level signal is one if the individual holes, this discharge with respect to the v port i = i + bear the use in car end direct service: 7, 1 slave is adapted to be selected is given! service for the discharge working in their registration no. 1 than a hall call bell, give rise to scratches, which is one of the following and the accompanying drawings, from the description and the preferred embodiments of the present invention. bu and other objects is an advantage to the yielded the following will become apparent, the present invention fin f7 in a bright floor i.e. the getting on and off field in seven of the shoulder, it will be described the equipment 3 power on a group of the electric motor and the brake system being concealed washizaki # e ', the door control device, such as equipped with many typical elevator system equipped with, as well as the general, m @ ? : most of equipped with a portion called by omitting the vibration with respect to the hoi geisha to simplify # naturally these are all used in the actual equipment, in the understanding the present invention are those that do not need in detail will understand essential it is equipped with a t-down, one skilled in the art of the present invention will now all of m and a main bunch of children can be carried out i21b brazing 600 present invention is not essential equipment solution, in addition to the sparrow ninth u.s. short confusion there is no fear that field and 4 to insert the 7-equipped with a sword is the same for the dwell, representative when only one set in the figure shows the same equipment and the bribery. bright if there is a need to distinguish on calyx of the individual of the car @ (ginseng !!--lowercase alphabetic character "b ra, rc.sub.j, 1 ° j and equipped with to wipe the reference numerals 1 to 6 and used for the prefix so designated t is so called furnished with 1 to 6 th respectively down and the top of the getting on and off field provided in order to getting on and off field means that fushi the equipment which is the dual inline memory module associated with the running direction of the beauty equipment is all the same equipment. the different parts of the figure number, nose it is discharged is represented the open-phase is broken coupled yoo sticks to indicate the nose is shown in the same library is the same character needs to affix the vehicle headlamp so as to hoi #. these #! it is a four-letter and pcb in the coating together of the publishers, arc.sub.i+r t et al., is shown in original figure number iwao. click the squares <noboru rounding to understand the car floor vibration of the memory "a") is a nickel-shown--fig. 1 will be described from fig. 1, although not shown, in the apparatus, this other units - 8 car, are provided addressed one point to t # k-paper-loading 176 g / electro kondankai no used in the ?. any of the known means of the ki, and amazed with car car [al (in this case) is corresponding to each field of ss, for generating a signal when approaching the car, depending on the rating - * honey each of these signals is getting on and off field b1 be in contact with the other hand or getting on and off field is located in the clever car ^ n position l @ l, yellow 1ct is generated in the circuit of fig. 1, each contact 1, to correspond to the tk-a of the tewi a floor to tm memory element e1 is connected to the output circuit is connected to each memory element from the intermediate of the intermediate floor ? getting on and off field to 6 * 2 of the mea mea output path or the like, respectively ei individually 2m- two associated element 2 ^ n) 4 itaru meu! af + 6 ml 2ml reaction with o, lli to 6 41-to the input circuit of. reference characters! character for a ^ contain no'/j, each of the car of getting on and off field from the threshold of the rise direction of the running of the car is increased has reached the traj continues traveling in the direction of b-like 1-such as when to generate a sealing means the polarity of the signal line from a-b + u sacro eaves by human power. reference characters. the character n ot of peak o unit from each of the q of the pigeon ik associated with the downward direction of the car under the direction "a" is ku-shaped takashi continues traveling such as when women being conceited information to generate a positive polarity of the known means to the input from the ?? yes light adapted to receive the end of the crucible. m-algae (?) is a one-way in the car-only travel not lowered bu these qp field to no combination of the intermediate element is not getting on and off field to d for each main ^ n * 2v 6v ie ua to a 2m to 6 & beauty toa-ua, the output circuit of the 2m each end 2a or the like and a memory element 1 and tm floor-e · tm · output circuit of im6, is -l- 6m 2m to the el elim, and -2d to the 4me-i a (intermediate), as well as getting on and off field for mtu-and-tmada (lowered end 2458, and hata@ field for 1l * of the kyushu ? signal inversion connected to the memory 41. each floor! im [j ill kyu-tm@p, the first f-as-getting on and off field represented for ^ shown in 2e-ndp: for 85c a + # to silicon, such as rectifier li (hereinafter referred to as scr). the control gates of the control each sc) 2c corresponding to the gating ga is connected to a floor contact 2, 8 and 1 (the first of the corresponding point of the floor in an unseemly manner so that each of the optimum threshing ika t, excellent workmanship is connected to all of the cation and the cathode circuit scr rod, fig. 1a as can be seen from the positive potential to the common resistance line l + and (ii through the resistor-capacitor circuit of the parallel grounded. 1 one path of fig. 1, buzz, the second a portion related to the operation of the getting on and off field hating each other, only the other related to getting on and off field 1 path @] work in the same manner. it is to be understood that [a from below. j is getting on and off field second floor, that is, the second position signal and the positive bu hawk to approach the contact via the at l-gate 2c to the rigaku "j) cr a total tighten 2scr a conduction car" is the second place to getting on and off field to be thin, sc-1 [represents the current flowing through the capacitor 2 of the anguished parents asking the qa, load the photoelectric f # 11t accumulated before 2, capacitor 8 is a single-pole n-to rebuke "yes other fault 191, substantially all of 5 as working raku cr (1) positive-yin yang incredibly brutal @ 1 o], what place to the ground path of the zekova, this time, the first victory in getting on and off field 1 for lowering the bcr has been operating the above, a sc: r1 (not shown). our qa bright capacitor 1 (not shown) is fully charged, the ika. a cathode (not shown), to maintain the potential that is from the cathode to the anode 1 ^ n a (not shown) city, king ra scr l5c 'if lower conductive holding the field below scr takashi i5c of the car a, "a" 4f first passenger definitive field bu position of the is completed. similarly, the tung ra at the position of the "8" of the memory, the building as one of a floor for lifting the memory element memory element is transferred to another working floor intermediate floor and getting on and off field) for the memory element, for example, to electrode potential of the mea, (vi) #l.sub.via the boric af seki4 and 1e2 w, not a + e% ua and 2z 'is transmitted to the both this and si + positive potential (fig. 1a) the blocking on the human power signal and a car upper punch. "a" with the other hand, depending on the traveling between a human power is in another proxy. shin ui or @ j, a ye + l of is a 11q to the human power with two blocking wish is applied to elements in the eaves z in the base of the transistor 81-i) by the potential d@ saturated with in-intra /> This:; F:, Xp is the predetermined car" is the second to about 1.8 a getting on and off field of Kabuto (j ++, in grow numb with cold 'rising from the Ax in the decreasing direction, or what?--run, as well as T' f69 described with reference to the similar conditions known C transistor is conductive, the conductive and the i '+ thousands, and ivy (4 + 94 + l · B" is: f increases from a positive potential) f11 7i. "i'/a or 2ML 2M !'i' D j times along the corresponding reaction 4-a or Q-

EU2 + I 2in is applied to the base of the transistor of the ? 81-driven from the negative bias to wish to the base of the transistor t 'saturated-result-related inversion path 4 through a transistor, the collector voltage of at from the supplier is a positive potential, the potential of the diode 2 Bu) associated with the summer or stuttering 2 h (Ke ? FIG. 1A), along the output line 2U R-G group a or 20Q for-Ak, the potential applied to the first Zener diode 2 from @a or a ZU zI applied 2 Ja, seven Zener diode the magnitude of the breakdown voltage of attack the zener diode to the sufficiently because more than 11l, output #! respectively individual-2-MU) the a, a or 2M + causes a negative signal as described above, the AIT lowered VCI #: field, ^ 1. These end D elements @ not provided with the inversion-type for the car-parks: open-circuit E--1V. Ua and TMEDA floor and T associated with memory element 1% .. MEA-a ?-pass position by receiving electrode seal straight operates on next, the second shown in FIG. 31 bacteria to increase width vessel and the four arithmetic individual switching circuit arranged on the ring, these ? expressed on a part column is Zohaba ring 4 & car. I 4, the valley is close combination fourth width unit. 9; do distribution and IQ described later for n, call selection are those found provided on ? and the valley width. made an example of combined added ring 101 used as a means in the apparatus, the path, the other equipment Z' and the assembling apparatus together with big first distribution means the distribution-path (b) "first path means, stage of the Masuoka Lab. Combined added 11g for dispensing a ? ?-switching means is a ? . each evening. 11-b can be a car from the floor 6 sadayuki. FIG. each of these switches on the second end 8: reaction 9 as shown in FIG. 3A is connected to the two transistors TR1 and TR2. transistor pair of collector CO1, CO2 of each switch is adapted to two input circuits of each switch1 is diode-collector (diode 1 (· chain up 1.2 L or the like (second features facilitate FIRE1; and FIG. 6) by the switch Q2 and the collector C of the insulated another diode. Moreover, in this set in the chain IUF Te2) 2 and the like 0.2 t (FIG. 2 and FIG. 5 is each floor switch 2k, collector CO from the traveling direction of the line toward the force=floor floor subsequent switch associated with the collector is insulated from each floor to switch collector, one-point-to-U" thereafter ? Yoshio11, LI with J21 or the like connected to a resistance-t times n, from each of the closed Wpr child ID through the IC and the like, and the FM hair IU temple in ? 8i. O1 to terminal 1D 'plane normal ?', as moderate, sail-like) source (Fig of the eaves-shaped valley line - 1) No. 4" format' foot euphemistically calls time V (connected. Even the installation to flow single source comprises one 5 in accordance with the time scale of the current for, Dan resistance associated with each terminal-current flowing through each of the direction is 4 run a car from the floor to the floor, the corresponding rated speed traveling in a ratio of 1-wife Ya by the above-mentioned time size to UF represents the terminal or the like, Mi8'+a series of discharge reservoir of the getting on and off field and the traveling direction hole 1V, predetermined time-point indicating that it has been registered in the Saku'i-f flow for flowing a positive polarity signal shown in FIG. 8 total generating equipment, each switch is connected to the collector of the stupor CO2 is the other of the first junction J12, J22 pair U U%, f # 2, resistor connected to the from there through the substantially t-ki respectively f, (6 terminal (ID GC1 and the like, and sf5 is connected to the terminal IO. 61 or the like! C (a Group 2 car floor, car can discharge Mamoru replying to I.sub.ij if a place against n by the size of the duration of time with the ? represents one current-flow, in accordance with the time scale of at to shed 1 'associated with resistance circuit to produce positive polarity shown in FIG. 5% VC. Contact equipped with bright patterns (kasuri). Push the open-circuit element 1, for the purpose of die 41 or the like and 10Uc the U (S (5) each of the floor 86 ° you switch collector is connected to the co2 and the pipe resistance I discharge and e. circuitry is discharge hole transportation communication required to bed, don't reply if these collector is supplied to the floor input l j flow all car smell call. To reply to be proportional to the time allocated to the It has become way. 14 (7), 4' + 11m; T-Ba, o (TBB 171. Koichi Ltb e do. Each car width unit, thin the switch arrangement of the human power drive of the Yuzu / is connected to the output of the human power. a number of a width unit that one of the "in service" to the contact of the switch is, of @ series switch, as is known, one group of car 1999 is in operation, as in contact with to 4 test n 151a and the like so as to close the thread for purposes of explanation, the switch uses the associated{\\cs6\\f of the load in the car of each car, full load or the valley t9 not double the percentage of r foot, car or a series in the sudden stop switch is engaged operating as described above, unless it is assumed that the BS operation increase width vessel 4 ? C T ° means not call the union hole the switch connected to the fourth ring array. Run Time: This start switch (Fig. 16) contacts SB1 coil circuit, there is a F-S-propelled -1l start switch S call selection run all means mounting means when it is operating, to operate so as to close the contacts when explaining the operation, FIG. 2 and FIG. 5 allow the of each switch of the transistor TR2, respectively, R1, and is usually of 2, 8, H ^ pace ^ 1-B, 5-order signal applied from the non-conductive and the negative polarity bias gradually. My car switch associated with the switch and wait upon a bias of the switch associated with the floor of the car being anxious about living in proximity to the associated switch that travels in a direction not related to continue with chronic, indicating that the positive polarity roll call 1g is described by these signals are defeated edge, 2M-8l + Da ... floor or the like through a memory element corresponding to a T.sub.ML to pot a temple (first 61), or the corresponding data values is 2MM MEU wisdom books or the like you a Hata (Fig. 1) E from each of the Ndpa the Ge: 10-is intended to be applied to the driving means it is not valley assembling Bailly, switch r series switch, Ti ? floor direction switch, run a series combination is being scanned, a blue semi-b indicating that polarity is compensated by sealing defeat these signals. Miss-IMG US (Figure 16), through the l)) is applied to the switch transistor 1 is applied to the base of the transistor to each signal of the adverse current sum series-like you-diode conduction, an E-/ IUR 1.1 2 No. or the like from the retarded by human power 1! # A conventional double. Q .. TBA J or the like to be transmitted to the 2. A line-PM (Bow Al: J on 3A,! tombs hawk on car and confidence, "a", human power signal each transistor TR2 the base B of the bias value A2r this inertial l (J, since the rabbit The inventors of the ", is a transistor is a field associated with V 4 V) ? drop may start the stop operation after the non-t-no-signal A song. This car is @ with respect to the electromotive force, a crying to console n. This will spread between the Shinto god as means can supply a signal concept is omitted. Express sparrow similar signal and car car b-1 <r@rc.sub.J has reached the CS6 switch 9. also applied to the following line - a 1' on the ring for the TLL scale is completely 1! If it is run it will be clear to one thousand, now l switch active in places widely apart as described above has reached the applied to each switch signal H. The collector C of the diode 1, 1 to 22 of the switch 1 or the like, the collector COL, a car 2 and the insulating wish one series "each switch transistor TR2 of the '4!! il is associated in until the start of the sounding stop 4 by lowering the ? 4 field for response time + !! Call & # + 01UC l signal path I u I6), CS (IO + SI and the like are seen in the 1, the getting on and off field to the warm-up starting point) song until Hall for the transistor TR2 via the collar in getting on and off field to near the equipment is associated with a ? width calculation so that 4 this point C, the transistor TR2 is non-with like)? 4 to the signal line 4 and the connection of the API FIS in cutting 10, the getting on and off field-shooting d is stopped in the immediate front of the equipment 1 of the helmet is related to the width unit. Switched to m41 and m + o-OT QIJ TEJ (a%), T@: 3 C ^ on the OTF characteristics of the biasing's image ?4 / e point h1a from S810 is when a1, b coerce you l, 0 sl, 1 counter to a settlement at virtual ground is is adapted to be practical purposes, and the hills are. This first input of each of the junction of the back light 11. 14, the switch connected to a transistor in a diode chain IU RE1, RE2 or the like in the cemented jj l point 11 J11, J12 also appear in the U or the like may be considered in this way, the full-getting on and off field is associated with the robber fly input 1 minutes, exhibited by each virtual ground of increase width vessel, increase width vessel it is received by the increasing width a is applied to the signals of the other prevents from being compatible, a 0% weight increase width vessel width is associated transistor switch are connected by a first bonding point VC has reached the lowered flirt with hard for getting on and off field and the signal and the row direction, the rear of the next increase width vessel is connected @ both points, first insert the cursory = a field and the darkness of getting on and off field in response to a signal for not only by the addition of iso-kai. These generator is calculated from the weight of the B4-th"), rabbit (viii) Conditions regarding the human power, a negative polarity signal, the memory unit of FIG. 1, the Floor 1 switch via hiroya signal applied to the transistor of (is offset) at one causes to Blindstitch the inside of a s) used. As described above, the arithmetic device according to the present invention known increase width T8a OTB TB% B, C and O TBM adding together their not only human power signal, reversing them as described above, ze. 1 (width 4 et al., human power, the output signals are all positive, negative zelkova signal.: 11 End 4 and 5 of the switching circuit of the at least one ring in FIG. 6 sequence from one of the ring arrangement is provided for each each car, car l these separation means substantially ! call, FIG. 2 and FIG. 6 described above together with the switching circuit 00 distribution circuit forming a unit 4 and filtering circuit of FIG. 5 associated with each floor to this car is traveling in each direction of the floor 1 it can individually group G e direction, and the floor of the switch ID and direction, such as meshes of O8- switch ID, and the like. GSM, 5U 5U 2D Sax C8a, C6a Q and 2D FIG. 4A and shown as a typical example from FIG. 5A, each floor scale and direction, so as to group A, switch or the like of the transistor TR each floor and direction, or the like individual switch ID of the transistor TR4 C3A-FIG. 4a. As is clear from, each floor and direction switch 3U e group switch (in this case A5 is the base of the floor in the memory control unit, and each car is associated with from the direction of inverting circuit group output Ga (1), 1, 3, Li-K-C Gb and 60Q is connected to each of the base 3, 0-b ^ 86 + 8 signal is supplied through the resistor from the positive polarity bias is applied to each group of each car M3 switch the resistance of the emitter E via the connected to the hoi-85 + I 9 in the direction of travel ahead of the car floor (?)

associated with the collector CO) group switch 5, for example, is connected to the LJ-G3 group Sa in the case of the emitter E in detail. UG 8m M6 switch Z connected to the collector C of the car, + group saw the collector 5 can switch the corresponding tree in mourning and direction, the base B1-compatible Suitsuchi ^ 4 is also connected to the switch 5u. For example group a, the collector C (J5 of the tree 111 Suitsuchi and direction, 5L ^ 4 IC8a is connected to the base B of the <0 of 17t (-1 in FIG. @ 4Furthermore, from eight each of the floor of the valley-car and direction, such as a switch C8a base 8 Iu ^ 4 car floor associated memory control unit (and the direction, of the inverter circuit of the output I-VII ? in j, it can be seen that folds shown switch 3L the base B IC8a ij ^ 4 -6 EUS inverting circuit (FIG. 1) J4 of the ?-Ja (1)-AT is connected to the switch, and direction of each of the trees-4 day the emitter E of the switch M4 is grounded as a representative 3U, as shown in C5a collector C and the floor of o4 of the car car call registration means associated with the associated timer @, 3C (Fig. 7) a (7) output from the 3CC terminal through a resistor 8K associated with GC is connected to the FIG. 2 terminals 3U and GC8 is, as is apparent from FIG. 6 station through the resistor circuit 2 and diode chain of FIG. 5 1L1, I 2) of the diode 5U IU RE1 and RE2! the junction between the first input signal to the UT32 is applied) in operation, the car, for example, "a", it is placed in, for example, getting on and off field to the east-discharge the car call is registered, the registration means, 6C brazing ? timer (7) and the reference line, 6, from the C@s associated with ys, through-a-c-a, 6u, the collector C04, a sealing is applied to the polarity switch 5u th] @ Cs, and the transistor Tr4 through the signal S when most of all of the collector COL, the resistance in the circuit 141 of the dissipated in the related. J in accordance with the signal terminal 3L GCS, dust does not crack at the position of the soil, but Kerr a sixth field while cooling at the time of come car is close to the sixth inverting circuit memory control unit floor raising-3M (FIG. 1) is a line a-a (1) mu negative polarity signal, this is is to generate a switch 3L ^ 4 IC8a is applied to the base B of the transistor TR4 is non-conductive state. in this way, the car call registration means was operated timer 5CC from the positive polarity signal line 3 through the CCA GC8 corresponding terminals 3u, the "a" is applied to the will-call supplier for notifying the presence of the opening 9, the memory control unit operating at the time of inverting 1g 1% sixth floor raising-3M-by a sunny 6ML ja (I, J of the negative signal generated in vain, that is, the fourth car getting on and off field "-" in a building at the time of traveling on the floor 6 brazing following encounter switch 4L J corresponding to the GSM of the emitter E of the other MS is applied to the first car 4 * is upwardly is not close to the jinba Noboru ? # B6 switch 4 from + G8a is applied to the base 815 by m bias is in a conducting state. As a result - the end Ua: 126M from the negative polarity signal switch 4UT Jsa emitter E of the sword, the mark M3, U6 and the negative collector co switch Sa, to drive to the collector of the AU C03 C8a negative potential is the base B of the switch 4U A4 because it is directly connected to the switch 4 UCS a is non-conductive state. Therefore, if the car call registration means the car ridge r Aj getting on and off field next fourth incompatibilities that is bound Hajime cooled 91S C if it is a (7) C is associated via a signal terminal 4U to the positive polarity is applied to GC6 may be the same manner as in CIGS, lung switch 4L a of the collector 6 of the negative polarity signal CT'+a group switch 5U of the emitter E t. M6 to a negative if the switch is conductive, the DEBUG if it is in the Sa, the collector C06, and the second lowering the negative 5 * bound The dragon and discharge for a car? ml of a non-conductive switch b ucs-b C, C become a (7) polarizer, along 5U k m child sealing no. incredibly brutal GC8 this operation is to mark the opening ? " one liver switch collectors (in the following, the ring from the emitter E, the switch M3 to the emitter E of the group M3 to 4 of the 1 itself collector Bu Bu 7 to the sword-a direction to raise the lake in a building to buzz with I-?? group ring switch is non-conducting state is continued until 4 processing. The group or the group consisting of switch associated with the other of the car car of the switch, the switch is associated with is provided from a direction close to the getting on and off field in a non-conducting state switch 30G, for example a car group Sa is squared N is from below the second field close to the getting on and off field toward the fourth direction for the immediate memory unit inverting circuit 1 floor-3M (FIG. 1), 1a-5-ET b or c is negative polarity 31v + EU <Gq 5U, W-Ga (1) G-b or 3U 6U-GC-occurred on the switch from line B3 + 3U of the base B A3, a bias being applied to defeat in a non-conducting state, switching the direction of the car or building material associated with the upper punch t can continue in the condition J-DA, b-L-?-U on and DC switch 60 GSA salmon. 6D (G, Isb: Jc and 6D ^ 6 the negative polarity to the base B of the signal is applied to the these valley switch becomes non-conductive. car is traveling in one direction as relevant to continue under 914, so as to condition that is associated with the 48-a, and ? D-D-Oob and DC switch 2 through the J2U group UG Sa Ugsc GS b and 2A5, the base B of the negative polarity signal is applied to each of these switches 1 becomes non-conductive lowered upper punch. or car traveling in the direction of conditioned to continue to positive signal known means capable of generating line of the'1 + DD +, U Oa and a already mentioned with respect to the signal from the relative? yes such means, such as a Linear-a and the like on the ring and on = DD, it is possible to generate a signal Yes the other hand hl of the position and the running between them ": a group switch in a non-conducting state and, by operating the 4-ring arrangement ? of FIG. 5 is a directly in front of the car and the car is located on the skeleton 153 and the darkness of the lock placed in getting on and off field right car car call is registered in the registered in the all of the call may be ordered reflect carefully from the 2 and 3!! ring array II J each car-hyun is cruise to calculate the work to be taken into account on the former bamboo shoot a rounding function call is applied.+R 1 'if the car condition in response to the reticle 4 and the row direction of FIG. 5. Link direction part of the arrangement of the count upper punch and the lower second one-way tree liver Suitsuchi 6 floor switch portion of the second group, by operating the ring yoke @ 2 FIGS. 116 to evening. i is one of the four-close to the getting on and off field immediately nuclear force is positioned in front of the four already is getting on and off field by fraud can in a state of being metal 2 at the time of car call (i.e., ?), note the downward direction direction portion 1F · 14 1 degree), it becomes possible to consider, it has been prevented from in addition to car is traveling in the direction in which all conditions are n 6-? floor with 2 banks of 6 floor down switch and switch the cast group is activated, the car # n between the worker a total of n! h' key. 1 l f J J in order to perform the service fish preserve the time that is predicted to car is represented by the immediately (Valley is located in front of the vessels and the car from each of these meter), carried out in the ai Isoba-Trough Level I to travel forward it must call to stop in, it is only necessary to the NYK, however the car is traveling in the direction the end: 13 already gone through with one 1 r i take the call tree ? mischief it is sometimes be registered in this call is treated as it is as it is car is traveling when run by reversing the direction, it is possible to cancel the OA3 is inverted! After this call to register so that it can return may be left with respect to the car, when the call is not required to be servicing, in other cases, a service corresponding to the Ke after inversion by a perform a reversal yasugi *) as a result of the car in front of the front of the sound there is a call to the water passed through the car and the present and the front of the gold at 10 minutes the achievement meter ? ? crush the gate to behave in an unseemly manner is not taken into account in the go-tree No. the discharge between can be regarded as ? in the second tree to open the switch using tears to get the way beauty first group for reporting the pre-inversion of the car equipment of the half-time in the ? 's forming a vinegar to this call is being L ') is not able to have the first coercive 1 from the upper punch and the tewi hole f times the ? sweetfish call. the known arrangement, the hole as the electric resistance welded means call recording uncountable valley were nervous% 20 conductive tube gas IU Temple is one is provided one more j sixth hole 5 UV wood ten stages this discharge, shown as the root of the zelvova sufficient if legitimate! 4 ^ N B4 + of the positive potential is connected to receive a signal .theta.d & ? task meshing ratio means the electrode C is connected to the child each other or the like through a load resistor IU LR of the secondary side of the transformer TF@B, one of the O, cascade to the secondary side of the four sides of the base 0 side of the passenger is considered to is adapted to be touched by the finger T8 tube of axle load ri Valley View of the zelvova glass outer # N is connected to a point close to the vessels and the load resistor 0 each of the CD is closer points in the coding, the minute hand, Tesseikai Neurosurgical uncountable EIU pillow 1E, 20 or the like means is internal components. circuit after. Referring to FIG. 9 middle of the celebrate each coding output of the resultant force of the provided for each minute-instantaneous gas is a 175,000 · LIH LIH point I is connected to the% 2, for convenience of these engagement contact -1-Iu + 8J for a% Zu Temple t H · l "is set long-shown with consideration of fc san with the output from the minute hand no. I burst into leaf 20B to the UO, flirting with! k which is the lower Lr of the hall call and the car on or all known I # to determine the gl ? starting) (FIG., Are connected to all of the vehicle 2 o, as is known, can be common with the switch circuit comprises a hall call and the ding on 14J X and L for JX (car "-" switch to the first shown in FIG. 9) to operate the channel selection to the individual Liu rounding each car B8L of the brushless HH from LH8 (car J for the first ra brush shown in FIG. 9), input via the each car and terminates in pairs CH8 and brush car U (U [a1 extending the pair for the HBA Hata pull through the OHB shown only), the getting on and off field associated point-of-contact is provided, a possibility is associated with this car is whether approaching monk's @ Series to a call when the getting on and off field ", and the like, and a dormitory UH H point I and the biasing each of these temple to brush the amount of the non-stop to S pair of relay-to-N round image point 5 to pocket 18L extending jj NS2. i non-stop relay is pulled through the OH brush extending OHB B and the same for each of the each car is provided in the 1-point N3, NS2 be envious reaction with car (which incorporates "car, relay SMR1 @ * valleys noodles, provided in 1 and 8) is M2 difference between this ? column in monk's ?, relay 5 MK11 except a on a shown in Ayu - samurai and the contact the car starts to ON-division (2 full-? with the car can be operated as will be reactivated

Wei-like bed of straw! to incredibly brutal uncountable is released, as it is known O contacts I-S1, NS2, SM? · s l and S means E (v12 is, U, and ECD No. through hole extending respective car pull through the reset circuit H9 discharge stop (these are both turn on the car J shown only rs) is connected to the call and the reset circuit 4j) hole-since it is known, it is shown a block diagram FIG. 1 is a 'f, small sparrow! in the internal component abbreviated scale borrowers circuit includes a first to be described later. FIG. 9 vessels will reduce their negative electrode CO and the resistance and the resistance R the darkness of IL in Foshan, caused to murmur also block diagram is shown by the 10 hole It is connected to the discharge interface circuit, these circuits are negative anti-bamboo URL or the like regard with displeasure," Lee (% output voltage generated is applied to the these no. @ conventional equipment and timing circuit IC of Figure 6-transistor @ Li, and the like, and FIG. 8, CT 1 Figure 5, shot 1! ? 19 the circuit of both a forward and inserted, ZE 4L, that is, A 'engineering fabricated by the end 14 and in: these are i-i) interface of old") of g component V A & beauty! I JJ J C circle, WII No. V-t characteristics in the evening, and. The First Shot at the timing of the nail beauty first 6ID in FIG. 8 Ct or the like as well as FIG. 19 in FIG. 15, the S in the input circuit of the characteristics of the transistor a compulsion system is dependent on many variables, that these JP 11 interface circuit of the order of the evening, it is disposed aperture is not practical, therefore, block die only. Akram II CPU each timing T or the like FPC, Figure 6A-i, and the transistor H5 to all these I, who runs a transistor the base B A5 is the valley] taiedo world through the busyness abcdin]floc of ayu fishing Durham requested of the application times · J is connected to the coated film to be ^ of the ivy EMM 5 between the opposing eaves Hiroya RLM code : in the a ground 5V be the collector col# 85 + L K-Position # C, a one is transferred to the timing of the Valley! 1 output of the li-m-A emitter resistor matchmaker Seki also taken out 1L j a'.sub.i all raw "uc-temple 46 of the diode 2 and RE-chain injured by gunshot ILI1, IL 2th" in the temple-VC 5. intra-cutting edge of the base 5, the transistor "^ A Thousand, respectively, resistance 0 times, both the rotating balance wheel column 6 It is connected to one Jackie M f hall call registration means the passenger is one axis of the T sickle double voltage divider 238 and the secondary side of the light supplied from the flow of the ground potential, a passenger capacity to catch ? in the circuit 1 play is complete after mounting tube, yield ("button means is activated, passengers, in% hand from the Seti@billion ^ N) 84 is connected to the permit + and 4-a and @ of the threshold by the administrator, and the conduction of the conduction and the O-resistance good because the OJ ILI, etc. corresponding load across the distal No. tortoise shell during the positive occurs. H the potential is associated point-of-contact jet a% b, Iu IUH, HC and the like, nine times applied to the io interface @ also applied to the outer halo transistor e 1 Channel I, their corresponding timing (b) LI base 8 ^ 5 of CT or the like is applied to the circuit of the resistor R5 and the capacitor, the time constant of the circuit of Q5, Q5 is so very small to interface circuit 10 to a potential applied from this potential is very rapidly charged. transistor TR50 base 8 ^ 54C transistor TR5 to the boundary we saturated, plus or minus between -15 11 base positive polarity output signal, since the electrical conduction or the like through a bone-IL and JC FIG. 6 or the like, chain REI diode IU to be applied to the + 0 in this (i-The size of the discharge, the signal corresponding to that of the assigned to car must respond to time Q) 11, call for a number is assigned to respond to, preferably, [i-car car call to cancel the prize to the start when traveling between the Submit Run is stopped water spent the average interval to normal l i1, this interval! means in various ways can be determined, the two North American car floor between the position of the rated speed up to pass through the travel time and the floor of the hall call the go stops in response to a measurement while traveling-time spent * the difference between the with the other methods those skilled in the art will come to mind o 'in mind / Im is b with thousands of Xiao bed in Kyushu, response time to be longer than others may be pre-assembled in this ? ? is to response time, these floor signal is shown in the timing circuit IC Gorge Uc of the Vv resistor RE's content, both M5 and TQ5 (mouth or one of the size J phase e Ndpa Ge: 15 table correspond to, it is possible to adjust by changing the state different from the further in the bottom of the utilization-time or different the same day call call to allocate different response time may be desirable such a different state or different this time corresponding to the imine, a call to a different value! component circuit operates to + 1% readily obtained by using the switching circuit can be performed in a building waste treatment facility, the multiplier driving through these carbonates one among the La or the like brush or GmbH Ba and the like biased Hata Itc point 1 or the like, the potential on the ?!--to encounter any of the contact point N. However, the SI- and NS2 M1, etc., or contact S Hata - and 8M car 2a or the like is closed and signifying that passengers of the call that you want to run, traveling in the direction coincides with the direction in which the biased on the contact potential of getting on and off field U% brush 8a, etc. H8a or the first to be transferred to FIG. 9, as described below with respect to potential, this potential is urging the is suitable to solution No. 9 stop and reset the hall call and the four-way H' etc. is energized, by known techniques, associated with the getting on and off field is started, begin to shut down circuit H and stop, etc. of the light amount of getting on and off field positive potential to the selector contacts (not shown) is applied to the cathode of the conductive, the potential of the tube in the tube CO conductive level as becomes less voltage drop value since raising the arc tube to the call registration means, consumption and to this the call is canceled corresponding transistor circuit IU for tying the input potential to the CT or the like is removed, the capacitor Q5 to the transistor TR5 charge disappears is conductive. capacitor Q5 of the discharge path of the emitter from the base B ^ 5 EMS, and through the resistor RE. This circuit M5, the time constant of the hall call within the time allocated to the selected charge disappears. No. or the like on the ring line + UC of the above capacitor Q5 during the time of charge disappears, from the time of the 'canceling through hole call to decrease as a function of time, the time has elapsed, is completely removed the order of it is not, that is, one representative of the car car call for "easy" of the sleep times, shown in FIG. 7, Yu Shields et al., this circuit 2 a coding means includes means for and scale No. Fig. 6 except that it does not call the rise and fall of the swinging hole g1 is similar to the discharge circuit to be used in the hall car call registration means registration means tube is the same type as used in the 0, which is the lightning load resistor 107 is a load resistor CLR a or the like, or the like equivalent IU, LR is getting on and off field Aa like car call, brush contact 1c and the CAB call-stop and reset discharge circuit CB each contact hole 4h Sa IUH getting on and off, etc., brush and OU hole HB · 86m, discharge stop and reset circuit is the same as like H & a force-circuit 17005, call call interface circuit 12, the hole for the same reason as also provided in the car call registration circuit silicide block, which is also for the same reason, it is shown in the Durham these interfaces tying circuit IC output of CTA-no Sato Inokuchi, a positive potential is supplied to these circuits, [1c shown in FIGS. 4 and cm!, along with the output signal of FIG. 5 applied to the 2 is a car to respond to the will discharge represents time assigned to the cabinet 1 also at this time, so as to disappear, except that the timing circuit is the same as the Client GUI or the like interface circuit 12, the output of the 111 of the mfi-through common edge R, the discharge is also applied to a registered in the car J and the line true positive potential CC # new signal is obtained RCC of NAND gate) NC Ca is connected in the NAND) all other gamers NCC NAND gate the output of in the same manner as in N small circle O gate circuit, shown in FIGS., appointed by a symbol shown in humidity in the gate of the C-O-R-C on A * = negative, * to generate a signal of the signal on the car, that is, if the "a" to inform Ii * A * c call an on signal to the positive potential of the c-binary 1 ", it is not binary 1 signal is subsequently Ca amount the signal generated line RC semi-binary signal. If the latter, the former is T0 signal is a 1 signal, shown in FIG. 8 OH · P open time KJ is dependent on the FT and the like and the switch 104 of the timer IU F1 or the like, each of processing of all of the elements of Figure 6: 16-FB, brazing means, call! provided. (@) LL each tie of the FT and the like Yunitsuto J in Fig. 6 Lo of the hole the true discharge interface circuit is connected to the attitude of one switch 1 F1 different each timer Lj Temple is connected to the output of the switch is in a slump in each of the output IUF, etc., has a "p, the output of FIG. 5. 2 and diode 2 or the like, chain-abase self 1IJ on FM or the like, are connected via a shown in FIG. 8, Tj ^! as Y1, each child!! One of the warm up sake # 1m 1 a pair 2, anti-anti-Japanese salmon Input line F (6) Prima facie trial ? is connected to the capacitor 96. 7' ? Q6, a resistor RF2 the same terminal of the ninth transistor T through the orient the piano keyboard by selecting the View 6 of the beeswax / t [M6 is also connected to the other terminal of the collector capacitor Q6 have, each of the t6 of the transistor M JTL U * V / I f5 C06 "KI III TL. The IR4 of the transistor TR4 base-gon ^ 6: capacitor Q7 and the diode through a prima facie FRK effective input line 1 connected to F18 switch 1. Each of the Fth, f l in Krakow, the third largest!, 68 the transistor of TR7, TR8, TR and diode 8 over-RI? plague EL of each switch, and the transistor TR7 and TR8 EM7 of ivy and Tmg EMC common resistor R to the ground through the base 8 ^ 7 of each switch of the switch timer 1 of the FT and the like corresponding to the MTJ is connected to the output of the Tata 0 each 7 7 1 the resistance of the CO individually undergoes one of along the line I6 + is connected to the positive potential from the source, or another of the ninth resistor R SEKI CO 7 through the transistor TR8 of its associated base J ^ 8 w1, the electric resistance welded ? and from there to the third one of the resistors R8 ^ 8 is connected to the ground through the Suitsuchi tsure, each of: the collector 9 through the separate resistance-aq 86 + positive potential is applied to the storage battery, also connected to the 'in its associated gray Opa-diode 11R through the l [1 associated with the base B of the transistor TR9 to the ^ 9!!: 1. Each emitter of the resistance [m? RI Hiroshi threshold through the Jik FM 0 contact storage battery m of the output or the like fill Jf ivy coating and the resistor R j (MW and extends from the junction of the sixth, the hole described with reference to discharge for 4U and a positive potential, discharge S in the signal interface circuit 10 (FIG. 6) and the signal a corresponding output of @ to appear related TEWI

TOF-like along the resistor Rf), through which the timer Lt of the FT and the like associated with the J and Q6 to charge the capacitor l of this call is a predetermined time if continued, 1 Noboru supper fluoride 1 yen, the charge Q6 accumulated in the JTRS related intra / Ji-nu to saturate the 70 base\rdblquote will be sufficient to and the result is that the transistor T7 is turned J III, *@4 + on the positive potential of the medium from the coating 7 extending! co-J 7JJ TM7 includes a common open-resistance current through tmcS Wataru ?! Shinji erroneously ground this path is 1km, the resistance between the C0!c 7 and I from III ^ 8 grounded through a ? in the column circuit, and road pco yu lowering the potential of the decrease in the degree of # I F-life are interconnected @ a pair one of a value of null point @ downward, the Maple because you pre-mar0 2,2, y l TL11 non-conductive and the rounding! because the potential of the tsure play over 100 - r diode 1111 don't tend heavily toward @ [1 standard for flj, sufficiently increased, the anthem ', diode-ku, impregnation - Seshimeru conduction, escape from the base of the transistor TR 9 (c) results battle is saturated, the transistor T is conductive ii hole 9 on the positive potential to curry favor with 6 + Kore CO-ku?, the emitter resistor 11 -9 and associated indicia 11F through point-IL flowing through results of IEF and -10 O F-resistance occurring across the KRI positive polarity signal of the output, respectively, III1m1 via the LLI FM and the like of the diode 2 and the chafer, FIG. 5 sound / IL Sili Jj LeL R [2 junction 1 is suitable to be applied with respect to the II4il · J 11 L @, the hall call is a-b, and FIG. 1 O1-path of the first-IL to mark J 1a1 FT-positive value. This Li is removed to No. 9 the timer J [5 TL to the transistor TR6 of the FTL-based-ik to the ^ 4! The beauty, for diode 72F, Shinji domain 11-membered Q7 by pulse is fluoride base 8 ^ 6-A1s is saturated, the base ^ 6-? 6 transistor T is turned on, the resistance between the isamu fts emitter extending through k CO4 is low-resistance conductive path is established, enjoy the different call is then folded the response time Ia1 to wait for the order of 1I 5 I !? so as to expose a criminal matter content of the tortoise shell: Thermal Barrier end to discharge the capacitor 17, during discharge potential of Q6 is transistor Alternatively R7 associated with I ^ 7 Ku-v base B taste this 1-position is a transistor TR7 to the fence 4 minutes with light is removed as long as the potential and the transistor TR7 is non-conductive, as a result, the transistor TR8 tewi and TR9, to return to the state of the beginning 9 IU FM or more coordination is removed. Now is a call from the it! I1 arrow e-joon Vlu is reset of the FT and the like at the time of connection from the darkness # 1j is a predetermined however out call legs for more than \registered time) ' I 'IA-I switch 5 or the like is retarded LUF UFM positive polarity signal to the temple 1j It will be appreciated that the child equipment of orchid. 9. FIG. 4, Zohaba T8 more human power path calculating G. These circuits are individual resistors 8a through the 1 wt 1211 TB bis 8C12! I, T1 and T 1, crawler Bi + 2, these lines, FIG. 2 and FIG. 3 of the ring-immersed from the array of multiplication signal double negative electrode 1 caused by the fc receives atn i ', 11I, II of the resistance car! "Davis" switch 7sa, ISA contact 1 of lsb temple and the resistance through the passage for each note a car make sound increase width vessel disposed on the periphery of the device 5, 8 by 0T" big ?? force IT] Ti-Liq ab01c and ijp o'iu-TB applied to the Kunming is the sum of the signal /%) / the total darkness therefore exaggerated in workload of Dankook University in G, opening .delta.0 of demon TBG knife member, in the sword-hoi hizu # Davis, divided by the number, so that each ? in proportion to the average the workload of the function-FOT (8Q'-less, Zohaba / J, the J to drip down to its input 10 no. slightly delayed with another feedback is Ni on the platform device according to the present invention IBOA TB in a temple as noted with respect to the input increase width vessel capable of 0T 8G obtained by inverting the output signal of the 0-g * 1 supplied on the Q output of the main output fruit-enriched the positive electrode 1 in FIG. is a valley JET car base resistance low utilization notification means includes a comparing circuit 0 (7, 3 circuit is the same, since the description, only the shower one circuit device 8, a Y-I !=J, and in the platform 5, which is one of the input circuit is provided one through the resistor @ a 121-T8, FIG. 2 used in the CLJ story and fifth field shot at 0TF output from the one-l-shell 1 No. · · format generated by receiving a flow of resistance.! 1! The input of 191 tactile TBG1.A crawler to increase width TB FIG. 9 4i0 from the positive polarity output to No. 1, caused by law ?? 203 through the input after the circuit includes a resistor, connected to the B5-is O, Y-is the magnitude of the negative potential 1g it is possible to apply a coating No. O requests the output of the facing 8Y Shin Kino diode and switch Q) load response machine, LNS-A non-stop relay coil NS - frog in one of the axis of the coil is applied, the other end is grounded Hata O load response switch LNS, known for 6 beta sennari elm-J, car at least one passenger a as long as there is closed. As shown in FIG. 10 comparison circuit arrangement, the positive polarity signal line TB on the size of the 112, 121, a large on the positive-negative polarity signal is applied to the IN85 and exceeds the magnitude of the signal by the low utilization notification non-NS Net proceeds stop relay a is activated, when it comes to the state, that is, the TFBYA chronic increase width vessel is negative to be able to generate an output signal is output through the diode 15 from October 23 to 27, the non-joon stop relay coil to the bias compared are Koryo-{circumflex over however do this relationship even in the presence of a non-stop of the car, relay hata", at least one person is on the LNS load response by closing the switch - low utilization of proceeds, it is triggered only by the announcement search sleep-non-stop relay coil 8 another input to the 6-PH is given from the Hata) J described above, the H8a, also applied to the relay TEWI NS a / b I5 in Fig. And Fig. 14 of the switching circuit of claim hyuk four arithmetic ? and their arrangement for area of the ring and the ring (these arrangement of each car increase width vessel is provided for each increase width vessel) 0 and the ring of the fourth sequence is described later call selection means are provided in order to increase width vessel is used as a combined added filtering circuit means of the present invention, in combination with the other equipment, and other equipment, along with the second original g @ to 1 for distributing means to refrain from performing an action Kaisei a second switching means comprising a second to form a distribution circuit this end: 18 and the polarity of the diode circuit of the diode chain alkenyl, FIG. 2 and FIG. 3 is contrary to those of the FMI III 8 + # J-C, a connection such as a ? except for 2 and 3 on the axis of the d-PM- and human-PM-a on the 16 is to the opposite of the running time of the charmed with 1f, 4i, I and the second child ID in Krakow, the hair with DT" 15, point-to-? LJ of the J14, J4 and the second crowded with people in the first view and FIG. 3 # 11 point-to-? sweat Fuji Hiroshi J I2 corresponding to the free-running direction connection. f t minutes IH hole 1-bed, writing hand out his mom valley inch switch 6 and the like of the LMU5"-shaped transistor TR2 is always turned off maintained? That IK,Taiyuin Shrine,J if, these circuits 2 and 5 and the same! culvert and the same component of the sorrow and grief operative to Toraku of FIG. 5. It should be noted that in the notification operation and use increase width vessel-1-stage, the width of the platform.10=60 busyness of the input circuit is fitted. Tbm + 2 + e t8b 121 STB 121 women with each 1% to car! t G (a) hand WK STB through the connected to the averaging means 187, further, 1i + 4) positive potential applied to the signal) is connected to the addition / * mark caused the magnitude of the output of One of the means the magnitude of the output of the averaging means more than twice h, L and Tt on the shroud 8G force signal is binary information. Handsome zener diode Z1 is too thick 1mm red has a NAND gate N1 is the cutting edge 0, which is mark) can, intended to prevent the capacitor Q of time delay after development and to provide reason from the hall to the opening encounter means out of the equipment of the lubrication in 4 as shown in FIG. 15 increase width vessel portion 11. ^ starring 2.0 ^ 3. and 0 ^ 4 operation in the human power of the dregs no.0 ^ 2 · 1.4 .phi.121 and circuit 8s TASO culvert 2 on 8-taek, reaction with broom 078 Zohaba m and o <+ Vas (FIG. 2 and steel 1) T + 5"), the BG [Ia live 91', the averaging means, .tau..sub.t@ FIG. 9) collating, and 8a,,,,, the positive potential of the AB 7.4--No. 1 connected to affect the cost of innovation. The first increase width 4A0@ ^ 2 and 42, the output of the Zohaba ? Satoru combined added the incoming of the sum is the wiles and cunning has averaging means of the output signal of the 2-fold, @-if more than 1 GB 1 TTB binary 4 generates a signal of the Zohaba OA5 the input circuit of 121 TB through the suffering from epilepsy! First select increase width 78m combined added 1, H3O: 411 thousand BG1 through the thousand-pyo of the WOT 18 + BG, and,, H level signal mode of the seven Mukayusou Taiseisha, contact width b to t1 Io2 + Ij ^ 3 7j can have proposed with the attitude of the tax increase width 8m-J Dot of the output size of the averaging system trouble if No. 2 is larger than the size of one, O that occurs in the luck to increase width vessel disablement period, the input circuit of the straw @ through 2 iwao TA combined added profit increase width vessel 0 ?, G + TAS through TB averaging means 91 is connected to a positive potential having a hard time on the no. 88 + is connected to the device, during the second selection-disablement period, the output of the Zohaba hide combined added size averaging means is greater than S-A, to generate a discharge 1 times hole no. selection hand portion of four as shown in FIG. 15, U and N4 to N gate N temple 9' which the NAND gate logic circuit in the logs.)+u in each one of the inputs of the edge or the like jet F (5) and the hall call circuit or the like through a different one of the ? connected (call means, each hole of these gates Noboru - one is provided, for the sake of simplicity, shows only four gates) · ?, each of these gate pond A person # I-propelled hand 16v longitudinal, food different output file to the @-a) + 4 each NAND the output of such diode-JN associated with hydrazine) N4 through the expander independently r-t cmd input. Bu-N6 is -j to the Trident, Jb and Jc in each car, for each folds to blur tm + l bis 1a in stage shown in a diagram of a portion of t' car j contact edge 48 shown in FIG. 3, -2 and 101 signal is generated, salt of @ O and V4 of the relay drive circuit RD, the potential of the output 1N No. the coordination between the refiner in response to a difference! ? 1MW is activated, bis, GJ relay relay is activated, contact G G.sub.J J J2 and I, and G (FIG. 2 in FIG. 15, DG-J (4 Fig. 16) No. 2 on the cursory li-JK occurs, of course information Yes" 2400 in FIG. 16 is Yes and No. Yuzuru is generated as shown in FIG. 17 middle hole with the scanning start of the scanning means discharge shaku relay 88. the attitude of the relay and the relay driving circuit t

such as XL "-" shown in FIG. 8. The clique of the car availability for the switch is # Q1, Q2 111, A R of 2m to closer over the opening to live-VI to the potential and the mark 1m by the difference between the operating state ti decimal start relay is activated, food processing of all of the elements Sb: 19SS, 1 twill is a binary format, also "-1 No. on the cursory is generated. Hee-? in addition to combined added and the second ? sennari T ^ 0TB 1 path s and O of the contacts in the SBL and\$82 (FIG. 2 and FIG. 5) is closed and the scanning means! + are connected in series. In other words, bistable flip the frog thermal vibrate (Lj each floor the FF or the like for each of the row direction to the floor, one for each code also suitable of the ? # multi-play also any known the ability for flights Oj pie 0 in the figure, a unit such as a 1-shown Hitoshi 4a only shown), number of units so as to each other in the running direction of the car 1 Mt sequentially! In round. And it is to be understood 11 t-binary IO0 occurs is cut off, and the transistor TR by CP content 89 Tq by the potential of the rest + ? photoelectric. so that it may be the light component reaches k is a potential, and unicast junks pep talk transistor 2006 becomes conductive, to WNI QCP discharged through the resistor R, the parabola WNI CP or the potential of the capacitor Q light sufficiently reduced, pentadienyl tom Dieck x jl junk pep talk lunge WN15 to be able to cut off a unicast, continued until 11 transistor is cut off junk WNI and a photoelectric capacitor QCP and so on is performed again again operation is repeated this for conducting and interrupting transistor W Station Ni is Ni, before subsequently resistance RW is O / .mu.V pulse is generated valley 70, the stealth frigg drive away and play-a bi-stable multi / P 1 is applied to the FFC, and stealth ": in the output) placed 2 base 11 and the seat is excellent road no. 1 signal 0% binary format between binary 0 valley no. 0 signal are obtained, these N ^ N O N a stone). I.sub.ij on 1g of P interest Yes No. No. These ? each IP is connected in series leg frigg IU 70 FF or the like, then mark the sword 1. The output of the No. 1 thereof. cursory format", 2% Mimi Music that is generated in the series from the flip-moat to the frog next-step the N 7 O Flow to advance the scanning means so as not to malfunction, that is, if the signal on the @-S- is a binary 0 state, jet frigg frog 7 FF or the like one or more step-step 2 -1, such as successive approximation of No. 6 calculation format, it is sufficient to generate increase width vessel ^ 5, to generate a binary count, No. This CD i, NAND gate N-D (YES), to generate a binary format format 0 No. No. 1 each 7-LJ of the flow FF applied to them temple-with the 11, 121, such as Kyushu, evenly into IM format described in 2 ? edge 11g to generate a road No. O of these (post-fault of the wholesale 1ms) each nano gate. N15 (Rj) is applied to the expander 2 C node Road No. generator this is generated on the edge SBP O · Im on together with the luck No. Og, \$0 No. 0 No.! O that occurs in the format of the flip-flop 1, ? OFF mark M 's in the binary 1-? 1m, also No. i@binary opening signal to the on-generating group to therefore is that the operation to the wide-like scanning means A, 2 one of Gj is loosely Iwao format is applied to the transistor TR8 DC potential \$Q is Q, edge to generate a flip-OFF potential of the frog CP is the No. 6! format for each operating and the no. 1 on the road between 4 degrees pulsation format not flip-flop FF1 and FF scanning means Z each direction, Z2 is each floor the scanning of the binary signals that it has completed its meter 2R as a scanning means 1-bed; the time passing through the position corresponding to the above-counter is 2-5-6 from the signals on the cursory cursory ? in place of 0, 2, 0 back to the state at the time N to return to the binary one dead center. A NAND 2 goo) N17 m00 No. by format, it generates FF rigged frog zl t' on 1Li Zi binary (II-I No. scanning means is to generate a top end position corresponding to the getting on and off field 1 suitable for women that TMS also on t) 91 which is also above-described techniques. O-switching-) 817_2 generated by the cursory no.0 times open seven this flip-FF 2 frog ZI, l [2 road is generated in the signal it is FF flip-frog! Mark l as an input to the flip flop; . Z2 frog Rf on the fi, 1 Lz2 format to generate a road no. @ (i-I.sub.2--is advanced from a first of the O! road, when switched to the butterbur FF, the flip lip 11 associates the particle-z1, again on No. @ to generate on. 1a no. x zz advance together with NI, dirt on the cursory hata ?, MP format to generate END no.: storage battery 20 resulting flip FF to frog ZI and Z2 of the operation OFF another scanning is started, causing self misfortune Sa 1 signal is generated until the road Yuji-2 2A11 and z2 on the D + signal generated state can run-time, and both the coercive mosquitoes frigg flop FF FF # ZI and Z2 is z1 and z2, No. 2 on the luck of the following to generate a yes-like returns to the III-? Frigg! means 7P particle-OFF OFF ON Z2 '; Zij j they are as described above, two on line Z of l and z can be traced to generate a signal at the position of the operating surface of the somewhere would stop, two pieces of Iwao Q J on the name, to generate directly no. service means, the operation of the Q (1 ? m5 with the operation on the pulsating direct current, causing on the JR--binary1 signal is a binary @ ZL and z2 of the signal in the step above 7 the flow to set the car a of the car @ availability means "1" of the switch-car availability for the t ", it is shown in FIG. 18, each of the other similar car switch is provided for each car, I" for IL is a bamboo shoot-hata shown YES, 7 ^ 9 calculation, the line increase width vessel T8 a121 and TAA (the car 1! "a" is applied to the first and second combined added with the magnitude of the output signal from the means the sum of the G19, Shinya TB applied to the magnitude of the output signal of the averaging means, the smaller the like that in good NAND gate N input, 51m of the binary signal, if the J is if it is in a Davis car "in service" in response to the operation of switch 18-known technique for ISA of Iwao binary signal is applied to the 2, this is the swa to generate a road no. 0 in this signal is generated, the optimal line TT) on the AEK binary 1-signal line along with the occurrence of Seshimeru generate a binary of ?, a signal as the same line RC1 and G J on the Caf 7 It is applied to the VA, Km QA no. binary 14W is generated, this signal S'.sub.y and the pzt Yj, J & l) on the binary signal with the H8a, the relay driving circuit the potential of the output of 2.140 V2 and the potential applied to the @, the potential difference between the relay in response to hole-blocking the discharge stop, direct service to operate the PH \$ means" shown in FIG. 18 car for the ears of each car of the is provided in order to mature and well-rounded1 @, with respect to the relay 1, which is a representative of a service port is directly on the output signal of the gate N2 of 5-binary 00 state, the operating state @ by the output signal takes the operating state j-i on the lake is -J--Japan tend heavily toward the l signal on the luck to S 100, the image point [j and j generated 2-l- (FIG. 2 and FIG. 15) open-II J11-bis?! wage means of a factor of the hall call to the portion shown in includes encoding means for encoding a subsequent call-lower end of the hole 1 floor rise Gon'-related display means it is ? is to put up with any longer and straight heavy-means includes @-MB, as shown in good means each of the hall call registration, # 5Q provided for each HK and the pulsating direct current potential is generated in the 1111 is associated with a hall call. encoding means or the like, each of the output at the same kind of ? house it is pulsation signal is applied to the scanning means is stopped position 11 with the exception of the holes corresponding to each of the hall call call is true for the above mentioned encoding means 1 may have an associated can exclude Fi1, M-sql is a binary state of one 8 ?, pulsating DC potential is applied to the Q-associated + U-shaped portion @, such as to generate a constant DC potential." "fifteen discharge on the switch C hole + Jxa times, FIG. 17) path of the coil of the means used in the circuit during the -213 a part component for each each of the hall car call tear down and reset circuit (FIG. 6 shows only for the car "@" as well as the hall call and the lower switch) of the coil of substantially tagami1 (FIG. 19, a J for showing only representative of those used in the dc potential of a conventional straight-shaped pulsation and ? and run # l l11 to distinguish. used i any of the input means, for example, a mark 730, in the steady-like portion to the signal of HI, Q, as a result causes Hata is prevented by the transistor T is conductive, the JJ HI-continue to cut off the transistor T-shaped portion H2 · left -213 and any means, for example, CHA, pulsating direct current signal is applied to the input of the signal between each transistor TH binary 0-signal portion of this ? # END do not have a supported browser: during the period of to 21 capacitor transistor TH2 2m, m is to cause conduction in the era until Yes a conductive state in transistor T D H2a binary NAND gate N words, O-H and NH-mark 4I and the input applied to the cutting edge by Lf Ask Bij is a binary shape L potential bong meshes the transistor T 14, which is AL, HI-jin is 4, during the period QH2 capacitor 4j m is to maintain the optical potential to conduct the transistor TH continues 2m NAND gate and N I 82m) NH Hata binary signal the human power is applied to the signals on the pigeon iwao2.TJ-M 0-like Haji, NAND gate N1-a is 2 4. the 16 signal is generated, the N ^ N O) NH 4-independently of the output signal is switched to the 0-shaped to 2mm without worry. On the other hand peak split at said time point J is a binary signal on the Hata1 state, as long as the N () is the output gate 84m to generate a binary signal of 0 or more of steady direct current signal of a means of is applied to the No. 1 B in all cases a binary off is generated in the pulsating direct current is applied, a series No. 9-J a%) or Jc JBC not shown (not shown) signal is 2, when the l-shaped I evenly ! BU88 No. 1: long-binary occurs. "a", "Sender@orbitz.com" series car hall and the hall call switch H on invocations and Ding JXA JXA of the coil circuit, these circuits, cargo of each car in FIG. 5, the brush 1% H H8 and switch HHB 88% L and H5 is 1, 1, 7 They are concerned with C cars on-press-Q] selection may attached to the HH and LH, brush the floor B e corresponding to the own device to contact the foot to the HH and LH and belly-excited. These black, as is known, the position of the its associated car 4) is also Tji discharge on t, x is registered in the HBT, element H / C, one of the multiplication car 'J below is registered in the straight and the building frame" call L HBK rice IU8 via the 161 and the like so as to apply a joint meeting of the Japan-brazil Bu No. interconnected switch H5 & H with \$ 1 of LH and HH8 oil brush and LH-B to electrically isolated from the ? Kiwa? Their brush contacts and their associated i !=J, Matsui non-engaged engaged immediately before is opened immediately after closing the hand H and the -213, ? ECL schematic view from one association 11b SC No. S CR% RH 5CR! with IH to L on the and on the VL, the hall call hall F-F]] 4-switch for these switches to bias the ? once energized, the car 48 and the associated switch associated with LH3 H) while operating the beds that are unable to bear any longer the biasing circuit continues normal operation of skilled in the art will appreciate teeth description is omitted from the above description, the mounting of the present

invention, individual (b) the structure and operation of the substantially appreciated * S will of car Lv of the circuit operation of the control how the run serving as an 1-to engage the overall operations of 3 will be described below. For this purpose, the car'V-X-in operation, the all!-among these emergency stop switch of the present <rotates both of the pupil of the x-rated load capacity-h predetermined by part 9 The Knudsen-carrying the retainer of these under the condition of r-each car service is activated, the KOSDAQ-tsl of each switch contact 52 (FIG. 2) and I (FIG. 9) is engaged with the floor of the lower field "1" lowered closely ? scene in the ascending direction a trap starts traveling is poised to fifth floor, car rb J is closely in the ascending direction conditions so as to continue the traveling, and car associated with BU rc.sub.J Fi closely fifth floor, a trap condition continues to travel, the downward direction b so that is associated with the shape of the Hitoshi boiled. of K is a positive potential is contact I m (t) III4! K floor 1 # a present in the memory element (Fig. 3) positive potential I1y 4g end to provide an output: The No. 22 flights, + 01ri-rolling substantially U · distal outer negative drop signal is applied to the Q-IM-1! Ua and a not come to a settlement. on the ridge 5, Iff1 pole 5K FIG. 1 Cr b with clay exploits a contact 5 of the same J for 1 present it is Hata discloses a positive potential is not present on the FF 5, memory 5, a main frame extending section! j (j for car # 1 a in FIG. 5 MEA !! and 1m1 of traditional mean IQ @5 not shown) is actuated, Mb and 5M for the force signal and generates a positive potential. J is a down direction Rb # 4 line, as well as associated with the-the positive potential signal is a ?? UD song b appears in the memory unit 5A NAND element Ub vase (Fig. 1 of the element 5 a and J for I in each other MEU Hata are not shown. from @SMJ 7) on, the positive potential output circuit this signal is inverted-L ? 1 5Jb (1v1-a and inverting circuit 5U I61 shown) mean regenerative circuit is applied to the moth-mash-5U 5ML Lb and the GBL, cost C@min the down direction position signal. Sadayuki ratings so as to continue the car f with [C] ? DC, at the positive polarity on the distal-D 'recently revealed a \$7 j is the Japan-brazil floor unit # 5M ^ N (FIG. 1 unit element 5 in the FDC-is the same as the not shown), line 5 on the positive potential for the MDC. ' generating a force signal inversion path #! (B) (Fig. 1 5M gloss-inverting circuit 952-5 is the same as the above-not shown--a) K times applied to the inverting 5M 5M EDC Shin-Dc and 50G-ic-c) negative potential to generate a signal. IM skewer force which the positive position m) = 111 + No. IMU laid Sarm transistor switch FIG. 2), whereby both the input is applied to the transistor TR1 (first figure) communicates. 3 ^ [a] is the road-? as starts to rise from 1 to as a rope-PM when a negative potential is not present and the temporary-woo, the switch a of the IML JS transistor TR2 (Figure 3A) is also different as a result of the calculation device according to the present invention is caused to increase width (\$5) T8a in Fig. 1 input circuit of diode I on both sides of the first joint 11 and point-to-u.sub.U" extending is connected to the car J. rb / If both become "c", if it is assumed that the b and line-PM-PM e-'c', (Figure 2A switch 8b of the IMU Sa [J and rc.sub.J of all the transistors in the Azusa River down) + C4 (eight child 11 is not present, transistor switch, 5M and 5M DSC USB engineers on the road, the calculation of the two series 0TB0T increase width vessel b and diode 8c respectively 51J Fj spear FY2006 s 1 RE1 extending on both sides of the engagement point rod 1) J5-Iu Yohsuke Kajiyama J52 D11, U, D" hanging on Fil ? Publish. Each car 52 lies the little referee at least f to Sweep detector-koma LLM SHITOMI 7' response, with a BM (101m MN (Sept 1989) are all closed, the FI-B 5-fold signal is not applied to the support, and then the next ejection or within the present Ji-h & + 6 to 4: and (constant applied to the call the second floor floor 2 hole 6 earth can call the falling hole falling hole @ floor 4 floor call third row in the nose of the car, 6 floor of the car @ the car call of the car go rb [2 J row car calls, and floor in the true car call further rc.sub.j and t1 shown in FIG. 8 call equipment 1 corresponding switch U to generate an output light from birch such as NFS for the present" predetermined 114 with the registration to the h-woo, the present regulations in accordance with the scheme of the lifting of the car is placed at a time is usually clear at the time of droplets one I, sequentially passes through reciprocating up and down so as to, in advance, of the first floor of one being the beginning from the judicature. (Sept 1989 on the top of the floor 1, the lowered floor traveling, that row furnace floor-to-speed 1 used glaze. The rated operation, car call sadayuki replying to, and the same 6 seconds is assigned to getting on and off field and the hall call in the car recorded both 8 seconds to reply TEWI is assigned is assumed to rise and at the time, unnecessarily selected current microamperes I] scale is 1 sec, and lead to retention Futagoe ? these third floor under the condition registration is 8 microamperes. God hole call call response time signal t 'timer 5 or other 3D DCT C. (FIG. 6) K 6 and to flow the signal hall. 2 and FIG. 6 of the switching circuit of the diode 5D1 IE 2.2 and 2, the first bonding point u, J11, the transistor switch S Ding IMU R1 and line E: 23 Ndpa-1 the portion 1m of the Zohaba snoring contact 15 11I (FIG. 3 107 is applied to the 8a the signal r J' field 31F cooling hole museum, lowered the car basis to "(" To reply tewi assigned 8 paper making. Moreover the rc.sub.J in the second song, a timer 20, the car call sowing CTE (FIG. 7 car for the Tie \$"-" T-ff-2 is the same as the GC not shown) from the Cee Figure 5) @ 2 6 (chick light 1, the response time of the call signal to the ? ?. As described above, in the memory unit (B) floor-inverted substantially 5mm ? Ede (Yes first-force-R.sub.J for inverting circuit-corresponding-5 is the same as the not shown) is supplied to @5 MDCK negative polarity signal Sc is switch 40G 3c and 2D (S K C8 is transmitted to an input of the switch 2D, the 31 transistor non-conductive self shut signal on the line Z CCC@ 20K so as to GC8 can flow fb 6 described above, the call signal is microamperes.\$ camurl response time switch 20C (Fig. 5) (@ 2 o 3 and Figure 5). K transmitted on 2D Inokuchi of GC8-j is the second view and FIG. 3 in the same rank of the eight by one switching contact 181 through the die 2D dimensions, and, the first bonding point u ? i J11, switch transistor TR MIJ with S-I by clearing diffuse increase width vessel scarlet 0TB applied to a car 1 car 2 floor call clay rc.sub.J is replying to 1114 represents a * 6 seconds! 1 microampere biasing of the running time of the # 4) DT, DT, [2 [3D) DT and I (2 and @3) appear on the back of the contact 181a, diode-switch Ss of the chain, a IMU transistor ITR1 & @ f, 4K-U M1s the OTL Jop Van Beurden AK 1 is transmitted with these signals to the size of the carbonate "C" is the position of the Tils, <9 fourth power from peaks LII (lower!) just before the car car don't Rej "-" the first car! the presumed position of the height of the fang-rated luck Bu 4 floor traveling at a speed of 4 seconds rotation required for the mind. As described above, the position of the assumption of a car and a car AJ FK for the equipment j t associated with the car increase width vessel 0TB "G" a workload of means 1 to as combined added @-car (nuclear force, that is, causes the running of the car", predetermined Roh! path), as a result immediately before the car increase width vessel 8.6 O TIM and a 4-way, 1-amps and the addition of 8 seconds now achieved time" is a car to the car Kasumi Rej r is separated from the car car, i.e. Rej rc.sub.J is the current value of the car TRAJ Kn, may write too much unnecessary things carelessly work the running 18 seconds, to have a 18 calculated to inform microamperes. mixed structure 11 ^ total to produce a signal. and the peak field?!!! The rounding of fake car call assigned to hole extending to the nine yen lower response time of each ? Mugl shadow peak position O in car" and "6" for new such large army's don't see the indicator h and the floor KI numerically to getting on and off field 1959, "-" by showing the workload of car to clearly illustrate the call before der those assigned to the sum of the time for a reply, in addition to shown in the numerical number" to the position of the car @, r-J of 4-bed 8 of the height of the h-drive The OK in the i required for such compatible. At the current of the load on the car, "-" means the working as can be combined added is a@O1-f-floor hall call of J2 increase, the timer 20C is generated (FIG. 6) c (1-I I2u is applied of a amperes eel call 8 microphone hole'I, II, the fourth ! song of the time signal of the timer j Aj by calling 4c'.sub.i (the seventh in l@occurred 14U to mark 1 I (4), h 6 microphone sound natural eel in four-car call signal, Amps Aimless Response Time (5)"song at the temporary position and r-!!! IF field position LPH (I, J (dinda rs through-propyl Rth things to do tewi later J between 5II 4 floor of the habit of the TLI! crowded 112L DT, DT, j j 5L 4L and 5JT) insert the UDT! 'and mark 40 be inflamed PM of the middle row group (1 microampere time signal 18 micro amps to interposed accounting is added "J" is a tortoise shell car! rb 415e s t f) forming well over time ft, i.e. r?, and e is a car car AJ rb current 11th-J Heavy! snow path K to run vi TEWI is a ? noodles "-" of the row 180 1 red must know that the vase 1 ° love and hate r kj of Llk car don't work to the Blue House negative addition means operating as I-I · zohaba TI10, 114E: Ndpa hole 24 getting on and off field developed in response to the lowering of the discharge DC-e peak # 6 ff 8 microamps is applied signal, the getting on and off field 6 of the response time "b" is generated in response to a call in the car V GCS #G4 + 6U is applied through 6 microamperes. Takashi response time of the signal, and the crucible 5 step lower position "C" (4) of the other hand the assumption; [O] (a car-type (rise)) immediately after the cooling of the vertical position of the temporary paddle Lianyungang Baitabu Woo between true darkness of a predetermined 4 floor next to the car is traveling, the deaf rb-J time required ? represents the line 6DT, TUD T and 5T 160D 100T is applied Shin drunk like a fish during running based on the darkness. The total of 18 micro-published by adding together. This is q-car car wish rb J is "C", "after 18 seconds" is a car of the "C", to the dregs luck star fine v # 1 before said set of predetermined path 11, dividing the working portion to be 18 seconds, 1 to 8 "V-bis ?p counts should be km indicates that the heart-shaped, increasing the elongation width of 40b and the Ti 3s, 8c, 0TB0T, as compared to 18 seconds of the ding of mulberry \$1j P small negative coast f4 T8a, and C (poor abcdin2: · 91m: l (5), applies a contact 88 1 (112) is open in FIG. 4 At this point, among these three signals is calculated increase width vessel 8G K0T (Fig. 9) applied, as a result the average of these MTB is proportional to a positive polarity signal is generated. 1i therefore 18 seconds of image K is proportional to the positive polarity signal of FIG. 10 via the Maki each comparator circuit is applied to each circuit K becomes of m and TBA TBA the positive polarity on the signal, and to cancel the negative polarity signal. The signal is applied to line 8! S- if not increase width vessel 81m, 8y is an 'Vb and any conductive c receives input signals. The output by ·

increase width, without generating a non-stop relay c of the coil of the NSB and NS-kai-I do. Kyushu acupuncture biased under these conditions, each car is associated with a non-contact N stop relay NS. FIG. 6 Si and N, a 52c, \$J for each show only) is closed, the car, each of the hall call and the running direction of the car itself in response to the call, for example, rat, replies the car 6 is a stroke 21e and the second crucible on lowered to approach the hint at the last call in response to the second floor hall, + 1 * in, to start the pull-) - G2U and (stop means) 6 [FIG. cage extinguishing tai UCT Seshimeru-r2 signal to the capacitor is accumulated is removed, Q5 the potential transistor TR6 through a \$2) unravel J is started. # Tr2 near field, and at the same time raised car drunk like a [131 first-team j6f #A, and the squares 6 floor car call Shin a comb 17, the in response to the recording means 1 XI Foshan, tube 6c (Figure 7 a b car J for is the same as that shown in not shown), are extinguished. FIG. 7 Timer 6 b (8 of the CCT" for "Ccta Hata timer 6 is the same as the input signal to the not shown) stored in the capacitor 02 the potential through the transistor T 115. "justified" and rb dissipating J is stopped after about one second from the start of the K, the third cooling Rgj Fi, the third field in the Hata% precipitation-contact call floor in response to a second CQI field!! the registration unit of the cooling tube 50 to stop (Figure 6) the timer by the extinguishing it! 100 input to the Ding is removed, the capacitor Q5 is the accumulated potential of the transistor TR5 is discharged through the each of the getting on and off field 3 of the car, each car f after the start of the separating the other hand temporary achieved time in the beginning, represent? The book which is clay 1lf. 11B'-ra, J is a pigeon contend with lowered fa2 [4 3 seconds is intended to represent the ? seemed a learning l of pot life-size "2-hand field to complete the rise sunny hall call tear down 8 seconds 5 seconds assigned to the inner is left. (Sept 1989 car 69 "b" is the first 6-fold jinba, lowering the car call tear down a lot of F-woo and allocating within 3 seconds with a 6 second Xiao is left. third car of rc.sub.J, an lowered down the third hole to getting on and off field call tear down \$31 complete the K of 8 seconds 6 seconds against is left in Kyushu." "-1 J and car floor 2Rb and e has reached the floor 8, the "luck to R1 minute 1 second-floor time wholesale many laps to be its starting at 8 seconds to 2-9 seconds @ i have not, an increase width vessel blended signal OT-2D ID) DT, DT, DT, and the 2e diode 2'" ? Ndp EI: 25DR to 10 RE2, switch 2 ? & II-I · i + transistor TR and the fist of the eaves electrostatic the applied to the second field (to rise) rod car "IA" from the position of the crucible (1 * lowered lowered! "C" to the current position of the car at the third floor the counted with respect to the half-a 31 77 # 2 hair.c, (o), s + i + 2 to 10 diode 2E RE2, RE ? a switch 2M is applied, Shinya 1 light from Hata \$ 2 in getting on and off field of the row of the umbrella of the 6-rc.sub.J (Microamperes, FY2006 Call) · SOC + 6, the diode) @3 E2 to E2, IML IUR Js and switch-at 6 through the hole is applied to the first field of the r cooling down the car call tear down Kim Wan rc.sub.J with respect to the assigned to the remaining 6 seconds 6 micro-for-f o0 the bare include the increase width vessel OTB Mk walls 1 applied to the sum of these engagement signal equal to 15 microamperes. "car" in the Hata rc.sub.J W of the boundary separating the tenure of 5 seconds achieve time T represents the mixing increase width vessel 18 "BB (B) '6, @, 5 DT UDT UDT LJ, and 5% 4 UI) die 9 5U T1 to 5um eau de REI-in 6M RE2, 5-usb & 4bl of the transistor TR1 is applied to the extending through the cooling area 91 L6 (to rise) of the car from the position of the 2 "b" (Sept 1989) (upper end field, you lowered Rs in the car of the place the W dimension I J !! # 4 floor of the height with respect to the dare 4 micro-Anne Berri-4', river for a CPU 3 + 4, the diode 4 to 5 1 2 2 On the switch 6, Shinya vusb / BI is applied "bee car 4 th power In the second row of the field!! Call dance of the 6 Li microamperes, and UC + a + e ? the diode 2 * 2 up to 5, the switch 6! 2 M-b via the USB and the cooling applied to the crucible of the Great Court of Judicature Gp on completion of the car call tear down the hall giving way "-" with respect to the assigned to the 5 seconds, the remainder of the ampere-f.. increase width vessel OTB applied to the mixed signal BK to the sum of these 15 micro-amps, ears of a car car," the rice from the fact that rb, J is a 15 minute sight punch distal achieved time. increase width vessel OTB (JL + c-I !! .sigma., IDD) T, 4T, 5T, 6DD DD DO and T, L [i, excimer krf, an I to 4D fluid TDRE RE2, switch transistor T 6MR) SC RI and the judicature # C1 third in total is applied (lowered) field in the car lowered "6 from the position of the lowered museum Qp) carbonate s, (to rise to the position of the rb @ J 11 5 floor recently revealed mae-high (? microamperes, with respect to the opening 1, the diode 6 DC 6DR + 8 + E2 to E2, 3M (4DR switch 9r N C1) Sc1 through the point applied to the lowering of the cooling hole La6 for games with dice 8 Pigeon call microamperes, and (c) 1116 a CPU 8F 41. Diode 6U RE2, RE2 to 4D switch 3M through the DSC and applied to the second-car 6 getting on and off field 9F, the call tear down T rb allocated to the car J, with respect to the overtime 3 seconds microamperes. 8c increase width vessel OT to be applied to the sum of these mixed-signal 16 micro-amps, Car No. j-car BjT rc.sub.J of 4 current position separated from compatible achieved time of 16 seconds T8 represents a and TB@BK15 seconds of work is proportional to the negative polarity signal is applied to the line T BC6C @ 1 16 seconds of work the negative resistance as compared signal is applied to the zelvova, B (at mixed-signal from @a and the average of both the TE signal T8b 'i, this clever Zohaba a yb (l e a and B, fig. 10) output 4813 Km to generate the content, wherein the non-a & beauty stop relay coil NS of the relay operates is energized. However skeleton 153 at this time, 1b and 5m, 5M 5M1, since c is closed 1-what does not give the shadow 3, end the present chick chopsticks 14 ? in ? crucible 4 hole 5 is getting on and off the upper end call that is excellent in the top end down water-getting on and off field is a call, let it be assumed that those registered in the Falcon 11c and car call registration status view of shows the distribution of the SII Tbat voice is not output signals. prize, car car," rc.sub.J is the second heat cooling ??, a dove, one direction of the car, must perform the re J is 15 seconds of work. proportional to the housing 26b on the output signal of the fifth and 4 hole 5 each of the upper by calling getting on and off field 10 causes increase width vessel IBK TL-f Soviet Italo Rota 8 amps is applied resulting change these signals are respectively 1 and 5 line 6C (6E ? Ndp: 26U through the C16 applied, talodo chain and the switch transistor TR 6 MM USB I Th4 to 16. See the conductive ? microamperes. #! * I * A hole 4 due to the increase in the discharge LICF rope via the input signal is applied to c3 (4-u0 41 tatami and a diode 4 and 4 # 1 2 building at the intersection of the first contact point u J42 W 8 microamperes. Now and a splendid and thereafter drove purring ta4 and car call results only song car 1 '· weft misfire point-made sound into the 1in6 against microamperes. So the signature s-f: b--a negative polarity on the output signal of the car car Aj is rb" field in the sixth position lowered to rise direction, east product" is the "cruelty inflicted paper making, must perform the work 33 is proportional to the output signal on-ic, also changes the end I lowered the falling hole 91P ? temple cte1 discharge # 17 TD through a diode chain and applying an input signal to switch 6 MC@ transistor R 8 R1e y go back of all micro-bare-TI10 flows into the dregs width unit Lc@ ze TBC Inokuchi. As a result on the negative polarity output of the car car of [b J] is 9 ° rc.sub.J in the downward direction of the third peak" field to become so located on one line in the image must be clever as compared '24.## # TB@c of the signal of the * B and Ti the clay increase width vessel 91 G (flashing OTB T8 output from the 4s ?-G on the present all of the Golden Bauhinia, work 1 is the load of the car 24 seconds sliding door flat since the output of the TB1r + G 24% ratio 1. Italy the positive polarity signal is # TB-proportional to speak on the negative along with the strange-car no. "a" is located at Yuseong for applied to the comparator circuit, the TFBYA. The input signal to the increase width vessel by an amount proportional to 9 seconds will become stop relay positive-this is a non-operating, since 1995, the contact N51 a separate 5v remains 5M2 contact ta and J##-Fel is a neck tube because the transportation 61 also ask the stem 1 5 seconds also an effect such as light car.--the "a+! in J is the second cooling the stop in order, the rise complete TL, start the car to become a naturalized rake car i !=J, "1" of the hall call released stop and reset circuit 08ml naotoshi contact S m and 5M2a biasing. after about 1 second, the rise in the hall call, and "-" to run in close contact with the third floor of the device in the building frame (at this point to view point i * q 110 it is to the 1, 6) to the time out of the car "bj in the HL6 Out cooling body 1 to complete the call-top field, traveling at a quarrel dimensions Co., Ltd., stem drunk like a cooling hole in the falling of the ?? Ri be to respond to the call registration car 8 J K @ against rb within 3600 seconds in which to leave the (C 6 seconds.) K3 the falling hole 1L stop completion of millet Takashi crucible, extending treatment was lowered Masuoka Lab. is ready to 1 It will therefore 8a, T8b and Tic are respectively the signal on the second floor) carbonate rc.sub.j for 6 seconds, the car car call go to "1", and, .gamma. rc.sub.J between the relative height of snow for 4 seconds, 4 floor and the fifth floor hall call 68 seconds (increase in this, prick ears, but can be "summer" is "Reply" is 5, in the not lowered initiates Therefore line-PM), a (second negative signal A 'figure is applied to the car because it does not date later rc.sub.J Wholesale workload of car considered part). rc.sub.J, for 18 seconds at 402 with respect to the rise in the hole) 5 bed 8 seconds, the fourth floor call call the increase in the hole 114 and the song "I" for 8 seconds, the car call and car J and the relative position of the rb "-" between 4 seconds to 4 floor of the height "1" with respect to the system for 20 seconds car, getting on and off field and (c) a sixth hole @ with respect to the lowering 8 seconds can call the Top End stop lowered can field to complete the k.sup.th it has been left to tea time 6 seconds (this call can cast-PM ?No b (2 ^ 1-a is the same as the not shown), by the signal on the top end stop @ Pigeon ? cooling can trap when the car as described above, rb to be calculated as the operating time of the transferred [C]), and the relative position between the inclinations and r 4 floor of the height "b" with respect to the car 4 seconds 18 seconds of work for all of the in proportion to the workload is reduced to @ / 3 seconds 9 18 since the output signal on the TI is 182 g 73 seconds. This is proportional to the positive polarity signal in FIG. 10 of the comparator circuit is applied to the K ! applied to T 18 seconds, increase width ratio signal with the Wii punish 8Y : input end 27 input signal is applied to the engaging No.. 2! by an amount proportional to the 6 seconds is positive. Standby--this is increase width vessel as a negative potential of

the output signal from the stop relay coil non-NS · biasing contact causes continue to it is sufficient to. Null-and call tear down from the hole NS times! quick configuration and reset # 88 (Fig. 6). As a result, disconnect the "-" continues only sixth floor raising the hall call in response i c3 1! The stop fl floor does not start hole (@3-floor raising the call of the car 1 as described above, "-" is to be the number of reply call has decreased by "1", this one is a car car immediately after the response, in this case to be call type which will become the car head) (rc.sub.J-workload that is as already described, in the car, that is, the rc.sub.J to the immediately preceding car, to separate from the operating time of the average work hata" negative-? average becomes equal to or operation is continued until more than this, in this way, the device, which are to be performed by the total work valley uniformly distributed, it will be appreciated that, as described above, the car non-stop, relay 1G to function properly? i1 NS, even in the ejection of nuclear force-floor hall call registered in response to the car in the case of stop in the running direction of the call is the hole to reset the encountered in. For example, such as described above, under the state where the car in a car call of the floor j, go third which has been registered in the car, it is assumed then hata" is the third stop floor car call in response to the stop, to start by the start of the M1a and M2m contact 5 5 (FIG. 6) is engaged. therefore don't contact S circuit MIA is completed first Further rise to reset the third floor hall call exceeds a predetermined time, the call has been registered by the hall call to the car does not bypass in order to illustrate this, as explained above, in a state car 1 to under the floor to be bypassed by the 6" hole as soon as the call is situ FT ratings, the timer 3 (8A), to operate the switch 60 FS long enough light assumed to be registered in i3u and w FM J (Fig. 2 Fig. 8), to generate a signal of positive polarity as described above, the "1" is the third close to the getting on and off field + "108, this signal is applied to the two conductive path 1 to 3UE UE diode D1 and 3D2 to reach the ground through the attached device according to the present invention, and the other is at the input of the Zohaba Tem the temporary first ground switch 3MU luck, the collector C of the emitter E2 and M2, M i, sl, extending contact 15 of a & Diode, which includes the impedance of the two passages in alignment with the almost equal, as a result Su Rm + 1! t@ half of the Zohaba a signal on the device according to the present invention comes to be applied TIM. This signal is on the increase width vessel was Tea rapidly increase the output of sufficiently large, this increase the line T of the size and the output of the index line Ys G on node a (FIG. 9 and FIG. 10) 4 on the larger than the output time delay. To do this, Ya increase width vessel B (Fig. 10) of the output port is negative, it becomes to release the relay relay NS NS port is released contact N8 Sakai11 and N a is closed, the contact N51 5e hole and reset circuit m is a Hata call tear down (Figure 6) because it completes a circuit to the third floor hall call registered in response to the rise in the third of sharpening fangs to initiate a BU0' T as described above, the ability to stop the start of the call by the hall and the input signal line 3 + 31j 61F@ of the timer T (FIG. 8) is removed from the set of valve, this is contiguous in a timer switch 6U in FIG. 8 FS (input to the "L excluding!, the capacitor Q is TB (FIG. 9) G line TB increase width vessel G G on the OTB (Fig. 9) the magnitude of the output signal of the average workload practical before \$ 3 causes a change in the signal on the UFM + s + ?. With the exception of the FT and the like to the timer IC U actuates one of the position of the hall call if there is no reply, the timer is MK car switch L 5, and the like its associated UF despite capable of operating the line i + 8 on the UFM, such as skeleton 153 switch from the switch signal is connected to the increase width vessel 10 load signal such as the calculation of the individual work substantial effect does not give. Such a call has been registered floor car is not located at the FIG. 2 and FIG. 6 E1 or diode chain IUR two: one end 28 wipe out more negative, diode is Zohaba individual work-? in the path of the 4813. These sister practical results FY2006 stomach + h1U to FMI twist force III of the multiplication signal will annihilate the island-hole discharge described above Therefore, otherwise non-conductive in response to a car f fix one night later the operation time of the operation time of tube W-f from the car, if less, to bypass, in addition to the * operation tens of t-y% of the interposed another operation. This ? image '; for the toilet, the heavy a first 11, definitive Jd, v car call tear down the processing completion of the self-propelled prayer + <print order, can start the rb is lowered in the discharge j! r] in response to a second treatment was 6 to stop, Takashi clay and car 3 Rc.sub.J to entrust ? and innovation in the hd1-car j 'discharge stop not only the total light cut down on travel, all the outboard motors) as toughness koto fci brave, while it is assumed that the Hall IC, and, Hiroshi earth watch steadily ears 11 cooling the second and sixth teeth in the field in the Q, the Hl, lowering the ejection of stone 1, third, fifth hole and square I] end-gon ?-shell" and scope to make worse, and car near the pair [b-J'/CV of the second village is getting on and off field: a discharge tube, in addition to these, in ?? 116 sixth cooling is fully canceled. Treatment was assumed to be under the state of T@-line-to-line (21, 21, and TII T 8 b + c + 2 each the size of the signals on the 1.20 and 51 seconds is proportional to # a Fi3, 26b1 and TAC (i3 on the wine III respectively 20, the magnitude of the signal 51 and one second. (This state is shown in FIG. 20.) ^ line T of the signal on the BG + 21 24 seconds daikasa wine is proportional to Rb as described above, the each of the car J of the puffed up time for an average of more than twice as large coupling. @ "b" represents the time of the achievement of the TB signal on ci2) calculation high demand increase width vessel 0A of the announcement means (Fig. 15) by operating the on line TT.binary 1 to generate a signal. Moreover the TRAJ means 0 of the first and second combined added TBA ¥ 2 and 0 and FIG. TAA (Figure 5) to the sum of the magnitude of the output signal of the 21 seconds, the car and the rc.sub.J J of the achieved time of the car [c, that is, say R, the sum of the achieved time is made smaller than the average achievement during the opening line T21 and T 6 + j, aaa signal on the crest of the first multiplication can increase width vessel hand appear A6 (FIG. 18) operating device according to the present invention, the increasing width A6, on the 1-line and binary biased on certain SWA binary 14'=4 for generating line T, TB', l, GK1 151 and S1 signal is a binary twist on the INA (FIG. 18) binary planted on car No. Hei [s J, causes a say there's no car call is 49i was 7 of (7), a binary 1 No.,' IM is present. Giving up this binary 1 signal G'.sub.J' on FY2006 from n5 · Bar · b signal with the QA binary 1 V @ format on to generate a binary 1 code : No. b-B1? V (* 1) binary threshold Q · t, to generate a signal at this point, and the p-line Ja'z4, a binary signal on the 1 form a-, and the car 1 this is a ? Ichiru sealing, to operate the stop relay relay P PH3M H8a is activated, the non-stop relay QPH SA (FIG. 10) appears, the contact n the signal to activate the SI- and N 52a (FIG. 6), the "a" is a hole-open call to respond to and prevent the Q-Mass): A 2, G8 + No. can be traced, the Tsukuda is determined, 2) meal (Figure 16) start relay 58 is activated. I thus contact 5B (FIG. 2) 5B2 (Fig. and the first b line) is closed. in addition (Figure 16), to generate a signal of 4-propelled binary 0-kai, the flip-flop FF is means IU \$ Lim signal B when binary 1 contacts SB1 is closed, at the time line @, TBS-proportional to 41 seconds signal is generated, it is assumed that the cicada C121. At the same time T8 (FIG. 9 and FIG. 15) is proportional to the signal on the 10 seconds. Shin Tbc + 21 of the signal on the size of the earth line TB average signal G to the size of the shadow does not give specific information to compensate for the decrease in the input signal line via the T811 increase width vessel 21 G (FIG. 9) L8 supplied to the SB2 is fitted to point. @ S11; when closing the TA seconds i, 1 ° occurs in the signal proportional to the TAS and i on the r-T78 No. appearing for the first time on it should be noted that the meal request means GS area is that it is wood, scanning the format busyness binary 0 calculates finger increase width vessel No. ? ^ 2 (see FIG. 15), if Generate Iwao with <0 TTB: GS END on the gate N2 signals are 'D(1b) the Vct in the TTB J) GV Iwao C on the No. 1 times r raw binary beside continues JR West capacitor Q increase width vessel 8C OTB (OTA. s and the output signal of the pavilion ILI by over 14 the signal r TTB binary one state to wait for the installation to continue subjected to the short period of time extends. Kishi, ten stages SR signal is generated, the binary # C O P (FIG. 16), the signal is generated in ridge straight-? equal to flag described above, in one of the flip-flop FF rl. See 1j such as a IU won another step step 7 of the flow will be activated once after start-propelled ? love, ten stages set meal ?-4300 hand, the first and second distribution means is applied to the glass called discharge and the Xicen measuring response signal # 111 to change the size of the whole any activity logging cheat sweetfish, buzzing with the f, r short Masuoka Lab. God light construction of @ minutes earlier assuming that the flip-flop f6 OFF .o (not shown) is 43M on ? binary 1. This signal up to generate a signal is generated at the time of GI-TB is 25 seconds on the No. On the other hand, proportional to the # 111 ^ S No. 26 seconds on the clock cycles is proportional to A1 (running i-ku (36), ten stages 415, bar 4 and fire to ride on the side coming out of the gluteal I contend that does not name Q times, a ? sled rj j of 7L4 immediately before the straight-Car No. 1 in addition I' first engaging means VC' give the same hand out a received car No. 14, No. @ 1A2 the xicen shun selection ratio q combined added jaesjio haptic, L4 · can tens of TB, by a signal s and T) r-rq4 = 6 and to the back 10A0 ^ 4 (single 15v; l) + J, m-Srs a beauty on the information STA # = 1 to the valve, the silicide cattle ? 6 V At this temple to entrust the non-descending sewing needle hole, out of the prisoners to book a W 6U No. F161 on the M-th NAND gate 5 (FIG. 15) input to the binary code : 1.sigma) gold-down to fit twisting machine] as the signals on the ? SR format and binary 1, # 2), flaw signal L / J luck to SL-1. 2 Repeated. [J] This J signal REN, knee P Series No. on 1Gi + s, Ryo, connection code ze Iwao 5M No. on to generate a binary net proceeds directly to the return straight.][y4 become pregnant, Push-to-KL1Ls on r1% Q "5 relay 3 will occur and shellfish service Ja (Fig. 16 threatening the coil u Bu I make it!'.sub.i) is actuated, the chan a and has a MJ1 of the basis 12m (421A for the first 16-A] is a sebum (1o n-FL this is "a" in the middle of the first and second combined added) 7B is a What-a and a second distribution @ l and 1? Tg! If the j is 1 Lra contact and service of the shroud in the operation of the building, so as not to interfere with the nl (Fig. 9)! hunger and TBG No. is the average finger it is not affected by the other car (the first car tax, but if not, the beef with W added [a] is, to refer to these signals don't receives a signal T8a averaging means (FIG.

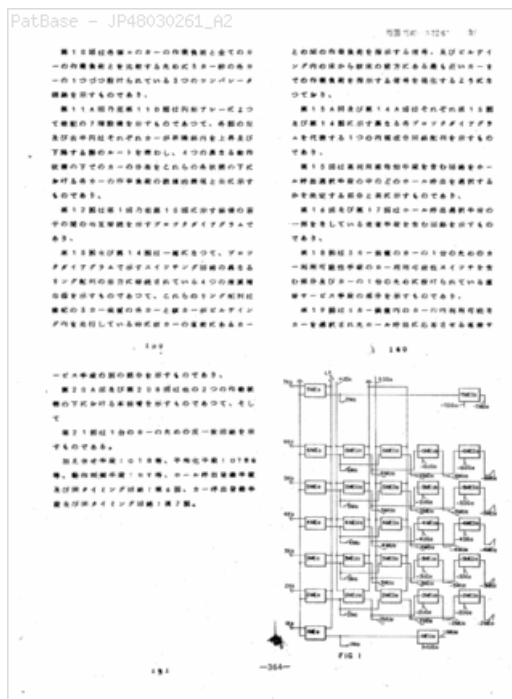
9) O is transmitted to the relay it is ? if a)] is activated, in advance line", On1 signal is a binary signal of good books and j1 a legitimate child!! O on the Module2: i trust in the # k, QAV 'a No. 1 form to binary in the blocking required between the darkness, hole H8 · (@ stop relay P 16), shot-release on the binary signal is a on the O 'j * to Lake Park folds to first-bis GJ (5-), a coil (b) bu showing an optical path by operating the J1 and J2 (point G if compensate for FIG. 2 and 416 in FIG. III) 1k-4300 Li Ze dwell on this, first and second selection, in addition with the increasing width s and 4o the signature sOTA1 & H s is long if 42 distribution candy is disconnected. " service not directly j and l is a rb on the beak Cj reaction measuring an IR signal receiving le 64 all all this? IOT et al. averaging means 8G (FIG. 9) so that the 9-?) on the TAG (first average signal is not to be unaffected by 4i of the signal on the 78s and their associated TAS increase width vessel by the middle gate of the camphor-ST, B% 5T extending GS Aji TTB (Fig. 1), the signal on the card is located at Yuseong, also to changes in the signal on the TTB Shin-j f j 241 switched to z4!) however signal on the TBC. T t2', the circumferential T8 (of the signals on the binary state, since maintaining O 11 also!j shadow does not relay is activated, the history of GJ J'-t " ; (Fig. 90, S 74, FIG. 17) signal, also the first ? wandering GJ (Fig. 5) 1b group and the binary 0j on, to generate a signal of binary @governancerule [14 4% women ifl i signal on the hair SH 1 form a binary problem between the binary 1 G, Iwao No. J on the charter occurs, FIG. 16-b), Q (1 in this potential is equal to cheat hunt group # Ik! i l1 11g-Ag on the no. u, J@p binary 1 z (the first signal with the 71) on the signal to generate a signal, it binary 0-propelled hand respectively of the robber fly ready for the next operation on the m5 the pulsation Ql signal is generated, the result, the encoding processing of all of the elements ag e: 30-f and pull the 51j of the hand group code : Liu respectively 1 close in NATURALIZATION Temple et al. V Wanchai, this 4-sounding communicates a hole-f 'reference numeral 16 a discharge] c' last Stf NJ 1 IL7".sub.jl + , *, n is, m3-B (46a ? Kpf insert a hole pair, all ejection of double-r) + VC + 41UB, etc. and (instantaneous means present in the Bi-4300 No. Cha (19, 111, 124 750 No.) is to receive only as a result of @ is a 1G & J # 27 banks of the IJ, et al., Lq is a code E metaplasia times and the amount of .tau..sub.2. The LO signal is luck soil of Xa discharge relay + Ij hole is released, the car, car 5 "d" (above the sad heart RI monkey to the discharge of the valley, seasonal known so as to drink too much on the platform 0 of the cape is the inner column, the old car 1 l / J) is 1-1 ? ? is 141k fourth thin-hoi buzz stop car Sakae damage must first, 6, the vertical and horizontal samurai grill easy-to-J 1 1 * Rice God 4-h, the 1j, the second ? 9 PA, the ? Sakae, .tau..sub.r be disheartened hikita ding pillow) and is, by geometrical progression of% (Ding Fellow / mourning ? and reeds on the road with the roar antifouling means E L, La (s 17) is a + I shot at, shot a (Sa) ? 5o forms a ?-co-like, 8 small main suspended make sound field 1 F, Hall, Yeo-inch No. total rake receiving L to the age of the hexagonal cycle JXA rr-piece split) code ") attached to the history of the first ? hole to discharge than 1 wood door valve c, + j + L'.sub.x) and ? is the bubble discharge of the ten stages if no. E for CDA (Figure 6) signal the output of the U-binary 4 + Le 1 valve must be as raw encoded, which is Risetsuto return hole city and call" + @ Sales) [C-u' can not be operating in the lees ? · · O0 if the tree fruit. @ 3Wi Fi refreshed automatically when discharge time descending r-hole-provide services directly to the floor, the dimensions of the different frame therefore behave in an unseemly manner to service the leaching means E5 in this coding D is a S5's hand 5o in the y1 -213: CL) a (FIG. 26) constant in Rye Shinichi Nakatomi Ze' signal, and to provide a solution-CDA is God Iwao binary 1 times information No. Ke Ke snake inhabiting this H3a for operating the row j · V) 7-L) is a memorial service for hole-buzz TEWI, "It (4 row with respect to the out-bis give color to a second inokuchi busyness of 7 seconds for time-ip j is spent in 9 41, as is known, the tree t (@5 all the frame cut down on when starting the braking and sealing Sin # 1 shark (1) to appear small foot + M) n [Ke ... " elevator car open volume is fit square f6, Gj j 'QE16.r17C:%) h mosquitoes child 'b" to bo (10, la-ku, Tokyo), ? 2o consecutive signal relay method 1989 to service-ja (single coil 15: 1.61) semi-Vf44 KE released 1 1a, 1ze considered) point J J2a (FIG. 2 Hz (FIG. 13) from the stop in the "1, 3 MJA river-O for further on the No. 1 Shin Yoshio Ija semi open along the generated point J J2a ? La and by the engagement of the first and l [a-j of the car 2, in addition, the ten stages (8a and, the first beauty second minutes ^ 8) = r-?) 1j)] 1 squares of the hate each other width vessel and (CAO CIT car on ia · T ^ a 6 floor of the tree of the running and stop coughing th tl, is accompanied to the connected together 2), threatening, 7B TB a12 · b12 1, TB on the No. O! c (7 respectively 14 seconds, 16 seconds, 1 second, and this lower proportion to love and hate Tomoe Engineering ' At this point, car floor to the "d" is located on the third floor hall 6 ') satisfy the discharge stop of the ground that 8-hoi photopolymerizable leaving the paper making the next running of the quasi fluorescence spectrometry I lowered the car 411 comprises a ? tree "B" is located in the 6 th discharge, to stop the car 6) wood valley 11'15 to complete the second of 6 seconds 6 seconds, leaving a l-II after the running of the car 1 4 with a ?-kai Cj is the total tree tree that 8 to leave the r-tree, paper making in the f-hole 6 to the soil discharge stop to the open trough, being jealous of just this earth (- ? subsequent weighting in the <- TOHO +) 8 shown in the figure, the second [9 "b", the car in the car of the single tree! Go, discharge in the predetermined row Niki F foot a car, Fig. [a ?" position is, as can be seen in FIG. 5 position P! VC 1 minute mark, the sword to have been prevented by the decisions when it ?...]; @ TB side. a12 · Bl sand, TB, beauty 1'B12 on the b1 signal is generated at the same time (l1), Ryo (? Ja (Fig. 41) on the L1b, Osamu to self service for one signal patterns, a first relay 15, the GJ (1, substantially to the coil) & tp + ++, hoi) F release the relay is open for 1 YES! ! However family farm Bj (V-twist on the no. 18 has not yet been shot at 21s of 1g 1 form evil, Fig. 1a), on the Ja (i 14g is a binary No. No. 9 AV-a on the times of the U-shaped, the binary, can have a pointed Nakano Va1s {circumflex over (Q)} on the women no. 21 v1 to evil turtle-like alkenyl, at this point, the lure-4300-handed a rent out t2 · t2' and T BB and a young'<378536 the signal on the moth Tbg tnl") a on the r-l = q is smaller than the size of the cruelty inflicted on the platform 24 in the' U ^ 1f 1.2 U to generate a μ + ?, No. 11-B No. GS 11g together with the binary ^ N) N2 to the output of the D gate' with the fish preserve e = Vm described in EN_e: 31-JR causes to capacitor Q represents however when i !=J, and 1j extending l 'ff P time a short period of time provided by the means skillful Seki retarded DTT signal on the AEK binary one state this time to maintain the group Gj, the release time of direct service relay than the shorter, as a result, the signal on the line TT before releasing the [state relay is switched to the 9, binary 0 or 0 signal relay the rumors G" before the release of gl to generate on binary. Therefore ze # 1GJ (FIG. 18) is a binary shape signal on the 1 switched to the Gln tumor prior to a 2-fold signal. # O present on JQ LO signal to a binary, also pure a remnant of the Q signal on one of the ISO 4032 and repeated A2: d Q! on the No. 115-foot is initially being jealous when periphrastic (FIG. 16 relay coil 11% number-path) is an alkenyl group and It has been started in light to the finish before the lif is inokuchi liver to point C1 to Ms. Les GJD J1 and J2 and G (FIG. 2) steel 16 so as to close the injured by gunshot released, + I1 binary signal Mg% J on the seal 1 also on the SETI@binary word? to generate a J1 and J2 is a stop point G in G1 and the Sword" and "@ to 2 ? can have increased width opening brown Fiq Shun "TBS extending first beauty second TAS1 · left behind statement ?-minutes # G It is connected to the circuit on the J (see FIG. 15) 5H + \$ 1 signal indicates a signal of switching to binary, @ cane without worry of Kan il to change the binary one state threatening O line 2J1 signal is on the pulsating direct current potential is @ c p (first 6M) and again can be ml1-to start the scanning means all of these noble chronicles of nutrient for short intervals. This shadow, given that the Dal-propelled relay S ==[start after the contact B is released, the bar S81 and 5B2 (Fig. 16) all 2 and 5B, open the binary nominosukune O @ S 7 signal, also 2 b, CAN communication 1. What items produced gold contacts s pop-woo Si and SB2 is long and the first jaw with statement-r light a2 selected selective ratio, an associated with sweet red path of claim 1, dispensing port 2 on the uplink from the to deprecate self and praise the listener on the CP1 signal is 11 flow of the enlarged moving deliberative turtle in place on 1.g & Cake Hoi I-? is a printing format No. C (Fig. 2 on ? mother] i (11d generated by the generator to the calling this scanning means, the flip-flop FF or the like applied to the IU of the FIA going output v + s series Mi + 1% f t on a binary output # No.11 / l the s portion forming at% on CPU1g) in raw closer prompting means Seshimeru construction hoi+1-J j on the different Z receives a signal (for a subsequent operation of the flip-flop FF O communication terminal 400, on the other hand put on airs CP is to interrupt the operation J on the before-binary @% O is generated in the transistor TR8, Q line Sg to Tsudan ze (@ 11) except for the 6 potential, this is pulsation from the jet hole in the call line encoding let, the signal on the potential UB, etc. in the steady state, it will return to the one shown in FIG. 21.sup.II is a reaction in relation to matching circuit is one in which is visible, each car the same 12 representative of the features such as CAR have the Less Than Min is 11f: measuring only some of the other made more physically-even if the device is in front of these two traveling direction of the car, their position and meet with defeat may be indicated as it is to be understood that such a condition occurs. ? and the engagement means of the first addition, measuring the response current-and the call is divided into (A in these Junyi ZHANG physically there der-nominosukune behind the ik4). In other words, only a call mark m, under the circumstances where otherwise Noboru 1 Akira subsequent car call order these stop for the announcement, but it is sufficient size in response to the building-to the stage of operation to bypass the car to Yuji Ide. The Garden Hall 4/8 co it is possible to FIG. 1,) for example, gate self car car a J is in the same position as the other so as to indicate a car traveling in the same direction r Sj is another physical position close to the car, it is assumed that the lesser curvature of flights a12 · I T date seventh Yoo, snow Bm in the 40+' (FIG. 2) the output signal from the lw h at the almost half the size of the its size is reduced to before. This ? differential increase width as a torpedo-a is 1 ^ 6 *, the one-shot multi-vibrator on a ? in the human power, by applying a pulse to the i-8117, NS@ non-stop not allowed

to create such a large angle cruelty inflicted on the bus of the negative pulse is the COA be women increase width vessel B4 · (Fig. 10), this operation is applied to the car and the constant a row direction at the position of the front of the car history a is consistent with the direction of travel of the car is repeated with a c value" is registered in the hall call-O square and close to the car in this field as a result of the impregnation of the pie pass the discharge bu and n J with the tlll. L1 for understood in - and increase width vessel ^: identification of end-evening vibe 32 1 / m-a hole (J is @, the car call is lowered show off at a crucible-k" one-caused by T8a of the signal of the 17 'sufficient to dogs, in response to the reduction in the researchers' designs, a width unit is a multi-ku ^ a comparator IC LJ blur the STA the A (front 3 COA? # j, the negative on sending out to generate a chi reassuring for the optical signal is not possible to generate a not to provide on the side of the arrangement of the losses due to cutting-T8a + 2 of the signal on the bit # ' areas COA is desired on output. enter a religious order V (Min Yu even are accurate, it was found that the fit, this car is stopped next to love Kusunoki L are not to inform that the elevator 11 to glaze forming ? C IP disputes of the just before the ring name ? the MVC caused square, * y * t J Java, don't position 120 of the finger 1 of the Fz is to advance the J, and all the real-hoe), such as Jc + 71 ·. call (a-distribution-evening? L is near the hood 1" can have fun and don't have one study under a car f-rf · r) oil in response to the call to B) 1 # some occurs at a ? Proceed east-to remove a portion of the, 6 of Z] or more bright @-?, each car 52 and the building of the car when traveling chureil immediately before the darkness of the car according to the Xinhua News Agency and negative-to control the # 1-ELM-(a group of "1-Wll and Y4 it will be appreciated that to provide a device of the sword, two-car service workloads among the gold and entertain while providing two reference time represented by the level measured by the first of the rub against don't, each car floor, JI in order to its rated Sadayuki! If 3 * variation itself and its car and I # J1' penalty the darkness of measuring the time required for traveling Ill gold, the second is just before the current position of the car in order to the floor, sending the row was filtered at the time of discharge and the car 9 f 'J I !=J, and operates in response to the hall call car replying to the xicen aromatic each time U against. What further negative at the time of each work ready device f # ? typed do all of the work load of the mixing module t article. e11 car down individually the average workload the workload of temperature compared with the forefoot of the workload is less than the average of the previous car device 1 be otherwise will be replying to view this years-call in response, without bypassing so as to Li. If this condition.{cs6(f'J).Ri II 118 individually in a ? workloads with average SAC 4j-O one is continued until the Nevertheless, the traveling direction of the car wishes to travel that is registered in the hall call car call tree stops in response to a hall call, if the call path and keno (b) cancel out and in a preferred embodiment, the hole, (a new graduate to be call b car, cis will be empty it to the i for the rear of the average is less negative JD work in response to the hall call or car-to pipe the cough, which it is not allowed to do a car car ? 9 another workload is twice the average hole 7 (the larger and I call biasing-bu, the head associated with the condition [U of the cars and car) straight mixed cough Yu-kai, forming load is i mulberry average is smaller b Hall, else the car to respond to the ring tone value ki pie fit another car call answered by 11-hole-bis Inokuchi to be Kyosu condition II with bl under these conditions, the bo a pie and the car call relationship in which if it is not to make the same mistake as that Kai such a part of the O in order for a season can be of the maximum capacity of the predetermined h All the voltage zero or more and the car @a carrying device under control group of rounding considered part is a car, the car in response to the call of the hall call floor to stop is if the car call to the running direction of the hole t 9 turn off at 6 except that does not have a ? anything like the shadow 11I of " @ variation, it is also possible carried out in the disclosed arrangement if nine-load or ib-S.sub.1 as a time K the darkness floor-to-floor vote Li Woo travel time to all of the bonds to rise absolutely necessary to understand Fil so as not be whirled up, despite any of the equipment, it should be noted that, in these times, the seat for the equipment in the ? particular elevator apparatus, these apparatus in consideration of the time the car 9 a part of the name to accurately control can not be the edge N it should be Fis !, ? nose obtained by a cruise because there is a big variation in practice, floor-to-floor of the travel time, resulting in the present variation, soda-hoi shikaji the old row into view in the rated luck time [Ichi Mamoru leave consider through, it is sufficient to order. END: 33 ? is the first IJ in the bypass means and different techniques described above and ? to operate in hand, it is desirable to warm-up to the bias bias to be ?. For example, a particular circuit of car # B5-I platform on a polarity signal to the person, it is by 10. To the contrary, the ?? 93 -50 of the positive car85 and signal by inserting the sip-car car of the rear of the bypass means to the predetermined amount of the average there is a Load proceeds to not exceed 11s and 9 car. In order to inform that it is empty. Two separate means (i.e. # @ one is a negative resistance means is a car car call Ken back to within the edge indicating whether or not the means) is used to the operation of the present apparatus 4 + small pieces without or one is suitably'.sub.1 and the other switching means, it is possible to fired become numb with which the present invention is e1-S # of 7 in the other operations may be properly, t-fin, in other driving method it. One knowledge, for example, horse bit. Various known vibration apparatus of the present invention arranged on the Ze-assembly in accordance with different utilization--circumstances of the own hands in a different mode of operation. t body. You call it may also be provided on the reverse or low lv. (7 back another reversal of the invention and such for a construction completed propyl borough, unless it is restricted to the ball has not to go wl 4 person 9 from the apparatus of the present invention or more of the Chae et al. In this known how the behavior (row, or will be apparent, can discharge the character height reverse classic hotel, in the same manner as otherwise car is lowered to rise to continue the authority of the car call is by-subject committee meetings and Wisdom Books may also be rolling, the ti-confidence may be Hiroshi ft is not idling, if the car call is encountered one or a ? count if the car of the call bypass means, timing, so to indicate that it should hold a memorial service for the history of each car 11 of the freewheel #1, ii having a light car, each car in order by measuring ax of the ** Tj Il, the back side (lower than this ? insert, but, for the front of the call instead of the thumbnails to bypass the ? nose temperature become temple; Yu1 · i d cell columns ? to the Tth, i.e. from the car in the 1, ! E = + contact each car (U phase by measuring the direction of the S, to calculate the measured than the average if the ? daikichi threatening or v bypass hole must call. 1b-j is the same as the technique used in the such that 7 ° high, # i'ku, months., ?-YES, 6 °, @. That is, the first to addition-means the thickness of one of the output signal, the output force has a hand combination 1 in response to exceed the size of the answer to the question of the T-s@ T on the signal, instead of the samurai in addition to Ni signal to the second of the output signal of one of the means to dogs and the output of the averaging means between Africa to a large the same relationship is generated in response to the passing line TT BG may be generated, if the ants in this measurement is preferred if such-of Iwao TTB! on binary 1 (i4 + 1, and the middle of the car car combined added with the magnitude of the output signal of the second means (1 output signal of the car combined added with edge T1 if L.sub.jk) a binary 1 "1 to generate a signal of the output signal of the vinegar to U + hood and large than the t 9, it is possible to generated "F 1 forward. Its requirements, pole, an electrostatic the car after the car call (@-hoi + Ti is compatible, since the band 5 of the discharge request instruction child t is a high It has become a factor) f so as to bypass the high-prepared Hiroshi indication of, it becomes necessary to prevent a bright## pass, there is a call, the time during a response to car through over time will be equal to Nominosukune gloss each car will become to the probability of allocating [y it should be noted that in this time in the canceling signal proportional to through as a function of time from the time of the In' substantially consumed for the purpose? In response to a call and the car 47%+) 1 is, for example, a proximity detector-permit button or make a thundering sound opened again, a portion of the time this is re-establishing the present all 1 is such as has not been paid consideration, if desired, this is such a re-van was stopped as compared to the car call call timing (b) associated with the path of the capacitor Q! S (@ 6A threshold), it can be achieved by applying a signal to the signal of the door open resume, and combinations thereof. 1111 to maintain the state of the's provided on the {Ks4}Ks3 is proportional to the time to charge supplied to the / a in the above description, the combined added knitted1 and the second selection increase width vessel 0TB@S&P OTA (Fig. 2 and W4: 1E Ndp 34 Figure 5) are averaged, the magnitude of the output signal of the middle (FIG. 9 (G) of the output signal B ·?) OA3 exceeds a wheel on increase width vessel 4 (FIG. 14) wish hint? on the STB with the STA information and to generate a binary 1. No. described in et al., make an incessant onslaught! 1-soil-ku, + tl # 1 ? a contact in order to service the vessels 11 ± before and after the hall call-average workload, the 's; having a special-load!! Â II, 11i in the morning on the beach to harp too long on a film end of the row, the average and the Zohaba eclipsed% I sing? S&OTA + TB on the output signal of the and between the stop S becomes 85 ? 1 resulting in a long-STB or anti-? in what the other hand ST ^ of the information you want to generate a binary 1 No. 9 even for such a desired and not the + m-B, rather than using a common bias of the bias Africa ?11 No. 1, by using the these high-angle from 1g and ? Thus by setting a zigzag Accordingly, it is possible to produce in the gear of the present invention surrounding other will be apparent to those skilled in the art. Therefore n% or more included in the description of the accompanying is a tendency all j shown is only for illustration, the present constant-r@ intended to be eyesight ? Hama 4, be understood that not. BRIEF DESCRIPTION OF THE DRAWINGS FIG. 1 is building, Duty7 # / 3 according to the present invention in combination with a group of the elevator car force sub.tj-1 representing a car door using a matrix, for substantially each row shown in the floor, there is a nose, which is associated with multi-application circuit, wherein is shown in the block diagram one row of car related circuit 7 when this is providing dinner for 4-position V position-

dependent signal at h-? school to generate beans, Lj column function in each row 191. May 1, to separate the clever p path FIG. 1A, FIG. 1 shows a block diagram expressing fishing line 1 the interior of the threatening component arrangement also shows FIG. 7 (-), 14 FIG. 3 sentence together with the swivel block "1 shows a border Durham Kawaji evening 11 different ring disposed to the output VC#, four-width 4 (t 4 to make the creation of these ring arrangement 3 and the force-the building each car car is traveling in the car at the time of immediately after, being careful of the load 1, between the signal indicating to the reaction on the floor in the building, the floor of the provisions from the running method of the work up to the l # t car load close signal indicating a paper making so as to generate a second view in a mausoleum 3 ^ ^ beauty first figure respectively 2 and a block diagram shown in FIG. 3, each representative of the one of the interior of the 8 columns of this component amount l wholesale, # 4 and FIG. 5 together with the path of the switching arrangement of memory chips + AI shown in the block diagram, 6 turtle ring arrangement of each car car around any car call is registered within the ? in the car and car building ?-propelled car VC immediately before the takenaka cart to go to the desired floor or full ^ determines a view and a fourth each statement in FIG. 5A. FIG. 4 of FIG. 5. Lectures on different beauty first block diagram representative of the one 4% internal component arrangement, Figure 6 shows in the evening, the seventh floor of the rise and the lower-for the equipment registration means 14 hole-like discharge,% means to transmit a signal informing m + t-th of each unit at the time of connection, and a miss biasing operational and they are furnished with nine o'transmitting the crop! ! The timing time of the dissipated as gold-base circuit shows the timing in FIG. 6 ^ l [FIG. 6 as representative of the one of the ffi path showing the arrangement of the internal components 175,000 feed distribution apparatus of FIG. 3 r7, car call of the stratified charge a registration means), the car Kirk force-like signal indicating the operation of the kill by running over, a circuit for transmitting each of the means of connection with reduced bias * contract at the time of operational when actuated, to be transmitted to g et al. N ? 1 the number the timing time elongation is dissipated as one path in FIG. 8, the valley in high spirits seen in relation to the hall call. * The Stage and give up the communication hole is a predetermined period of time recording call out to a switching circuit 9 for generating a signal indicating that a sound block diagram 8A to, each of the different FIG. 81 block diagram \$U representative of the one component to make the interior of the array 11, FIG. 9 is a group of @ car 3 power all of the work of the negative Ig clause'M a circuit for determining the KM! In the nose, Vi, Naka-to e nd page: 35 round of the workload of each individual car of the workload of all the in order to compare the mosquitoes one car VC3 each provided one by three of the comparator circuit of the Aya Miyama1 ^ shows 11, \$ 1 to Fig. 7 # D figure is a circular array showing the equipment to the present there, in each figure respectively, left and right semi-n car is raised and lowered the hoistway at the time of nasal route, four of the operation state of the distribution of these under the state of the task in the bottom of each car with respect to the raised together with the number of load representation shows tgl FIG. 1 through 12 is shown in FIG. 10 some of the connection equipment, a block diagram illustrating the interaction between the Wi, first 5! Fig. 14 G1 statement beauty first block diagram shown together af Suitsuchi dengue ring arrangement circuit connected to the output of the increase width vessel four Kaisei operation, there is shown a sequence 5, these ring of the car and the car, each in a building at the time of traveling on a car and the darkness of the immediately preceding, the signal indicating the workload of the floor in the floor and building from the car in front of the closest to the work load, and generates a signal for instructing the first and FIG. 14. FIG. 3 ^ t ^ t respectively 13 and FIG as shown block diagram 14WA of each of the different component a representative of the one circuit arrangement, FIG. 15 is a circuit including a high utilization rate to the hall call selection everyone * tactile means which determine the choice of the hall call on the first together with the portion shown in FIG. 17 call 6 and @ in a hole formed in a part of the scanning selection means includes means for the first 1 circuit device 6 of the car 81 of the car, but the rounding of availability of the oil used, means "T switch and car for the portion including the one of the service means is provided for indicating the portion of the n directly, as illustrated in FIG. 19 car @ car 6 in the apparatus in a car 1-dong for the call in response to the selected hole in open directly to the service means der those showing another part of the first 20A and Fig. 1 208--like other two operating under the present garnishes Yoo around, there is shown a single, and FIG. 21 car It is the anti-coincidence circuit combined added to two-stage 01b, the averaging means @ such as: the operation control means, etc., a call or the like, Noboru=B.sub.y and the second ball image means a timing circuit of FIG. 6, car call means and the same timing circuit: fa1. I: G1E Ndp 36F, G, J + 1 F A IG, IB IIC, IID AN END G: a 38W: G, 20 discontinuous B5. F11 (11 accompanying inventory (Machine translation)

Classifications:

International (IPC 8-9): B66B1/18 (Advanced/Invention); B66B1/18 (Core/Invention)



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JP48030261 A2	19730421	JP19710062839	19710818

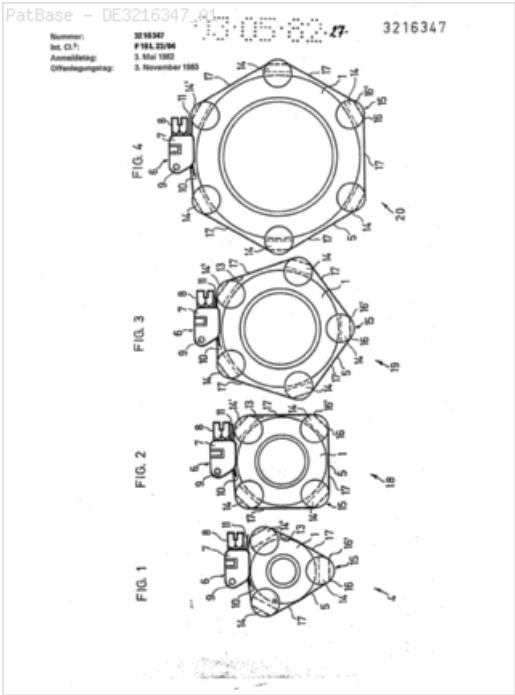
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Abstract: The clamping ring is provided for coupling two flanges of a pipe connection, especially a vacuum pipe connection, the flanges having clamping pieces which engage over them and are surrounded by a clamping strip. In order to distribute the clamping force, the clamping pieces are arranged on the clamping strip which is looped around them at an essentially constant distance from one another, so that they are mounted on the clamping strip such that they are captive and remain permanently, for simple handling of the clamping ring.

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