

PatBase - Search results 15 May 2020
Search query (2): fn=(66538256 or 75048928 or 60399354 or 65620125 or 67917033 or 75048928 or 42413875 or 60399354 or 65620125 or 31801531 or 43731713 or 26118916 or 26118919 or 31415230 or 32367784 or 43907744 or 34193648 or 44937826 or 47033291 or 44120146 or 49148476 or 50161823 or 50793646 or 53653574 or 50963291 or 54907803 or 56252260 or 5188531 or 29259317 or 12168813 or 12266298 or 15298407 or 16059800 or 27988691 or 28827217 or 31415230 or 31347512 or 41036985 or 34173693 or 34173693 or 44937826)
Results: 35

1) Family number: 67917033 (US2017363279A)

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Title: LUMINOUS ATTIRE

Abstract: A luminous attire comprising a garment including at least one light source whereby when the luminous garment is worn by a user and in use, the at least one light source emits light in a direction substantially ahead of the wearer and in the direction in which the wearer is traveling to lighten the surroundings and direction in which the wearer is traveling. On the luminous garment, the at least one light source is positioned on the attire at at least one location whereby the wearer does not have to manually point the at least one light source ahead of the wearer and in the direction in which the wearer is traveling. The luminous attire may comprise different types of luminous garments. The wearer may simultaneously wear more than one type of luminous garment, if so desired.

Classifications:

International (IPC 8-9): A41B1/00 A41D1/00 A41D1/08 A41D19/00 A42B1/24 A43B1/00 A43B3/00 F21V21/08 F21V21/088 F21V23/04

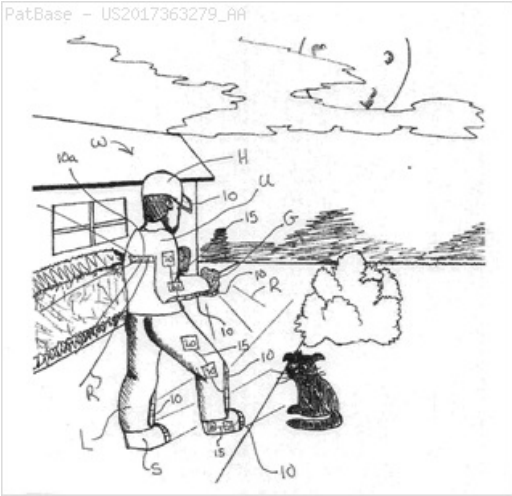
F21V33/00 (Advanced/Invention);

F21W111/10 (Advanced/Non-invention)

CPC: A41D1/002 A41D13/01 A41D19/0157 A41D27/085 A42B1/244

A43B1/0081 A43B3/001 F21L4/00 F21V21/0832 F21V21/088 F21V33/0008 F21W2111/10 F21Y2115/10

US: 1/1 362/106



Family:

Publication number	Publication date	Application number	Application date
US2017363279 AA	20171221	US20160186491	20160619
WO17222756 A1	20171228	WO2017US35050	20170530

Priority:

US20160186491 20160619

Probable Assignee: MACIAS JORGE ROBERTO

Assignee(s): (std): MACIAS JORGE ROBERTO

Inventor(s): (std): MACIAS JORGE ROBERTO

Agent(s): REISS STEVE

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 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

2) Family number: 65620125 (US2018376561A)

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Title: WEARABLE LIGHT-EMITTING APPARATUS AND CONTROL METHOD

Abstract: The present invention refers to a wearable light-emitting device that can be used for safety warnings, cheering, and light show performing. The invention also refers to a control method that allows the wearer to perform different commands by waving her/his hand in left or right, up or down, forward or backward directions. In addition, the control method allows the wearer to turn off/on the light and change its color with simple actions such as closing and opening her/his hand. Furthermore, the invention allows the wearer to easily handle other objects or perform grasping tasks while wearing this device.

Classifications:

International (IPC 8-9): F21V23/00 F21V23/02 F21V23/04 F21V33/00 F21W111/10 F21W121/06 F21Y113/13 F21Y115/10 G08B5/00

H05B33/08 (Advanced/Invention);

F21V23/00 F21W111/10 F21W121/06 F21Y113/13

F21Y115/10 (Advanced/Non-invention)

CPC: F21V23/0471 F21W121/06 G08B5/004 H05B45/00 F21V23/003

F21V23/02 F21W2111/10 F21Y2113/13 F21Y2115/10 H05B45/20



Family:

Publication number	Publication date	Application number	Application date
US2018376561 AA	20181227	US20160773875	20160905
US10542603 BB	20200121	US20160773875	20160905
WO17077405 A1	20170511	WO20161B55304	20160905

Priority:

VN20150000340 20151104 VN20150000340U 20151104 WO20161B55304 20160905

Probable Assignee: PHAM HUYNH PHONG

Assignee(s): (std): PHAM HUYNH PHONG

Inventor(s): (std): PHAM HUYNH PHONG

Agent(s): FOLEY AND LARDNER LLP

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 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: 44120146 (US2011078842A)

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Title: GLOVE AND AN ILLUMINATING INDICATING SYSTEM

Abstract: A glove and illuminating indicating system is provided. The system includes a reed switch in the middle finger of the glove, a magnet connected to the thumb of the glove, and a lighting means. The system is configured such that bringing the reed switch and the magnet within a threshold distance from each other causes the reed switch to effect illumination of the lighting means.

Classifications:

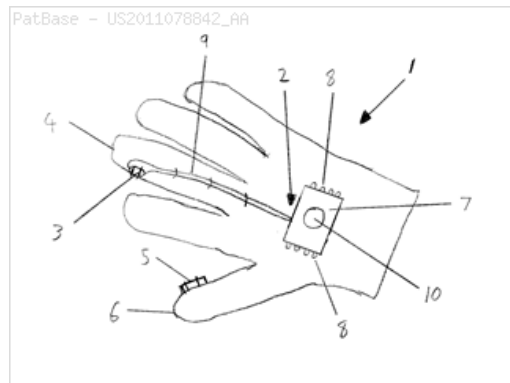
International (IPC 8-9): A41D19/00 A41D19/015

F21V21/08 (Advanced/Invention)

CPC: A41D19/0157

European: A41D19/015L

US: 2/160 2/160P 362/103



Family:

Publication number	Publication date	Application number	Application date
GB200917436 A0	20091118	GB20090017436	20091006
GB201016518 A0	20101117	GB20100016518	20101001
GB2474340 A1	20110413	GB20100016518	20101001
GB2474340 B2	20130327	GB20100016518	20101001
US2011078842 AA	20110407	US20100899107	20101006
US8540389 BB	20130924	US20100899107	20101006

Priority:

GB20090017436 20091006 US20100899107 20101006

Probable Assignee: TANG JUINN H

Assignee(s): (std): TANG JUINN H ; TANG JUINN HAO

Assignee(s): JUINN HAO TANG

Inventor(s): (std): TANG JUINN HAO

Inventor(s): JUINN HAO TANG

Agent(s): INDIANO LAW GROUP LLC; E VICTOR

4) Family number: 28827217 (US6592235B)

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Title: LIGHT EMITTING GLOVE

Abstract: Light emitting gloves provide a source of light under poorly lit or dark conditions to facilitate the completion of tasks. Such gloves are particularly useful when the use of both hands is required, eliminating the possibility of one hand holding a light source such as a flashlight. Light emitting gloves are also of great utility when working in a tight area where there may not be room for a separate light source and the hand performing the task. The person wearing the gloves can be seen more clearly from a distance during periods of low visibility, enhancing safety.

Classifications:

International (IPC 8-9): A41D19/015 G08B5/00 (Advanced/Invention);

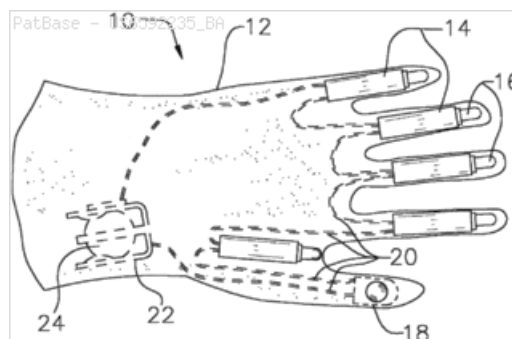
A41D19/015 G08B5/00 (Core/Invention)

International (IPC 1-7): F21V21/08

CPC: Y10S362/80 G08B5/004 A41D19/0157

European: A41D19/015L G08B5/00B

US: 2/160 362/103 362/184 362/191 362/205 362/800



Family:

Publication number	Publication date	Application number	Application date
US6592235 BA	20030715	US20020080442	20020222

Priority:

US20020080442 20020222

Probable Assignee:

MAYO GARY

Assignee(s): (std):

MAYO GARY

Inventor(s): (std):

MAYO GARY

5) Family number: 31415230 (US2004255361A)

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Title: ILLUMINATED GLOVE

Abstract: An illuminated glove having a light source that is switch activated between a continuous light mode, a blinking light mode or an off mode is readily visible in low light or no light conditions. The illumination source itself has a single light source that is utilized to become broadly illuminated through use of a polymer lens or light conducting fibers so that the illumination from the system is broadly distributed across the back palm side of the glove. The light source is activated either by a voice activated system, a single point dome switch or a double contact switch having the contacts located on the thumb and index finger so that the unit can be controlled by simply pressing the thumb against the index finger.

Classifications:

International (IPC 8-9): A41D19/00 A41D19/015 (Advanced/Invention);

A41D19/00 A41D19/015 (Core/Invention);

A41D (Subclass/Invention)

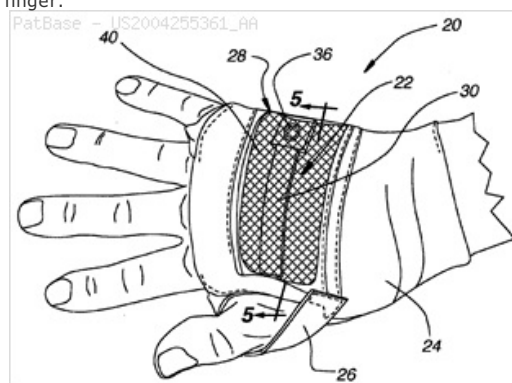
International (IPC 1-7): A41D1/00 A41D19/00

CPC: A41D19/0157

European: A41D19/015L

US: 2/160

Locarno class: 21/60



Family:

Publication number	Publication date	Application number	Application date
CA2530145 AA	20051221	CA20042530145	20040607
CN1838892 A	20060927	CN200480024245	20040607
EP1635660 A2	20060322	EP20040754662	20040607
EP1635660 A4	20071212	EP20040754662	20040607
US2004255361 AA	20041223	US20030602269	20030623
US7013490 BB	20060321	US20030602269	20030623
WO05000051 A2	20050106	WO2004US18110	20040607
WO05000051 A3	20050602	WO2004US18110	20040607

Priority:

US20030602269 20030623 WO2004US18110 20040607

Probable Assignee: R2 INNOVATIONS LLC

Assignee(s): (std): MAGNA PRODUCTS LLC ; MATUSZEWSKI ROBERT E ; SENTER ROBERT L

Assignee(s): R2 INNOVATIONS LLC

Inventor(s): (std): SENTER ROBERT L ; MATUSZEWSKI ROBERT E ; SENTER ROBERT L MATUSZEWSKI RO

Agent(s): GOWLING LAFLEUR HENDERSON LLP; DORSEY AND WHITNEY 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 KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

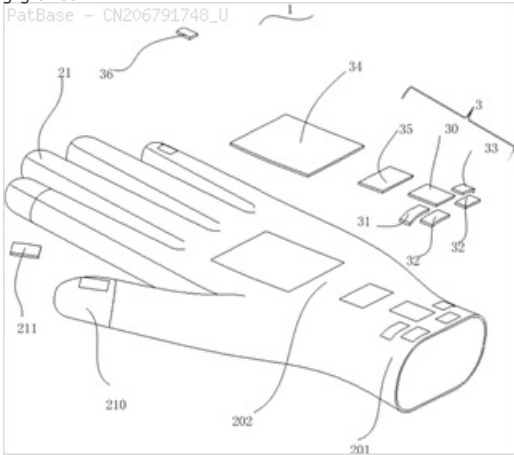
6) Family number: 66538256 (CN206791748U)

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Title: INTELLIGENT GLOVE

Abstract: This application intelligent glove for match the smart mobile phone, include the gloves body and set up the unit in the intelligent management of gloves body, the gloves body includes main part and the finger portion that communicates each other with the main part, the intelligent management unit set up in on the main part, its power module, bluetooth module, incoming telegram warning module that includes electric connection, finger portion is equipped with the conducting layer with intelligent management unit electric connection, finger portion still be equipped with with bluetooth module electricity even answer the functional module. This application is passed through set up the conducting layer in intelligent glove's the finger portion, set up in glove body portion with the electric intelligent management unit of being connected of conducting layer to setting up on the conducting layer and answering the module and regard finger portion as the control switch who answers ring off, convenient to use person is convenient use cell -phone under the condition of not shirking gloves.

Classifications:
International (IPC 8-9): A41D19/00 A41D19/015 H04M1/725 H04W4/00 (Advanced/Invention)
CPC: A41D19/0024 A41D2400/12 H04M1/7253 H04W4/80 A41D19/01535



Family:

Publication number	Publication date	Application number	Application date
CN107006923 A	20170804	CN201710405587	20170601
CN206791748 U	20171226	CN201720628166U	20170601

Priority:
CN201710405587 20170601 CN201720628166U 20170601

Probable Assignee: SHENZHEN ZAOWUBULUO TECH CO LTD

Assignee(s): (std): SHENZHEN ZAOWU BULUO TECH CO LTD ; SHENZHEN ZAOWU TRIBE TECHNOLOGY CO LTD ; SHENZHEN ZAOWUBULUO TECH CO LTD

Assignee(s): SHENZHEN ZAOWUBULUO TECHNOLOGY CO ; SHENZHEN ZAOWU BULUO TECHNOLOGY CO

Inventor(s): (std): TANG ZHIHAI

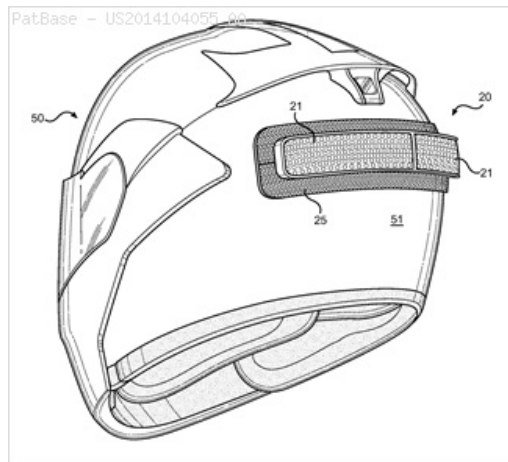
7) Family number: 56252260 (US2014104055A)

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Title: HELMET-MOUNTED MOTORCYCLE RIDER VISUALIZATION DEVICE

Abstract: A motorcycle helmet indicator assembly is provided that includes a passive and active illumination means. The assembly is either built-into or is an attachable assembly for a motorcycle helmet, wherein a short range wireless protocol is utilized to synchronize the motorcycle brake lights and turn signals with two indicators along secured along the rear of the motorcycle helmet. Each of the indicator bezels is surrounded by a passive reflector surface, wherein the helmet is visible in low light whether the motorcycle indicators are energized or not. This promotes visualizing motorcyclist in traffic and in low light conditions, improving awareness of the motorcyclist's position in traffic and improving his or her safety.

Classifications:
International (IPC 8-9): A42B3/04 B60Q1/26 (Advanced/Invention)
CPC: A42B3/0453 B60Q1/26 B60Q1/2676
US: 340/468



Family:

Publication number	Publication date	Application number	Application date
US2014104055 AA	20140417	US20130048499	20131008
US9603403 BB	20170328	US20130048499	20131008

Priority:

US20120713936P 20121015 US20130048499 20131008

Probable Assignee: BOUTTE ANGELA

Assignee(s): (std): BOUTTE ANGELA

Inventor(s): (std): BOUTTE ANGELA

Agent(s): GLOBAL INTELLECTUAL PROPERTY AGENCY LLC; DANIEL

8) Family number: 50963291 (US2013169420A)

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Title: ELECTRONIC CONTROL GLOVE

Abstract: Many people active and inactive can't readily control their audio experience without reaching into a pocket or some other location to change a setting or answer the phone. The problem is the lack of convenience and the inaccessibility when the user is riding his motorcycle, skiing, bicycling, jogging, or even walking with winter gloves on, etc. The electronic control glove described here enables enhanced control over electronic devices wirelessly at all times from the user's fingertips. The glove is manufactured with electrical conductive materials along the fingers and the thumb, where contact with the thumb and finger conductive materials creates a closed circuit which is transmitted to a control device on the glove that can then wirelessly transmit messages to remote electronic devices such as cell phones, audio players, garage door openers, military hardware and software, in work environments, and so forth.

Classifications:

International (IPC 8-9): G06F1/16 G06F3/01 G06F3/033 G08C17/02 G09G5/08 (Advanced/Invention);

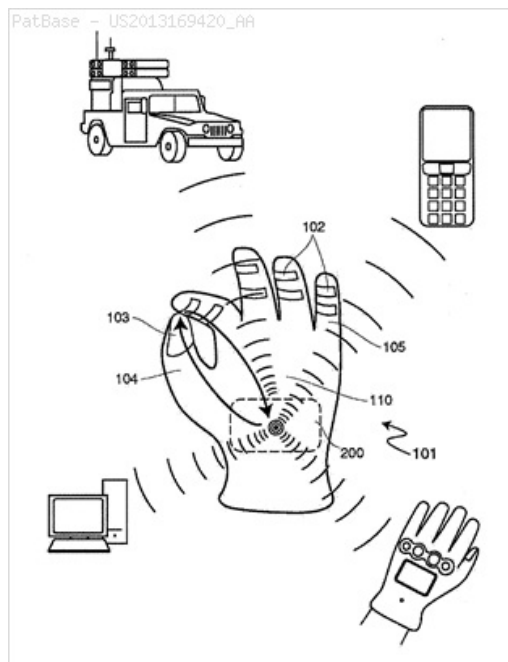
H01H9/02 (Advanced/Non-invention)

CPC: G08C17/02 G06F3/014 H01H2009/0221 H01H2203/0085

US: 340/12.5

JP F-Term: 5E501 5E555 5E555/AA04 5E555/BA04 5E555/BA17 5E555/BA23 5E555/BB04 5E555/BB17 5E555/BB23 5E555/BE10 5E555/CA23 5E555/CB22 5E555/CC01 5E555/FA01

JP F-Index: G06F3/01/310/D G06F3/01/514



Family:

Publication number	Publication date	Application number	Application date
BR112013009420 A2	20160809	BR20131109420	20111018
CA2812355 AA	20130321	CA20112812355	20111018

CA2812355 C	20151229	CA20112812355	20111018
EP2630558 A1	20130828	EP20110834970	20111018
EP2630558 A4	20170104	EP20110834970	20111018
JP2013546057 T2	20131226	JP20130534068T	20111018
KR20130141480 A	20131226	KR20137009057	20111018
MX2013003763 A1	20130520	MX20130003763	20111018
US2013169420 AA	20130704	US20110822688	20111018
WO12054443 A1	20120426	WO2011US56657	20111018

Priority:

US20100394013P 20101018 US20100394879P 20101020 WO2011US56657 20111018
US20110822688 20111018

Probable Assignee: BLUE INFUSION TECHNOLOGIES

Assignee(s): (std): BLOUNT JR WILLIE LEE ; BLOUNT WILLIE LEE JR ; BLUE INFUSION TECH LLC ; BLUE INFUSION TECHNOLOGIES LLC

Assignee(s): BLUE INFUSION TECHNOLOGIES

Inventor(s): (std): BLOUNT JR WILLIE LEE ; BLOUNT WILLIE LEE JR

Inventor(s): WILLIE LEE BLOUNT JR

Agent(s): MOFFAT AND CO; DEARDEN ANTHONY JAMES; TUNG MARY B

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

9) Family number: 47033291 (US2010253501A)

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Title: SYNCHRONIZED LUMINATED SAFETY APPAREL

Abstract: A safety synchronized illuminated system includes wearing apparels worn on a person. A plurality of light strips is secured to the wearing apparels. The wearing apparels include jacket, helmet and a pair of gloves. A power source, CPU chip for timing, sequencer for time sequential selection and turn signal box activates the plurality of light strips in four items: jacket, helmet, a pair of boots and a pair of gloves in a one-by-one time sequential manner, and synchronized rolling fashion in light patterns and following the traffic color codes via wire or wireless link. Each of items of the apparel can be also activated individually, independently and separately. When the light strips are activated by switch and a power source, the wearing apparels worn on the person is more visible to others especially at night.

Classifications:

International (IPC 8-9): B60Q1/34 B60Q1/44

H05B39/02 (Advanced/Invention)

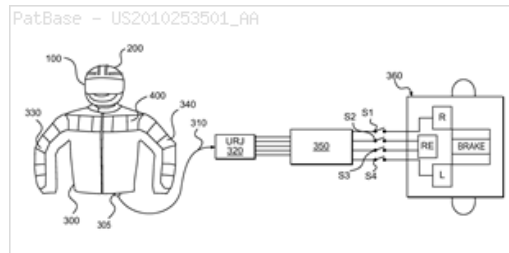
CPC: A41D13/01 A42B3/044 B60Q1/2673 B60Q2900/30 B62J6/04

H05B47/155 B62J6/05 B62J6/165

European: A41D13/01 A42B3/04B6 B60Q1/26J6 B62J6/00C B62J6/04

H05B37/02S L60Q900/30 L62J6/00D

US: 315/313 315/313S 340/475 340/475P 340/479 340/479S



Family:

Publication number	Publication date	Application number	Application date
US2010253501 AA	20101007	US20100753070	20100401

Priority:

US20090165509P 20090401 US20100753070 20100401

Probable Assignee: GIBSON DELVONO

Assignee(s): (std): GIBSON DELVONO

Inventor(s): (std): GIBSON DELVONO

Agent(s): THIEN TRAN ACCESS PATENT GROUP LLC

10) Family number: 12266298 (US6066357A)

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Title: METHODS OF MAKING A FULL-COLOR ORGANIC LIGHT-EMITTING DISPLAY

Abstract: Methods of making a full-color organic light-emitting display are disclosed. The methods include ink-jet printing of fluorescent dopants selected to produce red, green, or blue light emission from designated subpixels of the display. The dopants are printed sequentially from ink-jet printing compositions which permit printing of dopant layers over a light-emitting layer containing a host material selected to provide host light emission in a blue spectral region. The dopants are diffused from the dopant layer into the light-emitting layer by exposing the light-emitting layer and the dopant layers to vapor of a fluid or fluid mixture. When an ink-jet printing composition is formulated with a printing fluid having fluid vapors which promote dopant diffusion, the steps of ink-jet printing and diffusing of dopants can be combined to form a selectively doped light-emitting layer.

Classifications:

International (IPC 8-9): H01L27/32 H01L51/50 H05B33/00 H05B33/10

H05B33/12 H05B33/14 (Advanced/Invention);

H01L51/00 H01L51/30 H01L51/50 H05B33/00 (Advanced/Non-invention);

H01L27/28 H01L51/50 H05B33/00 H05B33/10 H05B33/12

H05B33/14 (Core/Invention);

H01L51/00 H01L51/05 H01L51/50 (Core/Non-invention)

International (IPC 1-7): B05D5/06 H01L27/15 H01L51/20 H05B33/00 H05B33/10 H05B33/12 H05B33/14

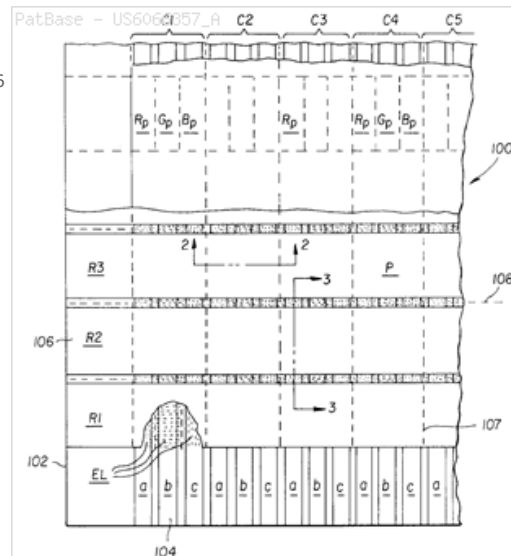
CPC: H01L51/0035 H01L51/0036 H01L51/0038 H01L51/0077 H01L51/5036 H01L51/56 H01L27/3211

European: H01L27/32C4 H01L51/56 T01L51/00M12 T01L51/00M2B T01L51/00M2B2 T01L51/00M2B4 T01L51/30D2 T01L51/30D2B T01L51/30D2D T01L51/30M T01L51/50E8

US: 257/E51.028 257/E51.029 257/E51.031 257/E51.041 427/164 427/165 427/265 427/266 427/269 427/66 427/68 427/69

JP F-Term: 3K007 3K007/AB04 3K007/AB18 3K007/CA01 3K007/CA02 3K007/CA05 3K007/CB01 3K007/CB03 3K007/DA00 3K007/DB03 3K007/EB00 3K007/FA01 3K007/FA02 3K107 3K107/AA01 3K107/BB01 3K107/CC06 3K107/CC35 3K107/CC45 3K107/DD53 3K107/DD58 3K107/DD66 3K107/DD68 3K107/DD69 3K107/DD70 3K107/DD71 3K107/DD74 3K107/DD78 3K107/EE02 3K107/GG08

JP F-Index: H01L27/32 H05B33/10 H05B33/12/B H05B33/12/Z H05B33/14/A H05B33/14/Z



Family:

Publication number	Publication date	Application number	Application date
EP1014458 A2	20000628	EP19990204212	19991209
EP1014458 A3	20040128	EP19990204212	19991209
JP2000188180 A2	20000704	JP19990360956	19991220
KR20000048257 A	20000725	KR19990059291	19991220
US6066357 A	20000523	US19980217729	19981221

Priority:

US19980217729 19981221

Probable Assignee: GLOBAL OLED TECHNOLOGY LLC

Assignee(s): (std): EASTMAN KODAK CO

Assignee(s): EASTMAN KODAK COMPANY ; GLOBAL OLED TECHNOLOGY LLC

Inventor(s): (std): PANKI CHUN ; TAMCHING W ; TANG CHING W ; PAN KEE CHUAN

Inventor(s): TANG CHINGW

Agent(s): TSURUTA JUNICHI; NISHIYAMA MASAYA; HIGUCHI SOTOJI; ISHIDA TAKASHI

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

11) Family number: 29259317 (US5708239A)

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Title: Electrical contact breaker switch

Abstract: Electrical plate terminals 18 and 21 are provided on the left and right sides of a main switch box. Between these is provided a switch mechanism chamber 15 in which associated rod terminals 26 and 27 project from right and left. A connecting tube 28 is provided between the rod terminals 26 and 27 and is mounted for sliding movement in conjunction with pivotal movement of a lever 12 so as to connect and disconnect the terminals 27 and 28. The switch mechanism has a low operating force.

Classifications:

International (IPC 8-9): H01H1/38 H01H19/635 H01H21/02 H01H21/36

H01H31/02 (Advanced/Invention);

H01H21/16 H01H3/20 (Advanced/Non-invention);

H01H1/12 H01H19/00 H01H21/00 H01H31/00 (Core/Invention);

H01H21/00 H01H3/02 (Core/Non-invention)

International (IPC 1-7): H01H1/38 H01H1/54 H01H13/12 H01H13/50

H01H21/02 H01H21/84 H01H31/02

CPC: H01H1/38 H01H3/20 H01H19/635 H01H21/16

European: H01H1/38 H01H19/635 H01H21/84 T01H21/16 T01H3/20

US: 200/17R 200/1R

JP F-Term: 5G019 5G019/AF25 5G019/AM37 5G019/CY41 5G019/SK16 5G019/SV01 5G024 5G051 5G051/KA02 5G051/KA19 5G051/KA21 5G219 5G219/GS21 5G219/HT16 5G219/JU21 5G219/KU26 5G219/KW44

JP F-Index: H01H1/38 H01H21/02/L H01H21/36/S H01H21/84/L H01H31/02/A

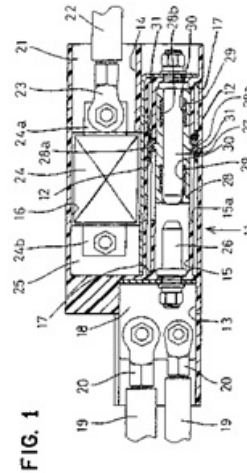


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
CN1140891 A	19970122	CN19961004885	19960508
EP0742568 A2	19961113	EP19960302326	19960402
EP0742568 A3	19980506	EP19960302326	19960402
JP3067588 B2	20000717	JP19950135961	19950508
JP8306265 A2	19961122	JP19950135961	19950508
US5708239 A	19980113	US19960643982	19960507

Priority:

JP19950135961 19950508

Probable Assignee: SUMITOMO WIRING SYSTEMS LTD**Assignee(s):** (std): SUMITOMO WIRING SYSTEMS**Assignee(s):** SUMITOMO WIRING SYSTEMS LTD ; SUMITOMO WIRING SYST LTD**Inventor(s):** (std): KONDA KAZUMOTO ; MIYAZAKI SHO ; CHIKADA KAZUMOTO ; MIYAZAKI TADASHI**Inventor(s):** KAZUMOTO KONDA ; SHO MIYAZAKI**Designated states:** DE FR GB**12) Family number: 60399354** (WO17021741A1)

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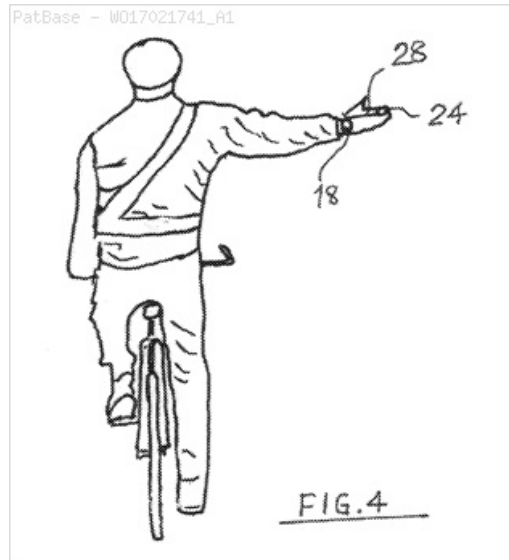
Title: INDICATOR DEVICE

Abstract: An indicator device suitable for use by the rider of a non-enclosed vehicle, includes at least one light emitting unit (18) and means (12) for attaching the light emitting unit (18) to a rider. A control unit (20), incorporating a flashing circuit, is in operative connection with the light emitting unit (18). A manually operable switch (24) is in operative connection with the control unit (20), whereby operation of the switch (24) triggers the control unit to cause the light emitting unit (18) to flash. An ambient light sensor (22) is in operative connection with the control unit (20), which is adapted to vary the light output of the light emitting unit (18) in response to the sensed ambient light conditions. By enabling the output of the light emitter to be adjusted in response to changes in the ambient light conditions, there can be sufficient light output for other road users to notice without unnecessarily draining the power source and at the same time avoiding dazzling other road users under some conditions.

Classifications:**International (IPC 8-9):** A41D19/015 B60Q1/26 B60Q1/34 B60Q1/36

B62J6/00 B62J6/16 F21V21/08 (Advanced/Invention)

CPC: B62J6/015 B62J6/05 B62J6/165 B60Q1/2603 B60Q1/2673 B60Q1/34 B60Q1/343 B60Q1/36 B62J6/16

**Family:**

Publication number	Publication date	Application number	Application date
GB201513864 A0	20150916	GB20150013864	20150805
GB2541008 A1	20170208	GB20150013864	20150805
WO17021741 A1	20170209	WO2016GB52446	20160805

Priority:

GB20150013864 20150805

Probable Assignee: BRIGHTER INDICATION LTD**Assignee(s):** (std): BRIGHTER INDICATION LTD**Inventor(s):** (std): THATCHER GARY ; GARY JAMES THATCHER**Agent(s):** ELKINGTON AND FIFE LLP

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 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

13) Family number: 15298407 (US6319015B)

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Title: GARMENT ELECTRICAL CONNECTOR

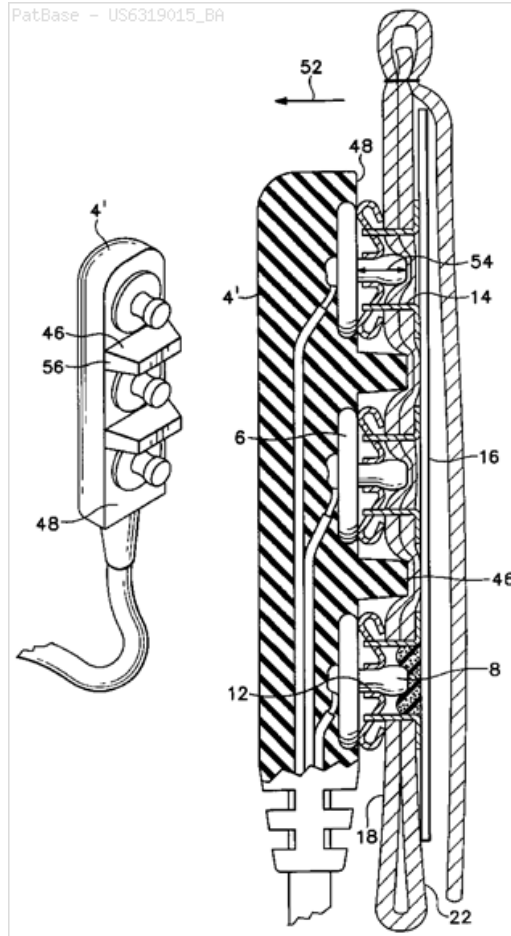
Abstract: A connector for use with fabric, such as when formed into a garment, employs a first connector secured to the fabric and a second mating connector associated with an external device. The connectors, when joined, pass electrical signals such as audio or data signals between the external device and the garment.

Classifications:**International (IPC 8-9):** A41D1/00 H01R11/22 H01R11/32

H01R13/24 (Advanced/Invention);

H01R11/32 H01R13/24 (Advanced/Non-invention)

International (IPC 1-7): H01R1/130 H01R11/30 H01R33/00 H05F3/02**CPC:** Y10T24/45775 H01R11/22 A41D1/005 H01R11/32 H01R13/24**European:** H01R11/22 K41D1/00B2 T01R11/32 T01R13/24**US:** 24/217 24/662 361/220 439/37

**Family:**

Publication number	Publication date	Application number	Application date
AU200067841 A1	20010319	AU20000067841	20000817
AU200067841 A5	20010319	AU20000067841D	20000817
US6319015 BA	20011120	US20000527795	20000317
WO0115286 A1	20010301	WO2000US22664	20000817

Priority:

US19990378983 19990823 US19990412247 19991005 US20000527795 20000317
 WO2000US22664 20000817

Probable Assignee: FAUNCE MICHAEL J

Assignee(s): (std): FAUNCE MICHAEL J

Assignee(s): MICHAEL J FAUNCE

Inventor(s): (std): FAUNCE MICHAEL J

Inventor(s): MICHAEL J FAUNCE

Agent(s): DELLETT AND WALTERS

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

14) Family number: 49148476 (US2011157873A)

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Title: SAFETY SIGNALLING DEVICE

Abstract: A safety signalling device is conveniently and clearly positionable upon a person or upon a vehicle upon which a person is riding in order to assure said person of a most highest quality of safety warning in relation to effects of traffic conditions. For example, whether he is walking along a street, or jogging, or riding a bicycle or motorcycle, he may always place the safety device at a position which he considers to be the most clearly visible for any motorized traffic. The multiplicity of light-emitting diodes are extremely visible to said traffic. The choice of colored diodes, such as amber or red, may be made to conform to a particular signal.

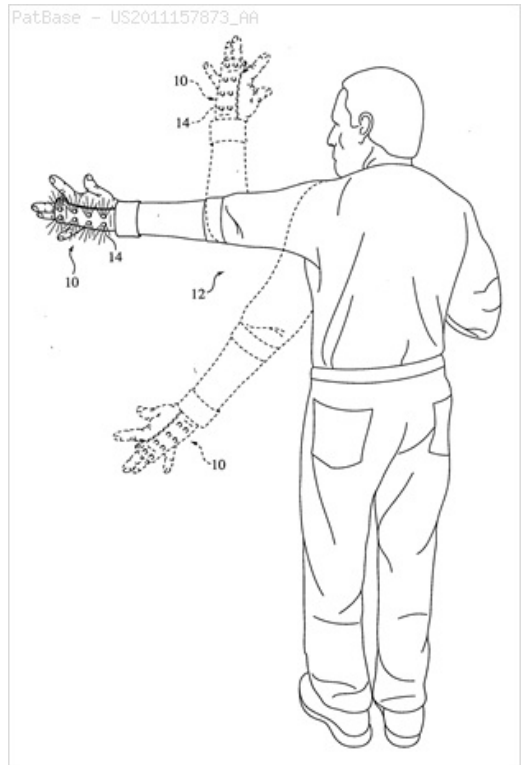
Classifications:

International (IPC 8-9): F21L4/00 F21V21/08 (Advanced/Invention)

CPC: F21L4/00 F21V21/0832 F21W2111/10 F21Y2115/10 B62J45/40

European: F21L4/00 F21V21/08V R21W111/10 R21Y101/02

US: 362/103 362/103P 362/190 362/190S



Family:

Publication number	Publication date	Application number	Application date
US2011157873 AA	20110630	US20090655269	20091228
WO11081663 A1	20110707	WO2010US03211	20101217

Priority:

US20090655269 20091228

Probable Assignee: ENGLISH JERRY ANTHONY

Assignee(s): (std): ENGLISH JERRY ANTHONY

Inventor(s): (std): ENGLISH JERRY ANTHONY

Agent(s): MASSA ROBERT E

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 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 RO RS RU 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

15) Family number: 31347512 (US2006246744A)

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Title: CONDUCTIVE BUTTONHOLE INTERCONNECT

Abstract: A wearable garment, usable by athletes, workers, and the elderly or infirm, incorporates an easily operated manual interconnect device, so that a user wearing the garment can operate the interconnect device by merely coupling a connector, which is in turn coupled to a power source or external electronic device. Through a releasable locking action by the user, the connector is electrically coupled to the interconnect device, which is coupled to a fabric circuit integrated in the garment, such that operation of a locking action activates related ancillary equipment such as power supplies or electronic devices.

Classifications:

International (IPC 8-9): A41D1/00 A41D13/00 A61B5/04 G06F1/16

H01R33/00 H04R5/02 (Advanced/Invention);

A61B5/04 H01R13/11 (Advanced/Non-invention)

International (IPC 1-7): A41D1/00

CPC: Y10S2/905 A41D1/005 A41D13/1245 A61B5/6804 G06F1/163

G09F21/02 H01R4/58 H01R13/11 H04R5/023 H04R2201/023

European: A41D1/00B2 A41D13/12C2 A61B5/68B1D G06F1/16P5

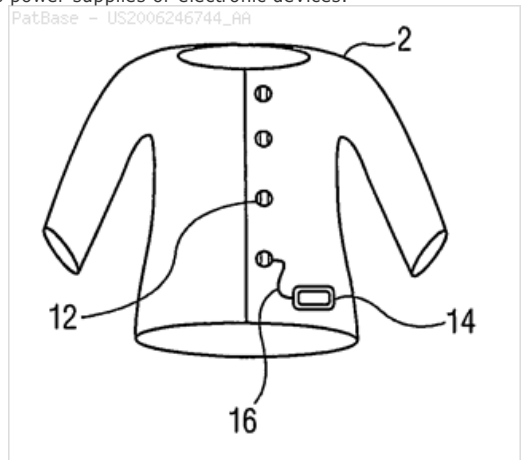
G09F21/02 H01R4/58 H04R5/02B T01R13/11 T04R201/023

US: 2/69 2/905 200/511 29/5 439/37 439/37P

JP F-Term: 3B011 3B011/AA01 3B011/AB01 3B011/AC00 3B030

3B030/AA01 3B030/AB12

JP F-Index: A41D1/00/Z A41D13/00/Z A41D13/00/102



Family:

Publication number	Publication date	Application number	Application date
CN100518555 C	20090729	CN200480013688	20040513
CN1791337 A	20060621	CN200480013688	20040513
EP1626631 A1	20060222	EP20040732680	20040513
JP2006529007 T2	20061228	JP20060530667T	20040513
KR20060010818 A	20060202	KR20057022036	20040513
US2006246744 AA	20061102	US20040568437	20040513
US7210939 BB	20070501	US20040568437	20040513
WO04100691 A1	20041125	WO2004IB01617	20040513

Priority:

US20030471702P 20030519 US20040568437 20040513 WO2004IB01617 20040513
US20050568437 20051115

Probable Assignee: PHILIPS ELECTRONICS KONINKLL NV

Assignee(s): (std): MAMA JACK KYRIAKOS ; MARMAROPOULOS GEORGE ; KONINKL PHILIPS ELECTRONICS NV ; VU GIANG ; ROYAL DUTCH PHILIPS ELECTRONICS LTD

Assignee(s): KONINKLIJKE PHILIPS ELECTRONICS N V ; PHILIPS ELECTRONICS KONINKLL NV ; PHILIPS KONINKLL NV

Inventor(s): (std): KYRIAKOS MAMA JACK ; GEORGE MARMAROPOULOS ; GIANG VU ; KYRIAKOS MARMAROPOULOS GEORGE ; MAMA JACK K ; MAMA JACK KYRIAKOS ; VU GIANG ; MARMAROPOULOS GEORGE

Inventor(s): MARMAROPOULOS GEORGE VU GIANG MAMA JACK KYRIAKOS ; MAMA JACK

Agent(s): PHILIPS INTELLECTUAL PROPERTY AND STANDARDS

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 KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

16) Family number: 5188531 (US4635516A)

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Title: TONE GENERATING GLOVE AND ASSOCIATED SWITCHES

Abstract: A tone generating glove includes switches and a tone generating circuit. The switches are connected to the tone generating circuit, and both the switches and the tone generating circuit are mounted in the glove. The tone generating circuit produces a tone or tones in response to the actuation of one or more of the switches. Preferably, a switch is positioned at each finger joint of the glove. The tone generating glove may also include a transmitter for transmitting the tone or tones that are produced to an AM or FM receiver. Each switch may include a flexible insulating sheet having upper and lower surfaces and an opening formed through its thickness. Flexible and electrically conductive first and second outer laminas are respectively attached to the upper and lower surfaces of the insulating sheet. They are positioned on the surfaces of the insulating sheet so as to bridge the opening in it. The first and second outer laminas are dimensioned to be at least partially received by the opening when the switch is flexed. Each switch may also include a bulbous insulating pad disposed on the underside of the second outer lamina and aligned with the opening in the insulating sheet.

Classifications:

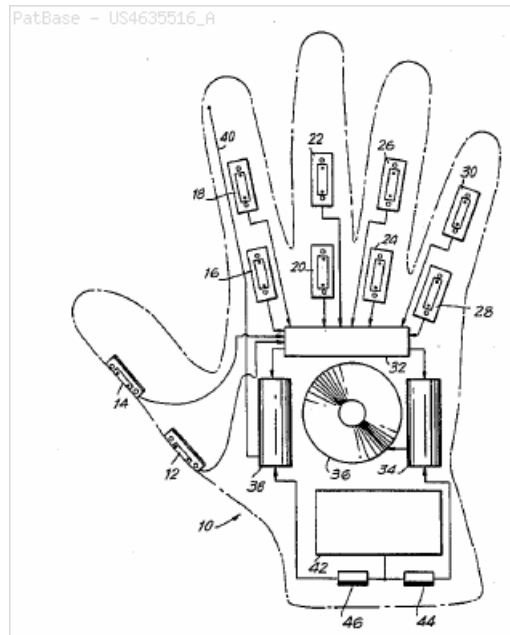
International (IPC 8-9): G10H1/32 (Advanced/Invention);
G10H1/32 (Core/Invention)

International (IPC 1-7): G10H1/00 G10H5/00

CPC: Y10S84/07 Y10S84/08 G10H1/32 A41D19/0024 G10H2220/326
G10H2240/211

European: G10H1/32 K41D19/00H S10H220/326 S10H240/211

US: 2/160 446/26 84/600 84/615 84/653 84/678 84/DIG.7 84/DIG.8
984/344

**Family:**

Publication number	Publication date	Application number	Application date
US4635516 A	19870113	US19840651866	19840917

Priority:

US19840651866 19840917

Probable Assignee: GIANNINI GIANCARLO

Assignee(s): (std): GIANNINI GIANCARLO
Inventor(s): (std): GIANNINI GIANCARLO

17) Family number: 31801531 (GB2422527A)

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Title: AN INDICATOR GLOVE

Abstract: A glove fitted with a flashing indicating unit that is turned on via two switching contacts located on the forefinger and thumb of the glove which when pressed together complete a circuit and turn on the flashing indicating unit. The unit is lit by one or more LED's that are powered by a battery 1 located in the glove. The gloves allow a cyclist to be visible whilst performing hand signals. Preferably the flashing indicating unit is fitted to the back of the gloves, may be shaped eg. as a arrow and have an orange or red lamp unit or lamp. The device may also be worn on the hand of the user. Alternatively the LED and battery may be located on a band that is worn on the hand of the wearer where one of the contact plates is attached to the band and the second is attached to a separate thumb band that is connected to the battery via a wire.

Classifications:

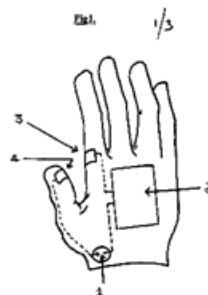
International (IPC 8-9): A41D13/01 A41D19/00 A41D19/015 B62J6/00 F21L4/00 G08B5/00 (Advanced/Invention);

A41D13/01 A41D19/00 A41D19/015 B62J6/00 F21L4/00 G08B5/00 (Core/Invention)

CPC: G08B5/004 A41D19/0157 A41D13/01 A41D19/00 F21L4/00 G08B5/00 B62J6/05

European: A41D13/01 A41D19/00 A41D19/015L B62J6/00C F21L4/00 G08B5/00 G08B5/00B

PatBase - GB2422527_A1



Family:

Publication number	Publication date	Application number	Application date
GB200502075 A0	20050309	GB20050002075	20050201
GB2422527 A1	20060802	GB20050002075	20050201

Priority:

GB20050002075 20050201

Probable Assignee:

HOLMES GORDON

Assignee(s): (std):

HOLMES GORDON

Assignee(s):

GORDON HOLMES

Inventor(s): (std):

HOLMES GORDON

Inventor(s):

GORDON HOLMES