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Search 7: 1 and 2 (Results 6)
Search 8: 3 and 4 (Results 9)
Search 9: 1 and 3 (Results 21)

1) Family number: 57592048 (US2015306758A)

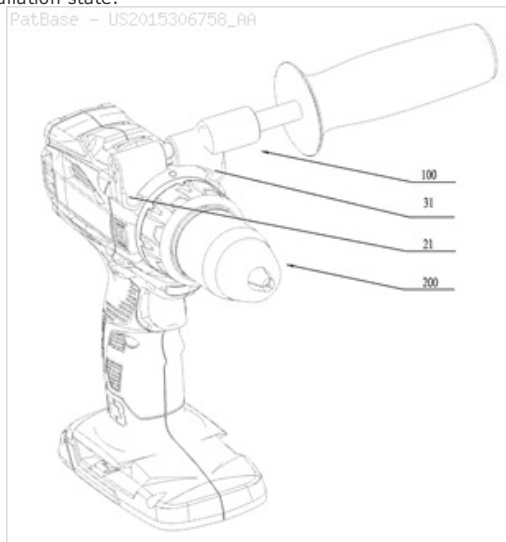
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Title: POWER TOOL AND ACCESSORY DEVICE THEREOF

Abstract: An accessory device for a power tool includes a first moving member, a second moving member, a functioning member associated with at least one of the first moving member and the second moving member, and a connecting assembly for connecting the first moving member and the second moving member. The first moving member is provided with a first installing member and the second moving member is provided with a second installing member. The first installing member and the second installing member are located in an installation state when the first moving member and the second moving member are moved towards each other to a preset position. The connecting assembly forces the first moving member and the second moving member to move simultaneously in a straight direction to enable the first installing member and the second installing member to be moved into or out of the installation state.

Classifications:

International (IPC 8-9): B25F5/00 B25F5/02
B25G3/00 (Advanced/Invention)
CPC: B25G1/102 B25G3/12 B25G3/00 B25F5/02
US: 16/426



Family:

Publication number	Publication date	Application number	Application date
■ CN203875858 U	20141015	CN201420204399U	20140424
■ DE202015101844 U1	20150611	DE201520101844U	20150415
■ US2015306758 AA	20151029	US20150688319	20150416

Priority:

CN201420204399U 20140424

Probable Assignee: CHERVON HK LTD

Assignee(s): (std): CHERVON INTELLECTUAL PROPERTY LTD ; CHERVON IP LTD ; NANJING CHERVON IND CO LTD

Assignee(s): CHERVON HK LTD ; NANJING CHERVON IND CO

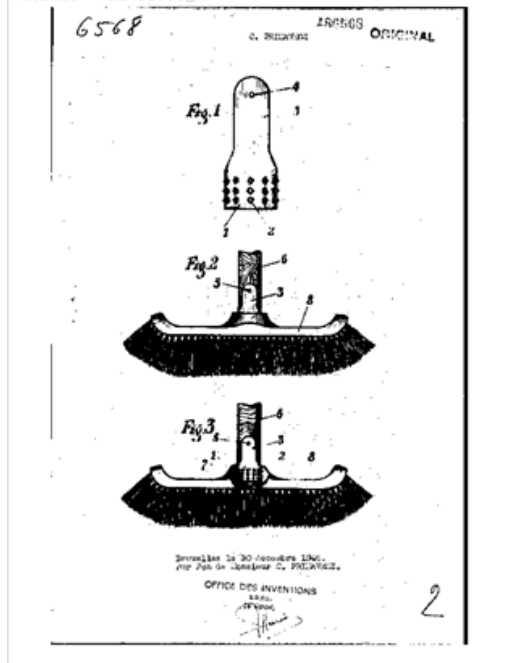
Inventor(s): (std): CHEN CUIHUA ; TONG SHUBIN

2) Family number: 34847050 (BE486568 A)

© PatBase

Classifications:

International (IPC 8-9): B25G3/00 B25G3/12 (Advanced/Invention)
CPC: B25G3/00 B25G3/12
European: B25G3/00 B25G3/12

**Family:**

Publication number	Publication date	Application number	Application date
BE486568 A	00000000		00000000

3) Family number: 40605108 (NL44864 C)

© PatBase

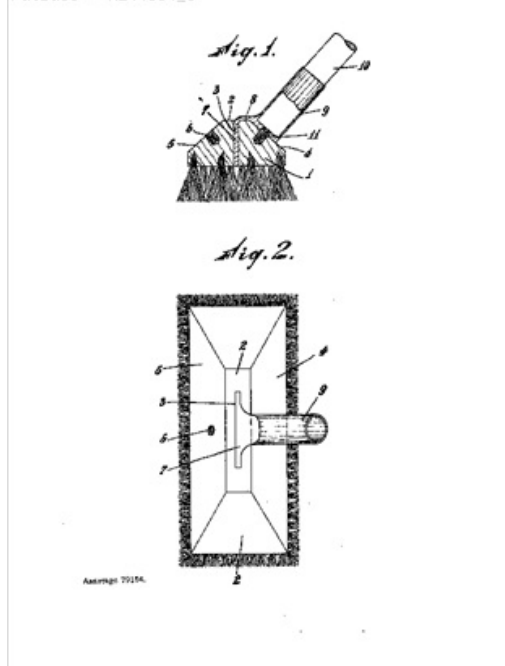
Classifications:

International (IPC 8-9): B25G3/00 B25G3/12
B25G3/30 (Advanced/Invention)

CPC: B25G3/00 B25G3/12 B25G3/30

European: B25G3/00 B25G3/12 B25G3/30

PatBase - NL44864_C

**Family:**

Publication number	Publication date	Application number	Application date
NL44864 C	19381216	NL19360079154	19360903

Priority:

NL19360079154 19360903

4) Family number: 46759156 (KR200369822Y)

© PatBase

Title: Re the combined structure of a sack with (Machine translation)

Abstract: Source: KR200369822Y **Machine translation:** This is the combination of the structure on the sack with herpes, and re insert the buffer tube into the Groove of the sack, the sack into the hollow inside of the Lord extended by forming a soft stone that refund re the combined sack on. This is a sack of staying home, Hebron was on the side of the home and

having the stone home refund, shock-absorbing insert a tube, buffer tube in my bag into the bushing of the PRC to open the coffin bore the shock-absorbing support and then extending the affected the care of combined ggeutjijeome. As such, this buffer tube exterior is Hale material support at home, and the sack of the console vertically and naegyeongeun in the sack is not the use of shock or vibration of h. does not pass the user's fatigue is less, it is easy to use, has the following benefits: Shock-absorbing, h., < number of tools, sacks, extension Division

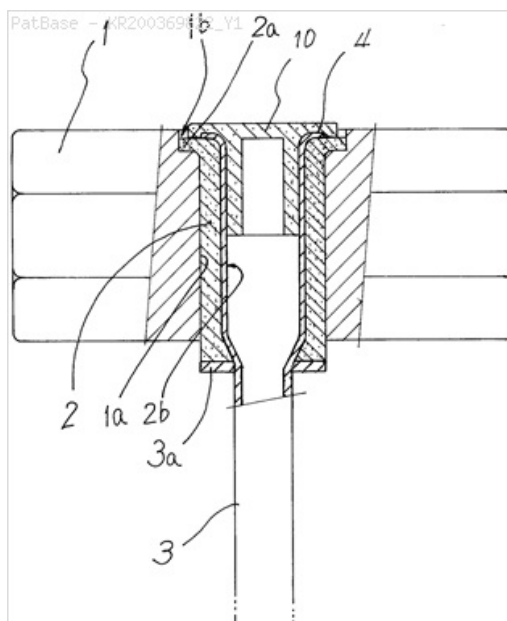
Classifications:

International (IPC 8-9): B25G3/00 B25G3/12 (Advanced/Invention);

B25G3/00 B25G3/12 (Advanced/Non-invention)

International (IPC 1-7): B25G3/00 B25G3/12

CPC: B25G3/00 B25G3/12 B25G3/28 B25D1/02



Family:

Publication number	Publication date	Application number	Application date
KR200369822 Y1	20041218	KR20040026187U	20040913

Priority:

KR20040026187U 20040913

Probable Assignee:

GWONJAEYEOL

Assignee(s):

GWONJAEYEOL

5) Family number: 19111189 (FR794633A)

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Title: DISPOSITIF POUR FIXER LE MANCHE AUX BALAIS, BROSSES A PARQUETS, MARTEAUX ET AUTRES USTENSILES OU OUTILS A MANCHE

Abstract: Source: CH197567A [DE] 1. Einrichtung nach Patentanspruch, da durch gekennzeichnet, dass der Kessel aus zwei senkrecht uebereinander angeordneten, bezueglich ihres Innenraumes durch eine Ringscheibe voneinander getrennten Teilen besteht, wovon der untere ein mit nach oben gerichteten Loechern versehenes Ringrohr zum Einfuehren von Dampf, sowie eine Ablassvorrichtung fuer das Kondensat aufweist. waehrend der obere, als Kuehlerdienende Teil mit Zu- und Abfuhrvorrichtungen fuer kaltes Wasser versehen ist. **Machine translation:** . 1 A device according to claim, characterized in that the boiler of two perpendicular over stacked, in respect of its interior consists of a washer ge from each other separated parts, of which the lower one provided with upwardly shape holes ring pipe for introducing steam, and a discharge device for has the condensate. while the upper is provided as part Kuehlerdienende with supply and Abfuhrvorrichtungen for cold water.

Classifications:

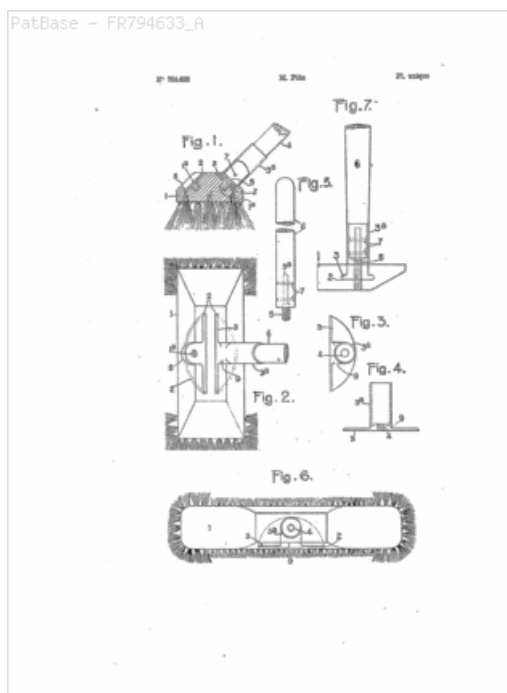
International (IPC 8-9): A23L3/18 A23L3/22 B22D19/08 B25G3/00 B25G3/12 (Advanced/Invention);

A23L3/16 B22D19/08 B25G3/00 (Core/Invention)

International (IPC 1-7): B25G3/30 C21D9/40 C22C39/00

CPC: B25G3/00 B25G3/12 A23L3/22 A23L3/18 B22D19/085

European: A23L3/18 A23L3/22 B22D19/08A B25G3/00 B25G3/12



Family:

Publication number	Publication date	Application number	Application date
CH197567 A	19380515		00000000
CH209799 A	19400430		00000000
FR48756 E	19380623		00000000
FR48841 E	19380712		00000000
FR785351 A	19350808		19350206
FR794633 A	19360221		19350906

Priority:

19340206

Probable Assignee: ALLGEMEINES DEUTSCHES METALLWE

Assignee(s): (std): ADMOS BLEIBRONZE DR SPRINGORUM ; ALLGEMEINES DEUTSCHES METALLWE ; RUETTIMANN ROBERT

Assignee(s): ALLGEMEINES DEUTSCHES METALLWERK G M B H ; ALLGEMEINES DEUTSCHES METALLWERK GMBH ; ADMOS BLEIBRONZE DR SPRINGORUM AND CO KOM GES

Inventor(s): (std): PLON MAX ; ROBERT RUETTIMANN ; RUETTIMANN ROBERT

6) Family number: 34837244 (BE470438 A)

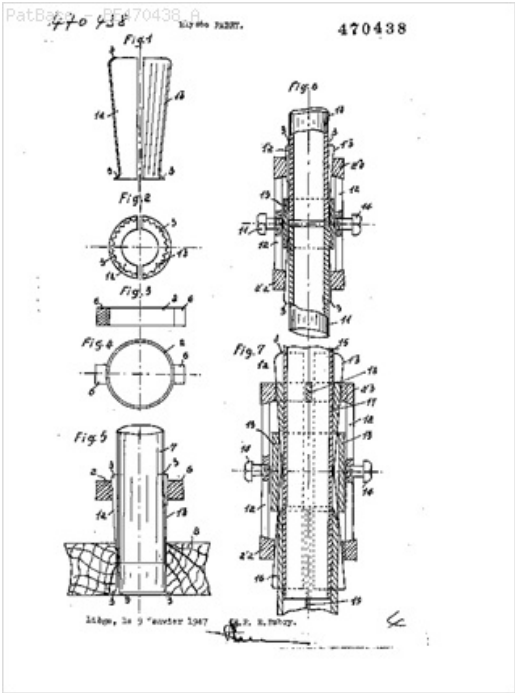
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Classifications:

International (IPC 8-9): B25G3/00 B25G3/12 (Advanced/Invention)

CPC: B25G3/00 B25G3/12

European: B25G3/00 B25G3/12



Family:

Publication number	Publication date	Application number	Application date
BE470438 A	00000000		00000000

7) Family number: 64042327 (US9498879B)

© PatBase

Title: QUICK RELEASE CLEANING TOOL

Abstract: A mechanism by which a user can switch between cleaning tools such as brooms, brushes, and mops while utilizing the same handle. This invention allows the user to reuse the same handle as opposed to having a separate long handle for each cleaning tool. A quick release mechanism that functions by use of a transverse spring and a vertical compression spring allows the user to switch between the cleaning tools quickly and easily.

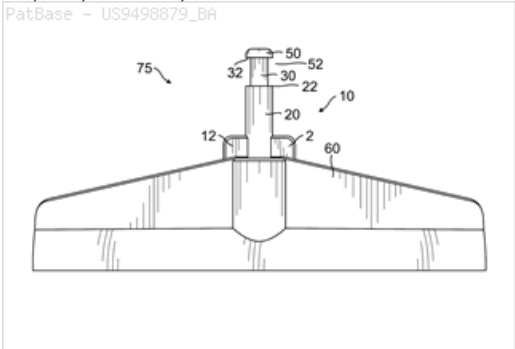
Classifications:

International (IPC 8-9): A46B5/00 B25G3/12

B25G3/26 (Advanced/Invention);

B25G1/04 B25G1/06 B25G3/00 (Advanced/Non-invention)

CPC: B25G3/26 B25G3/12 A46B5/00 B25G1/04 B25G1/06 B25G3/00 A46B5/0095 A46B2200/302



Family:

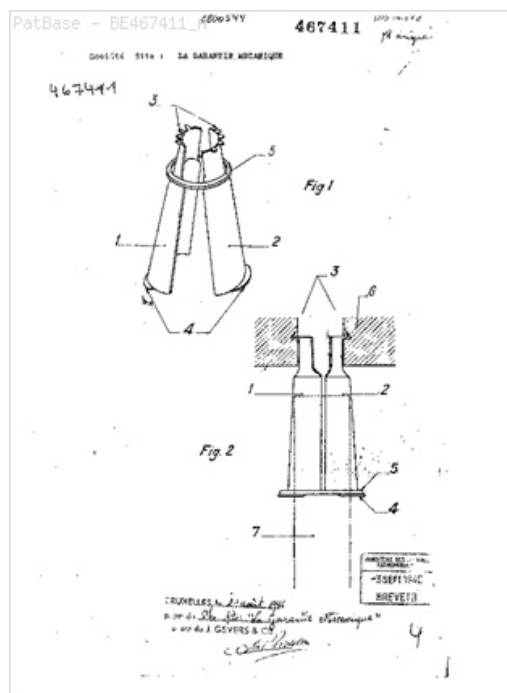
Publication number	Publication date	Application number	Application date
US9498879 BA	20161122	US20150887107	20151019

Priority:

US20150887107 20151019

Probable Assignee: WORLDWIDE INTEGRATED RESOURCES INC**Assignee(s):** (std): MARDRES GEORGE ; MORAD FRED I ; WORLDWIDE INTEGRATED RESOURCES INC**Inventor(s):** (std): MARDRES GEORGE ; MORAD FRED I**Agent(s):** THOMAS I**8) Family number: 34835399 (BE467411 A)**

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Classifications:**International (IPC 8-9):** B25G3/00 B25G3/12 (Advanced/Invention)**CPC:** B25G3/00 B25G3/12**European:** B25G3/00 B25G3/12**Family:**

Publication number	Publication date	Application number	Application date
BE467411 A	00000000		00000000

9) Family number: 19400406 (US1695565A)

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Title: TOOL-COUPLING MEANS

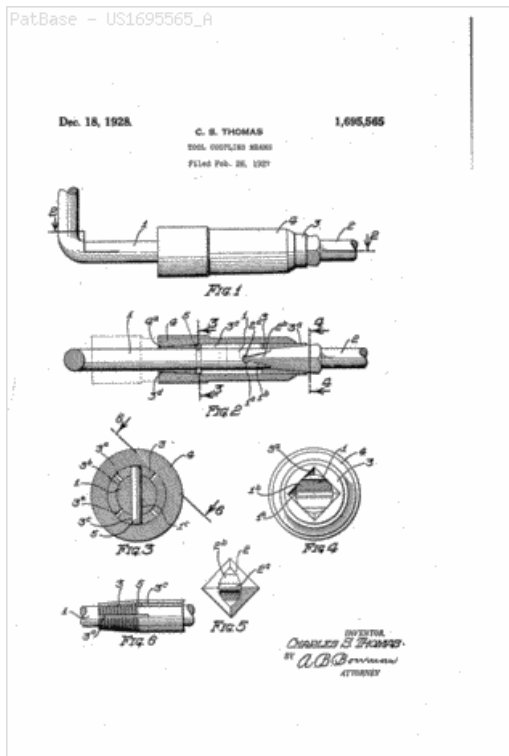
Abstract: 1, A device-of the class. It includes a shank provided with a dovetail shaped portion, a tool provided with a conforming dovetail shaped portion. A plurality of concentric slidably fitted sleeves on said shank, and taper means in said sleeves for locking said concentric sleeves over the joint of said shank and tool.

Classifications:**International (IPC 8-9):** B23B45/06 B25G3/00

B25G3/12 (Advanced/Invention);

B23B45/00 B25G3/00 (Core/Invention)

International (IPC 1-7): B25G3/12**CPC:** B25G3/00 B23B45/06 B25G3/12 Y10T279/17863 Y10T403/535**European:** B23B45/06 B25G3/00 B25G3/12**US:** 279/89 403/290

**Family:**

Publication number	Publication date	Application number	Application date
US1695565 A	19281218	US19270171223	19270226

Priority:

US19270171223 19270226

Probable Assignee:

THOMAS CHARLES S

Assignee(s): (std):

THOMAS CHARLES S

Inventor(s): (std):

THOMAS CHARLES S

10) Family number: 1932502 (GB2067451A)

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Title: HAND TOOLS

Abstract: In a hand tool e.g: garden shears of the type in which two co-operating members eg: blades are movable about a common pivot axis by handles connected to the members via tangs (15), each tang (15) has two projections (17, 18) thereon which engage in apertures in the associated member, the apertures being located on opposite sides of the pivot axis.

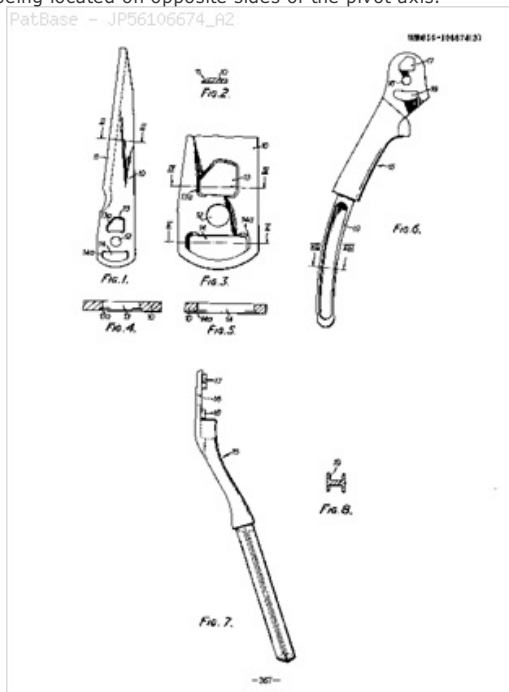
Classifications:

International (IPC 8-9): B23D29/02 B25B7/04 B25G3/00 B25G3/12 B26B13/00 B26B13/04 B26B13/28 (Advanced/Invention); B23D29/00 B25B7/00 B25G3/00 B26B13/00 (Core/Invention)

International (IPC 1-7): A01G3/02 A01G3/04 B23D29/02 B25G3/12 B25G3/34 B26B13/00 B26B13/04 B26B13/28

CPC: B25B7/04 B25G3/00 B25G3/12 B26B13/04

European: B25B7/04 B25G3/00 B25G3/12 B26B13/04

**Family:**

Publication number	Publication date	Application number	Application date
DE3101549 A1	19811203	DE19813101549	19810120

FR2473936 A1	19810724	FR19810001149	19810122
GB2067451 A1	19810730	GB19810001767	19810121
GB2067451 B2	19830518	GB19810001767	19810121
JP56106674 A2	19810825	JP19810007296	19810122
SE8100342 A	19810723	SE19810000342D	19810121
SE8100342 L	19810723	SE19810000342	19810121

Priority:

GB19800002102 19800122 GB19800019282 19800612 GB19810001767 19810121

Probable Assignee: WILKINSON SWORD LTD

Assignee(s): (std): WILKINSON SWORD LTD

Inventor(s): (std): KURISUTOFUAA ROORANDO BUUSU HA ; HARRISON CHRISTOPHER ROLAND BO ; HARRISON C R B

Inventor(s): CHRISTOPHER ROLAND BOOTH HARRISON ; BOOTH HARRISON CHRISTOPHER ROLAND ; C R B HARRISON

11) Family number: 64519538 (US2016374256A)

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Title: METHOD AND APPARATUS FOR ERGONOMIC APPLICATION OF ROTATIONAL HANDLE GARDEN TOOL

Abstract: A method and apparatus for an improved hand tool device wherein a handle may rotate at least 45 degrees to adjust to the user to help reduce the risk of injury and increase power application while gardening by adjusting and creating a favorable angle between the ground and the point of entry of the hand tool device into the ground.

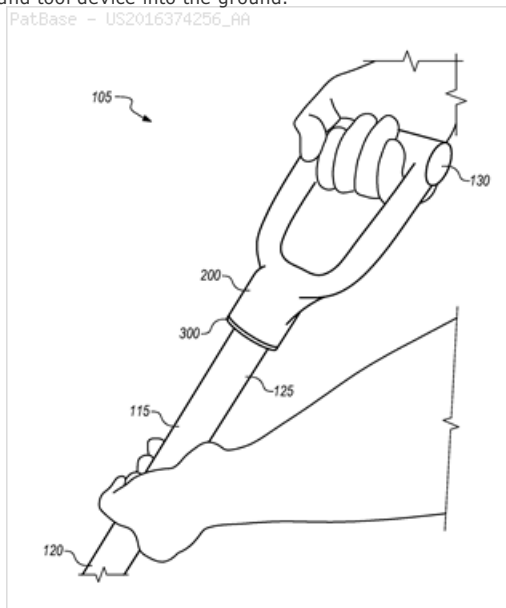
Classifications:

International (IPC 8-9): A01B1/00 A01B1/02 A01B1/06 A01B1/16 A01B1/20 A01B1/22 A01B1/24 A01D1/14 A01D7/00 A01D9/00 B25G1/00 B25G1/01 B25G1/06 B25G1/10 B25G3/00 B25G3/10 B25G3/12 E02F3/02 (Advanced/Invention); A01D1/06 A01D1/14 (Advanced/Non-invention)

CPC: B25G1/06 A01B1/06 A01D1/06 A01D1/14 B25G1/102 B25G3/12 A01D7/00 A01B1/16 A01B1/243 A01D9/00 B25G1/00 E02F3/02 B25G3/02 A01B1/227 B25G3/00 A01B1/02 A01B1/22

US: 1/1 172/1 81/489 D8/10 D8/107

Locarno class: 08/01



Family:

Publication number	Publication date	Application number	Application date
CN107683643 A	20180213	CN201710647841	20170801
EP3278641 A1	20180207	EP20170184947	20170804
US2016374256 AA	20161229	US20150804285	20150720
US2017014986 AA	20170119	US20160229795	20160805
US2017297191 AA	20171019	US20170641210	20170703
US9717174 BB	20170801	US20150804285	20150720
US9718181 BB	20170801	US20160229795	20160805
USD811849 S1	20180306	US20150546076F	20151118
WO16209300 A1	20161229	WO2015US42917	20150730

Priority:

US20150183251P 20150623 US20150804285 20150720 US20150546076F 20151118
US20160229795 20160805 US20170641210 20170703

Probable Assignee: CHOU HANK HUNG KUNG

Assignee(s): (std): CHOU HANK HUNG KUNG

Inventor(s): (std): CHOU HANK HUNG KUNG

Agent(s): HELLMICH WOLFGANG; ALEXANDER; CHEN ALEXANDER

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 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 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 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

12) Family number: 34831573 (BE461324 A)

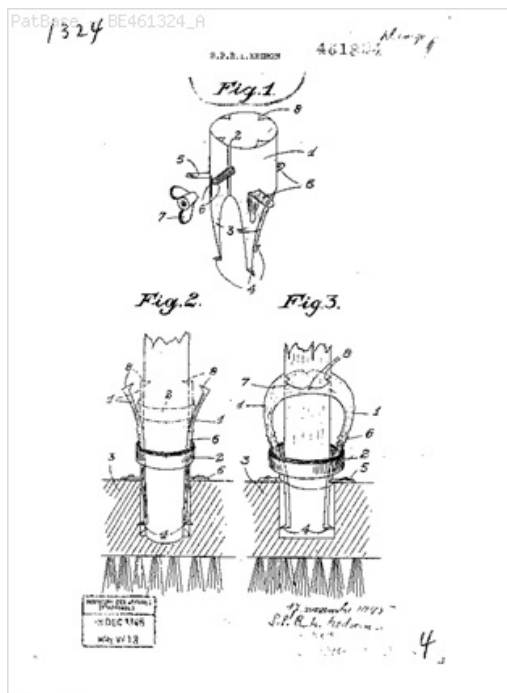
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Classifications:

International (IPC 8-9): B25G3/00 B25G3/12 (Advanced/Invention)

CPC: B25G3/00 B25G3/12

European: B25G3/00 B25G3/12



Family:

Publication number	Publication date	Application number	Application date
BE461324 A	00000000		00000000

13) Family number: 75513611 (WO19157404A1)

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Title: ERGONOMIC QUICK RELEASE PLASTIC DISPOSABLE BASE FOR MEDICAL INSTRUMENTS

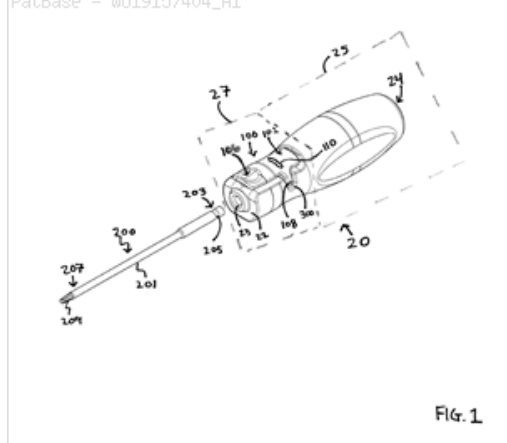
Abstract: The disclosure includes a connection method to connect a shaft to a body. The body and movable latch may be an integral single molded plastic part connected by a flexible. In operation actuating the movable latch to raise or lower a latching beak within a corresponding open guide in the plastic body. A shaft into a shaft guide in the body which intersects the beak guide to temporarily latching the shaft to the body via a mounting fixture the shaft with the beak; and, wherein the body has a face end and a tail end.

Classifications:

International (IPC 8-9): A61B17/00 B25G3/00 B25G3/02 B25G3/12 B25G3/18 B25G3/20 (Advanced/Invention)

CPC: A61B17/00 B25G3/00 B25G3/02 B25G3/12 B25G3/18 B25G3/20

PatBase - WO19157404_A1



Family:

Publication number	Publication date	Application number	Application date
WO19157404 A1	20190815	WO2019US17389	20190209
WO19157405 A1	20190815	WO2019US17390	20190209

Priority:

US20180628884P 20180209

Probable Assignee: ECA MEDICAL INSTR

Assignee(s): (std): ECA MEDICAL INSTR

Assignee(s): ECA MEDICAL INSTRUMENTS

Inventor(s): (std): SCHAAKE SARAH ; MILELLA MICHAEL ; MILELLA JR

Inventor(s): MILELLA JR MICHAEL J ; MILELLA MICHAEL J JR

Agent(s): KRIETZMAN MARK H

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 JO JP KE KG KH KM KN KP KR KW 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 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

KR19960063788U 19961230

Probable Assignee: HYUNDAI MOTOR CO LTD

Assignee(s): (std): HYUNDAI MOTOR CO LTD ; HYUNDAI MOTOR COMPANY

Assignee(s): HYUNDAI MOTOR CO

Inventor(s): (std): PARK MIN HYUNG

16) Family number: 34835705 (BE467890 A)

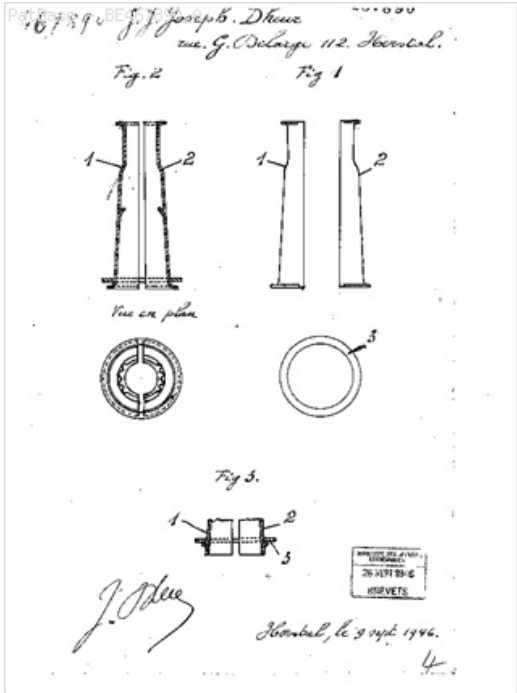
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Classifications:

International (IPC 8-9): B25G3/00 B25G3/12 (Advanced/Invention)

CPC: B25G3/00 B25G3/12

European: B25G3/00 B25G3/12



Family:

Publication number	Publication date	Application number	Application date
BE467890 A	00000000		00000000

17) Family number: 34833737 (BE464743 A)

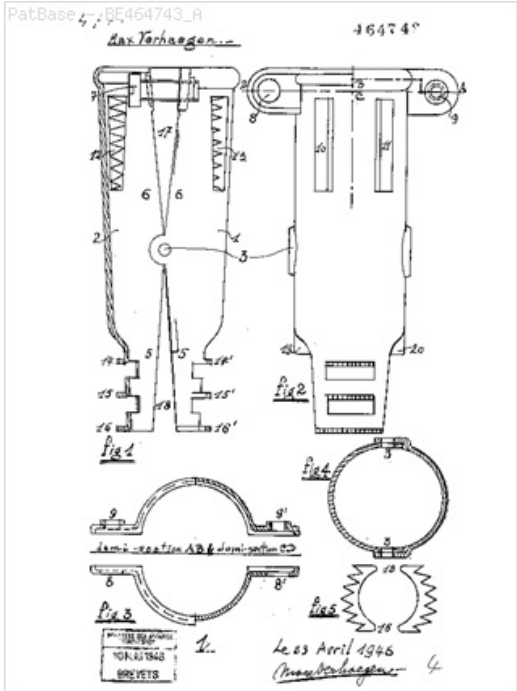
© PatBase

Classifications:

International (IPC 8-9): B25G3/00 B25G3/12 (Advanced/Invention)

CPC: B25G3/00 B25G3/12

European: B25G3/00 B25G3/12



Family:

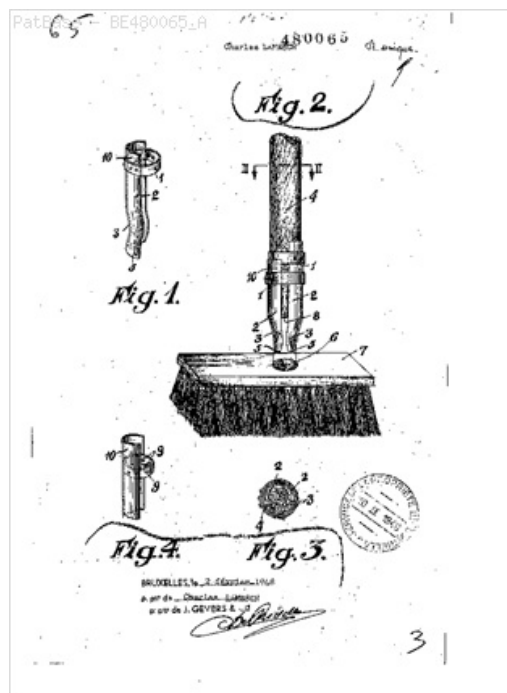
Publication number	Publication date	Application number	Application date
BE464743 A	00000000		00000000

Family:

Publication number	Publication date	Application number	Application date
BE483207 A	00000000		00000000

20) Family number: 34842923 (BE480065 A)

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Classifications:**International (IPC 8-9):** B25G3/00 B25G3/12 (Advanced/Invention)**CPC:** B25G3/00 B25G3/12**European:** B25G3/00 B25G3/12**Family:**

Publication number	Publication date	Application number	Application date
BE480065 A	00000000		00000000

21) Family number: 30229935 (US6527060B)

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Title: Portable power tool with separate pistol-type handle

Abstract: A portable power tool having a housing with a pneumatic motor, an output shaft extending in a longitudinal direction of the housing and connected to the motor, and a pistol type handle which a power supply for connecting the motor to a power source and which is fixable relative to the housing in alternate longitudinal positions. The housing is provided with an outer cylindrical surface with a geometric axis extending in the longitudinal direction of the housing, and the handle comprises a tubular portion with an inner cylindrical surface for guiding support of the housing surface. Locking elements are provided for arresting the handle relative to the housing in any desired position, and interacting air communicating passages are provided in the contact surfaces of the housing and the handle for conducting air to and from the motor irrespective of the actual longitudinal position of the handle relative to the housing.

Classifications:**International (IPC 8-9):** B25B21/00 B25B23/16

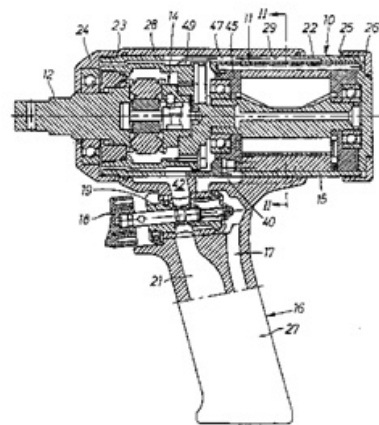
B25F5/02 (Advanced/Invention);

B25B21/00 B25B23/00 B25F5/00 (Core/Invention);

B25B B25G (Subclass/Invention)

International (IPC 1-7): B23B45/04 B25B21/00 B25B23/16 B25F5/02**CPC:** B25G3/00 B25B21/00 B25F5/02 B25G3/12 B25B23/16**European:** B25B21/00 B25B23/16 B25F5/02 B25G3/00 B25G3/12**US:** 173/169 173/170 173/93.5 173/935

FIG 1

**Family:**

Publication number	Publication date	Application number	Application date
DE69902753 D1	20021010	DE19996002753T	19990126
DE69902753 D1	20021010	DE19996002753	19990126
DE69902753 T2	20030515	DE19996002753T	19990126
EP1054754 A1	20001129	EP19990906608	19990126
EP1054754 B1	20020904	EP19990906608	19990126
JP2002502715 T2	20020129	JP20000530345T	19990126
SE511742 C2	19991115	SE19980000307	19980203
SE515533 C2	20010820	SE19980001156	19980401
SE9800307 A	19990804	SE19980000307D	19980203
SE9800307 A0	19980203	SE19980000307	19980203
SE9800307 L	19990804	SE19980000307	19980203
SE9801156 A	19991002	SE19980001156D	19980401
SE9801156 A0	19980401	SE19980001156	19980401
SE9801156 L	19991002	SE19980001156	19980401
US6527060 BA	20030304	US20000601207	20001002
WO9939877 A1	19990812	WO1999SE00100	19990126

Priority:

SE19980000307 19980203 SE19980001156 19980401 WO1999SE00100 19990126

Probable Assignee: ATLAS COPCO AB

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