Diego Gonzalez

Search history

Search 1: Fan and control and wireless and light RF (Results 10)

Search 2: Fan and control and wireless and light and RF (Results 5581)

Search 3: Fan and control and wireless and light and RF and ceiling (Results 1236)

Search 4: STAC=(FAN and control and remote and RF and light) (Results 46)

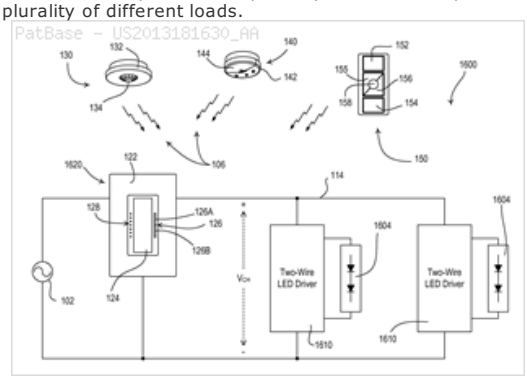
Search 5: STAC=(FAN and control and remote and RF and light and memory) (Results 23)

1) Family number: 54312292 (US2013181630A)

Title: DIGITAL LOAD **CONTROL** SYSTEM PROVIDING POWER AND COMMUNICATION VIA EXISTING POWER WIRING

Abstract: Source: US2013181630A A load **control** system comprises a load **control** device for **controlling** an electrical load receiving power from an AC power source, and a **controller** adapted to be coupled in series between the source and the load **control** device. The load **control** system may be installed without requiring any additional wires to be run, and is easily configured without the need for a computer or an advanced commissioning procedure. The load **control** device receives both power and communication over two wires, and the **controller** generates a phase-**control** voltage that has at least one timing edge in each half-cycle, and transmits digital messages by modulating a timing edge of the phase-**control** voltage relative to a reference edge. The **controller** may be operable to receive inputs from a plurality of different input devices, and the load **control** device may be operable to **control** a plurality of different loads.

Classifications:
International (IPC 8-9): H02J3/02 H05B33/08
H05B37/02 (Advanced/Invention)
CPC: H05B33/0845 H05B37/0209 H05B37/0218 H05B37/0227 H05B37/0263 H05B37/0272
US: 307/3 315/210 315/224



Family:

Publication number	Publication date	Application number	Application date
EP2805573 A1	20141126	EP20130703657	20130115
US2013181630 AA	20130718	US20120359722	20120127
US2017245353 AA	20170824	US20170589472	20170508
US9736911 BB	20170815	US20120359722	20120127
WO13109518 A1	20130725	WO2013US21531	20130115
WO13109518 A9	20150205	WO2013US21531	20130115

Priority:

US20120359722 20120127 US20120587346P 20120117 WO2013US21531 20130115
US20170589472 20170508

Probable Assignee: LUTRON ELECTRONICS CO INC

Assignee(s): (std): PESSINA MICHAEL W ; SPIRA JOEL S ; STEINER JAMES P ; TAIPALE MARK S ; ZAHARCHUK WALTER S ; ZAHARCHUCK WALTER S ; LUTRON ELECTRONICS CO

Assignee(s): LUTRON ELECTRONICS CO INC

Inventor(s): (std): PESSINA MICHAEL W ; SPIRA JOEL S ; STEINER JAMES P ; TAIPALE MARK S ; ZAHARCHUCK WALTER S ; ZAHARCHUK WALTER S

Agent(s): ABERG SOFIA GERTRUD; CONDO ROCCIA KOPTIW LLP; CONDO JOSEPH R ET AL

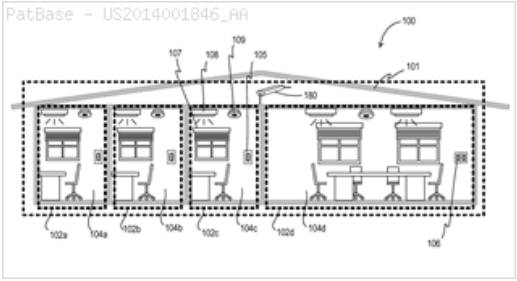
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW 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: 54260857 (US2014001846A)

Title: LOAD **CONTROL** SYSTEM HAVING A BROADCAST **CONTROLLER** WITH A DIVERSE WIRELESS COMMUNICATION SYSTEM

Abstract: Source: US2014001846A A load **control** system for **controlling** the amount of power delivered from an AC power source to a plurality of electrical load includes a plurality of energy **controllers**. Each energy **controller** is operable to **control** at least one of the electrical loads. The load **control** system also includes a first broadcast **controller** that has a first antenna and a second antenna. The first antenna is arranged in a first position and the second antenna is arranged in a second position that is orthogonal to the first position. The broadcast **controller** is operable to transmit a first wireless signal via the first antenna and a second wireless signal via the second antenna. Each of the energy **controllers** is operable to receive at least one of the first and second wireless signals, and to **control** the respective load in response to the received wireless signal.

Classifications:
International (IPC 8-9): H01F27/42 H02J13/00 H02J3/00 H02J3/14 H02J4/00 H02J50/80 H04H20/00 H04L12/28
H05B37/02 (Advanced/Invention);
H02J5/00 (Advanced/Non-invention)
CPC: H02J4/00 H05B37/02 H02J5/005 H02J3/14 H02J2003/143 H04L12/2816 H05B37/0272 Y02B70/3225 Y02B70/325 Y02B70/3275 Y02B70/3283 Y02B90/2653 Y04S20/222 Y04S20/228 Y04S20/244 Y04S20/246 Y04S40/126 Y10T307/25 Y10T307/461 H02J50/80 H04H20/00 G08C17/02 H02J13/0075 H02J3/00 Y02B90/2684 Y04S40/143
US: 1/1 307/11 307/31 307/38 315/291 323/318 455/230



Family:

Publication number	Publication date	Application number	Application date
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CN104137486 B	20170620	CN201280070361	20121221
CN104471898 A	20150325	CN201280070324	20121221
CN107276100 A	20171020	CN201710372938	20121221
EP2798786 A1	20141105	EP20120812798	20121221
EP2798787 A1	20141105	EP20120813706	20121221
EP2804347 A1	20141119	EP20140179311	20121221
US2014001846 AA	20140102	US20120725116	20121221
US2014001977 AA	20140102	US20120725105	20121221
US2016226248 AA	20160804	US20160093055	20160407
US2017179762 AA	20170622	US20160394128	20161229
US9337943 BB	20160510	US20120725116	20121221
US9553451 BB	20170124	US20120725105	20121221
WO13101766 A1	20130704	WO2012US71421	20121221
WO13101779 A1	20130704	WO2012US71496	20121221

Priority:

CN201280070361 20121221 EP20120813706 20121221 US20120654562P 20120601
US20120640241P 20120430 US20110580898P 20111228 US20120725105 20121221
US20120725116 20121221 WO2012US71496 20121221 WO2012US71421 20121221
US20160093055 20160407 US20160394128 20161229

Probable Assignee: LUTRON ELECTRONICS CO

Assignee(s): (std): LUTRON ELECTRONICS CO

Assignee(s): LUTRON ELECTRONICS CO INC

Inventor(s): (std): ALTONEN GREGORY ; BARD BENJAMIN F ; MAJEWSKI TIMOTHY S ; BULL JOHN ; BUCK CHRISTOPHER ; BULL JOHN H ; MOSEBROOK DONALD ; VANDER VALK DANIEL ; ZAHARCHUK WALTER S ; SPIRA JOEL S ; VANDERVALK DANIEL ; ZACHARCHUK WALTER S ; MOSEBROOK DONALD F

Agent(s): HJALMARSSON MAGNUS AXEL; CONDO ROCCIA KOPTIW LLP; JORDAN MICHAEL ET AL

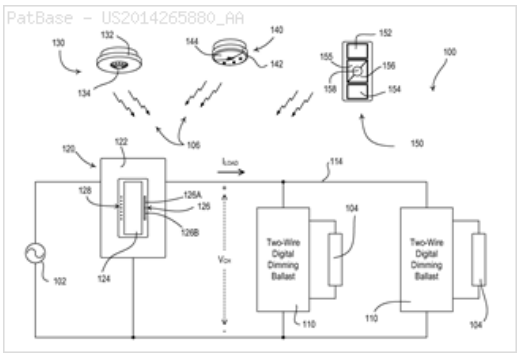
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW 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: 57422489 (US2014265880A)

Title: DIGITAL LOAD **CONTROL** SYSTEM PROVIDING POWER AND COMMUNICATION VIA EXISTING POWER WIRING

Abstract: Source: US2014265880A A two-way load **control** system comprises a power device, such as a load **control** device for **controlling** an electrical load receiving power from an AC power source, and a **controller** adapted to be coupled in series between the source and the power device. The load **control** system may be installed without requiring any additional wires to be run, and is easily configured without the need for a computer or an advanced commissioning procedure. The power device receives both power and communication over two wires. The **controller** generates a phase-**control** voltage and transmits a forward digital message to the power device by encoding digital information in timing edges of the phase-**control** voltage. The power device transmits a reverse digital message to the **controller** via the power wiring.

Classifications:
International (IPC 8-9): H05B33/08 H05B37/02 H05B41/14 (Advanced/Invention)
CPC: H05B37/0218 H05B33/0845 H05B37/0227 H05B41/14 H05B33/0815 H05B37/0263 H05B37/0272
US: 1/1 315/158 315/246 315/287



Family:

Publication number	Publication date	Application number	Application date
US2014265880 AA	20140918	US20130828920	20130314
US2016295670 AA	20161006	US20160180718	20160613
US2017079123 AA	20170316	US20160358883	20161122
US2017215257 AA	20170727	US20170480344	20170405
US9392675 BB	20160712	US20130828920	20130314
US9538618 BB	20170103	US20160180718	20160613
US9642226 BB	20170502	US20160358883	20161122
WO14158731 A1	20141002	WO2014US19694	20140228

Priority:
US20130828920 20130314 US20160180718 20160613 US20160358883 20161122 US20170480344 20170405

Probable Assignee: LUTRON ELECTRONICS CO

Assignee(s): (std): LUTRON ELECTRONICS CO

Assignee(s): LUTRON ELECTRONICS CO INC

Inventor(s): (std): BHAT AKSHAY ; GREDLER TIMOTHY P ; TAIPALE MARK ; TAIPALE MARK S

Agent(s): CONDO ROCCIA KOPTIW LLP; CONDO JOSEPH R

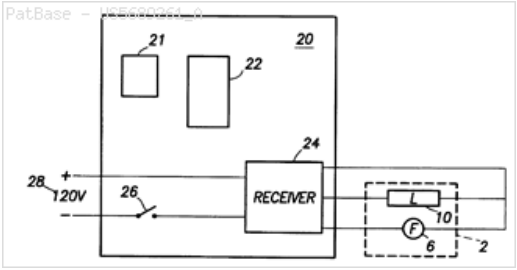
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX 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

4) Family number: 13316943 (US5689261A)

Title: **Remote** **control** system for ceiling **fan** and **light**

Abstract: Source: US5689261A An **RF** **remote** **control** system for operating a ceiling **fan** and its **light** is disclosed. The **remote** **control** system comprises a receiver and two **remote** **controllers**, each having different operating characteristics. The **remote** **controllers** use radio frequency (**RF**) transmission to send **control** signals to the receiver. The receiver utilizes a microprocessor to process the **control** signals from the **remote** **controllers** and to operate the ceiling **fan** and its **light**. The receiver also includes a power interruption feature, which allows the operation of the ceiling **fan** **light** without the use of the **remote** **controllers**.

Classifications:
International (IPC 8-9): G08C17/02 H05B37/02 (Advanced/Invention)
International (IPC 1-7): G08C17/02 G08C19/12 G09B5/00 H04B01/00 H04Q9/00
CPC: B60Q2900/30 G08C17/02 H05B37/0272
European: G08C17/02 H05B37/02B6R L60Q900/30
US: 340/12.5 340/310.11 340/825.72 341/173



Family:

Publication number	Publication date	Application number	Application date
CA2153650 AA	19960113	CA19952153650	19950711
CN1126933 A	19960717	CN19951008390	19950712
IN01062DE1995 A	20090306	IN1995DE01062	19950609
TH18876 A	19960529	TH19951001561	19950629
US5689261 A	19971118	US19960593472	19960129

Priority:

CA19952153650 19950711 US19940273964 19940712 US19960593472 19960129

Probable Assignee: HUNTER FAN CO

Assignee(s): (std): HUNTER FAN CO

Assignee(s): HUNTER FAN COMPANY ; MEHTA VINAY ; BANKAMERICA BUSINESS CREDIT INC ; BANKAMERICA BUSINESS CREDIT INC AGENT AS ; BEASLEY ROBERT E

Inventor(s): (std): BEASLEY JR ROBERT E ; BEASLEY ROBERT E ; MEHTA VINAY

Inventor(s): ROBERT E BEASLEY ; VINAY MEHTA

Agent(s): MBM AND CO

5) Family number: 53123384 (US2013049610A)

Title: TWO-LEVEL LED SECURITY **LIGHT** WITH MOTION SENSOR

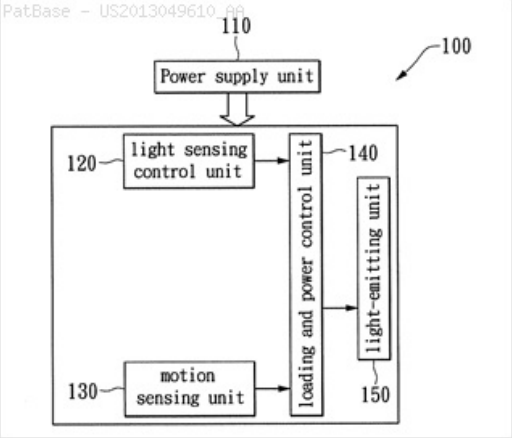
Abstract: Source: US2013049610A A two-level LED security **light** with a motion sensor. At night, the LED is turned on for a low level illumination. When the motion sensor detects any intrusion, the LED is switched from the low level illumination to a high level illumination for a short duration time. After the short duration time, the LED security **light** returns to the low level illumination for saving energy. The LED security **light** includes a power supply unit, a **light** sensing **control** unit, a motion sensing unit, a loading and power **control** unit, and a **lighting**-emitting unit. The **lighting**-emitting unit includes one or a plurality of LEDs which may be turned-on or turned-off according to the sensing results from the **light** sensing **control** unit. When the motion sensing unit detects an intrusion, the illumination of the LED security **light** can be immediately turned on to the high level to scare away the intruder.

Classifications:

International (IPC 8-9): F04D25/06 F04D25/08 F04D27/00 F04D29/00 F04D29/32 F21S9/03 F21V17/02 F21V23/04 F21V33/00 G06F3/0484 G06F3/0488 G08B13/189 G08B15/00 G08B5/36 H02J7/35 H05B33/08 H05B37/02 H05B39/04 H05B41/38 (Advanced/Invention); F21Y115/10 F21Y2115/10 G08B13/189 (Advanced/Non-invention)

CPC: H05B33/0872 G08B15/00 H05B33/0818 H05B33/0827 Y02B20/44 Y02B20/46 H05B33/083 H05B39/042 H05B39/044 H05B33/0815 H05B33/0809 H05B33/0824 H05B37/0272 H05B37/0281 Y02B20/42 F21S9/03 F21V17/02 F21Y2115/10 H05B37/02 H05B33/0863 F21V33/0096 G06F3/04883 G06F3/04847 G06F3/04886 F04D25/088 F04D25/06 F04D27/004 F04D29/005 F04D29/325 H05B33/0848 G08B5/36 G08B15/002 H02J7/35 G08B13/1895 Y02B20/40 G08B13/189 H05B37/0218 Y02B20/346 G08B13/00 H05B33/0854 H05B37/0227

US: 1/1 307/19 307/72 315/152 315/153 315/154 315/155 315/158 315/159 315/200R 315/291 416/1



Family:

Publication number	Publication date	Application number	Application date
US2013049610 AA	20130228	US20110222090	20110831
US2014375220 AA	20141225	US20140478150	20140905
US2015002028 AA	20150101	US20140487334	20140916
US2015028750 AA	20150129	US20140482031	20140910
US2015366023 AA	20151217	US20150836000	20150826
US2015366024 AA	20151217	US20150836017	20150826
US2016120000 AA	20160428	US20150980601	20151228
US2016198546 AA	20160707	US20160072602	20160317
US2016330818 AA	20161110	US20160213595	20160719
US2016345410 AA	20161124	US20160230752	20160808
US2016374177 AA	20161222	US20160255493	20160902
US2017094743 AA	20170330	US20160375746	20161212
US2017094744 AA	20170330	US20160375777	20161212
US2017111971 AA	20170420	US20160393768	20161229
US2017303362 AA	20171019	US20170637175	20170629
US8866392 BB	20141021	US20110222090	20110831
US9326362 BB	20160426	US20140487334	20140916
US9445474 BB	20160913	US20140478150	20140905
US9560719 BB	20170131	US20160072602	20160317
US9622325 BB	20170411	US20150836000	20150826
US9622328 BB	20170411	US20160213595	20160719
US9648702 BB	20170509	US20140482031	20140910
US9648704 BB	20170509	US20150980601	20151228
US9743480 BB	20170822	US20160230752	20160808
US9788380 BB	20171010	US20150836017	20150826
US9826590 BB	20171121	US20160375777	20161212

Priority:

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Probable Assignee: CHEN CHIA TEH

Assignee(s): (std): CHEN CHIA TEH

Inventor(s): (std): CHEN CHIA TEH

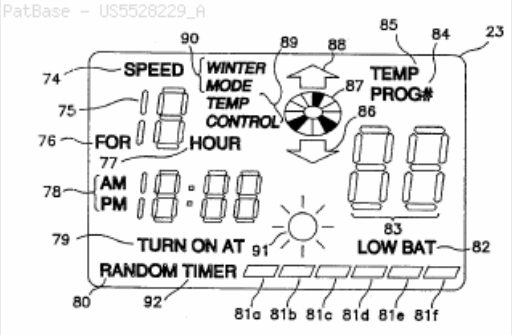
Agent(s): ROSENBERG KLEIN AND LEE

6) Family number: 12606746 (US5528229A)

Title: Thermostatically **controlled** **remote** **control** for a ceiling **fan** and **light**

Abstract: Source: US5528229A An apparatus and method for thermostatically **controlling** the operation of a multiple speed **fan** and **light** assembly by inputting a desired temperature range and airflow direction for each **fan** speed and by inputting a single number for **controlling** the on time and duration of the **light** assembly. A temperature sensor determines an initial room temperature, an input device enters a temperature set-point corresponding to each of the **fan** speeds, a processor stores the temperature set-points corresponding to each of the **fan** speeds from the input device, receives the temperature signal and uses the temperature signal and the temperature set-points to determine a desired **fan** speed, and a **fan** driving device changes the initial rotation speed to the desired **fan** speed in response to the processor and thereby automatically **controls** the **fan** speed.

Classifications:
International (IPC 8-9): F04D25/08 F04D27/02 F24F7/007 G02F1/133 (Advanced/Invention); G02F1/13 (Core/Invention)
International (IPC 1-7): F24F7/00 G05B15/00 G05R19/02 H02P7/36 H04B1/02
CPC: F04D25/088 F04D27/004 F24F7/007 F24F11/0012 F24F11/0079 F24F2011/0068 F24F2221/02 Y02B30/746
European: F04D25/08D F04D27/00F F24F7/007 R24F11/00R3A R24F11/00R5F R24F11/00R7B R24F221/02 Y02B30/74H
US: 165/247 318/162 340/12.5 340/12.53 340/12.54 340/3.1 340/3.4 340/3.71 340/4.3 340/825.06 340/825.22 454/229 454/258 700/300



Family:

Publication number	Publication date	Application number	Application date
TW264588 B	19951201	TW19940107434	19940813
US5528229 A	19960618	US19930143192	19931029
US5627527 A	19970506	US19950570490	19951211

Priority:
US19930143192 19931029 US19950570490 19951211

Probable Assignee: HUNTER FAN CO

Assignee(s): (std): HUNTER FAN CO

Assignee(s): JPMORGAN CHASE BANK NA FIRST LIEN COLLATERAL AGENT AS ; JPMORGAN CHASE BANY ; HUNTER FAN COMPANY ; JPMORGAN CHASE BANK NA ; JPMORGAN CHASE BANK NA FIRST LIEN COLLATERAL AGENT ; HELLER FINANCIAL INC AGENT AS ; ANTARES CAPITAL LP ; BANKAMERICA BUSINESS CREDIT INC ; BANKAMERICA BUSINESS CREDIT INC AGENT AS ; HELLER FINANCIAL INC ; GOLDMAN SACHS CREDIT PARTNERS LP ; GOLDMAN SACHS CREDIT PARTNERS LP SECOND LIEN COLLA ; GENERAL ELECTRIC CAPITAL CORP ; GUGGENHEIM CORPORATE FUNDING LLC ; GOLDMAN SACHS CREDIT PARTNERS LP SECOND LIEN COLLATERAL AGENT AS

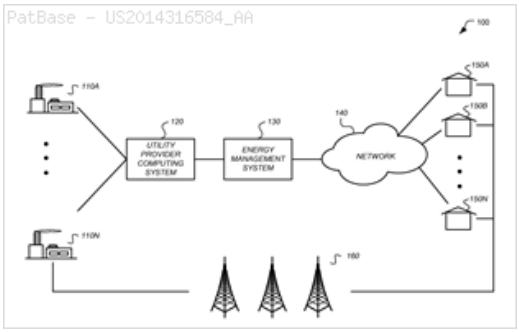
Inventor(s): (std): VINAY MEHTA ; MEHTA VINAY

7) Family number: 57611444 (US2014316584A)

Title: AUTOMATED ADJUSTMENT OF AN HVAC SCHEDULE FOR RESOURCE CONSERVATION

Abstract: Source: US2014316584A Apparatus, systems, methods, and related computer program products for optimizing a schedule of setpoint temperatures used in the **control** of an HVAC system. The systems disclosed include an energy management system in operation with an intelligent, network-connected thermostat located at a structure. The thermostat includes a schedule of setpoint temperatures that is used to **control** an HVAC system associated with a structure in which the thermostat is located. The schedule of setpoint temperatures is continually adjusted by small, unnoticeable amounts so that the schedule migrates from the original schedule to an optimal schedule. The optimal schedule may be optimal in terms of energy consumption or some other terms.

Classifications:
International (IPC 8-9): F24F11/00 F24F11/02 F24F11/053 G05B15/02 G05D23/19 H02J13/00 H02J3/00 H02J3/14 H02J3/38 H04Q9/00 (Advanced/Invention)
CPC: F24F11/001 F24F2011/0047 F24F2011/0073 F24F2011/0075 F24F11/0012 F24F11/0076 F24F11/0086 G05B15/02 F24F2011/0057 F24F2011/0063 F24F2011/0064 F24F2011/0071 F24F2011/0091 F24F11/006 G05D23/1917
US: 1/1 700/276 700/278



Family:

Publication number	Publication date	Application number	Application date
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CA2909590 AA	20151015	CA20142909590	20140408
CN105247290 A	20160113	CN201480029114	20140408
EP2986921 A1	20160224	EP20140785930	20140408
EP2986921 A4	20170222	EP20140785930	20140408
JP2016522663 T2	20160728	JP20160508964T	20140408
KR20150145259 A	20151229	KR20157033137	20140408
US2014316584 AA	20141023	US20130866578	20130419
US2016195289 AA	20160707	US20160049899	20160222
US9298197 BB	20160329	US20130866578	20130419
WO14172149 A1	20141023	WO2014US33394	20140408

Priority:
US20130866578 20130419 US20160049899 20160222 WO2014US33394 20140408

Probable Assignee: GOOGLE LLC

Assignee(s): (std): GOOGLE INC ; NEST LABS INC

Assignee(s): MATSUOKA YOKY ; MALHOTRA MARK ; GOOGLE LLC ; FISHER EVAN J

Inventor(s): (std): FISHER EVAN ; FISHER EVAN J ; MALHOTRA MARK ; MATSUOKA YOKY

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; GOWLING LAFLEUR HENDERSON LLP; BOULT WADE TENNANT; FUKAMI PATENT OFFICE PC; KILPATRICK TOWNSEND AND STOCKTON LLP; SARLES MATTHEW T ET AL

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

8) Family number: 23352112 (US2005043907A)

Title: NETWORK BASED MULTIPLE SENSOR AND **CONTROL** DEVICE WITH TEMPERATURE SENSING AND **CONTROL**

Abstract: Source: US2005043907A A multifunction sensor device which provides various transducer functions including means for performing temperature sensing, humidity sensing, ambient **light** sensing, motion detection, thermostat functions, switching functions, load switching and dimming functions, displaying actual and set temperature values, displaying time of day values and a means to put the device in an on, off or auto mode. The device has utility in environments such as that found in offices, schools, homes, industrial plants or any other type of automated facility in which sensors are utilized for energy monitoring and **control**, end user convenience or artificial or natural cooling, heating and HVAC **control**. The device can be used as a switch or dimmer, sensor or thermostat as well as to adjust and **control** all natural and artificial **lighting**, temperature and humidity devices. Key elements of the invention include overcoming the difficulty of mounting diverse sensors or transducers within the same device or housing; permitting these various sensors to exist in a single package that can be mounted to a wall in a substantially flush manner; and eliminating the requirement of an air flow channel in the device, thus minimizing any adverse effects on the motion detecting element or sensor as well as providing built in partial hysteresis. The device may include additional transducers or sensors and is constructed such that the temperature and humidity sensors are neither exposed to the flow of air in a room or area nor in an airflow channel whereby a chimney effect may occur. The device can transmit and receive real time data, relative data and actual discrete data in addition to switching and **controlling** loads locally or **remotely**. An embodiment utilizing airflow channels to direct air over the temperature and humidity sensors is also disclosed.

Classifications:

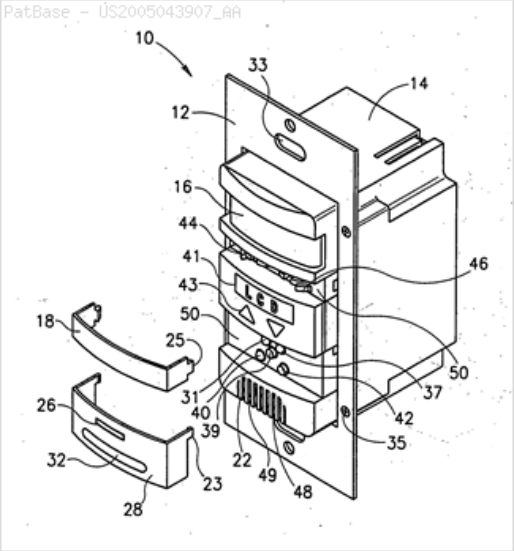
International (IPC 8-9): G01J1/28 G01K1/02 G01K1/04 G01K1/08 G05B23/02 G06F15/17 G08B13/19 G08B19/00 G08B3/00 H04B1/00 H04L12/28 H04Q7/00 H05B37/02 H05B41/392 (Advanced/Invention); G01J1/10 G01K1/00 G01K1/08 H05B37/02 H05B41/39 (Core/Invention)

International (IPC 1-7): G01K1/08 G05B23/02 G05F1/00 G06F15/17 G06F19/00 G08B13/00 G08B13/19 G08B19/00 G08B3/00 H04B1/00 H04Q7/00 H05B37/00 H05B37/02

CPC: G01K1/045 G01K1/08 H05B37/02 H05B37/0227 H05B37/0245 H05B37/0254 H05B41/3922 Y02B20/44 G01J1/28 G01K1/024 H05B37/0218 Y02B20/46

European: G01J1/28 G01K1/02C G01K1/04B G01K1/08 H05B37/02 H05B37/02B2 H05B37/02B4 H05B37/02B6 H05B37/02B6D H05B41/392D2 Y02B20/44 Y02B20/46

US: 315/158 315/294 315/295 315/312 340/12.32 340/309.16 340/310.11 340/517 340/521 340/525 340/565 340/567 340/584 340/600 340/691.4 340/693.5 374/138 374/142 374/208 374/E01.004 374/E01.008 374/E01.011 374/E1.004 374/E1.008 374/E1.011 374/E10.04 374/E10.08 374/E10.08S 374/E10.11 374/E10.11S 700/277 702/62 702/62P 710/15



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CA2332866 AA	20001117	CA19992332866	19990513
CA2332871 AA	20001117	CA19992332871	19990513
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US6307331 BA	20011023	US19990306219	19990506
US6388399 BA	20020514	US20010821657	20010126
US6798341 BA	20040928	US20000701115	20001117
WO9960354 A1	19991125	WO1999US10583	19990513
WO9960538 A1	19991125	WO1999US10769	19990514
WO9960803 A1	19991125	WO1999US10584	19990513
WO9960804 A1	19991125	WO1999US10918	19990513

Priority:

US19980085814P 19980518 US19980213497 19981217 US19990306219 19990506
US20000701115 20001117 US19990243276 19990202 US20010821657 20010126
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WO1999US10583 19990513 WO1999US10918 19990513

Probable Assignee: LEVITON MANUFACTURING CO

Assignee(s): (std): BONASIA GAETANO ; ECKEL DAVID P ; LEVITON MANUFACTURING CO ; PORTER JAMES A ; LEVITON MFG CO ; LEVITON MANUFACTURING CO INC

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Inventor(s): (std): BONASIA GAETANO ; DAVID P ECKEL ; ECKEL DAVID P ; HEBEISEN STEPHEN P ; GAETANO BONASIA ; TANSI GLICKMAN SELIN ; PORTER JAMES A ; STEPHEN P HEBEISEN ; SELIN TANSI GLICKMAN ; JAMES A PORTER

Inventor(s): PORTER JAMES ; ECKEL DAVID

Agent(s): RIDOUT AND MAYBEE LLP; PAUL J SUTTON ESQ BARRY G MAGIDOFF ESQ GREENBERG TRAURIG LLP

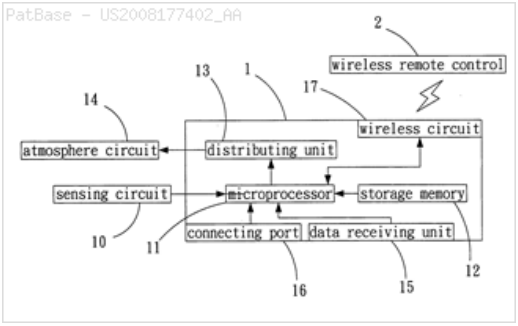
Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US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

9) Family number: 41960698 (US2008177402A)

Title: ROOM ATMOSPHERE CREATING SYSTEM

Abstract: Source: US2008177402A The present invention relates to a room atmosphere creating system having a microprocessor electrically connected to a sensing circuit, a storage **memory**, and a distributing unit. The distributing unit is connected to an atmosphere circuit. The microprocessor transmits the room atmosphere conditions in the storage **memory** to the atmosphere circuit via the distributing unit. The room atmosphere conditions **controlled** by the atmosphere circuit are divided into audio condition, **light** condition, and temperature condition. The **light** device, temperature device, and audio device generate corresponding room atmosphere effects to synchronously **control** the **light**, temperature, and audio effects in accordance with the room atmosphere mode set by the user, and in cooperation with the wireless circuit for receiving the room atmosphere conditions transmitted by the wireless **remote** **control**, **remote** **controlling** of the room atmosphere conditions is able to be achieved. If there is an emergency such as a fire alarm, the system may immediately stop the normal visual and audio effects and generate warning signals.

Classifications:
International (IPC 8-9): F21S2/00 F21V99/00 G01B15/00 G05B11/01 G05B13/02 G05B15/02 G06F17/00 G08B9/00 H04Q9/00 H05B37/02 (Advanced/Invention);
F21S2/00 G06F17/00 H04Q9/00 H05B37/02 (Core/Invention)
CPC: H05B37/0236 H05B37/029
European: H05B37/02B4S H05B37/02S
US: 340/286.02 340/310.11 340/521 340/539.27 340/825.69 700/11 700/22 700/275 700/46 700/9 700/90 700/90P



Family:

Publication number	Publication date	Application number	Application date
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JP2008167445 A2	20080717	JP20070336357	20071227
JP3166460 U	20110303	JP20100008353U	20101222
TWM327001 Y	20080211	TW20060222990U	20061228
US2008177402 AA	20080724	US20070003633	20071228
US8036777 BB	20111011	US20070003633	20071228

Priority:
JP20070336357 20071227 TW20060222990U 20061228

Probable Assignee: OLIFEPLUS CO
Assignee(s): (std): OLIFEPLUS CO ; PIN LIFE CO LTD ; QLIFEPLUS CO
Inventor(s): (std): CHANG CHRIS ; SHO BOKEN ; ZHANG MOU XIAN
Inventor(s): JANG MOU SHIAN
Agent(s): LANG CHRISTIAN ET AL; LANG CHRISTIAN; BIRCH STEWART KOLASCH AND BIRCH; MUNCY GEISSLER OLDS AND LOWE PLLC
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL PL PT RO RS SE SI SK TR

10) Family number: 32627551 (US2006036945A)

Title: USER INTERFACE FOR DISPLAYING SELECTABLE SOFTWARE FUNCTIONALITY **CONTROLS** THAT ARE CONTEXTUALLY RELEVANT TO A SELECTED OBJECT

Abstract: Source: US2006036945A An improved user interface is provided for displaying selectable functionality **controls** that identifies the context of the object to which the user interface is relevant, which contains rich functionality **controls** for applying contextually relevant functionality to a selected object, and which may be efficiently switched to a different context for applying a different set of functionalities to a different or neighboring editable object. A context menu of functionalities is displayed adjacent to a selected object where the menu of functionalities includes functionalities associated with editing the selected object. The context menu includes an identification of the object context and a **control** for selectively changing the context and associated functionalities of the menu to a different object context for displaying a different set of functionalities associated with the different context.

Classifications:
International (IPC 8-9): G06F G06F13/00 G06F17/00 G06F17/21 G06F17/24 G06F17/40 G06F17/50 G06F17/60 G06F3/00 G06F3/033 G06F3/048 G06F3/0481 G06F3/0482 G06F3/0483 G06F3/0484 G06F3/14 G06F9/00 G06F9/305 G06F9/44 G06F9/445 G06G3/033 G06G9/44 G06T5/50 G09G5/36 G09G5/37 G09G5/373 G11F3/00 (Advanced/Invention);
G06F17/21 G06F3/00 G06F3/14 G06F9/00 G06F9/44 G06T5/50 H04N5/445 (Advanced/Non-invention);
G06F17/00 G06F17/21 G06F3/00 G06F3/033 G06F3/048 G06F3/14 G06F9/00 G06F9/44 G06T5/50 G09G5/36 (Core/Invention);
G06F3/048 (Core/Non-invention);
G06F G06T (Subclass/Invention)
International (IPC 1-7): G06F13/00 G06F17/00 G06F17/21 G06F17/30 G06F17/40 G06F17/50 G06F3/00 G06F3/033 G06F3/048 G06F3/14 G06F9/00 G06F9/44 G07F3/00 G09G5/14
CPC: H04N5/44543 G06F17/24 G06F3/0482 G06F3/04812 G06F3/04842 G06F3/0483 G06F9/4443 G06F3/04817 G06F3/147 G06F8/38 G06F17/212 G09G2340/0421 G06F3/0481 G06F3/14
European: G06F17/24 G06F3/0481 G06F3/0482 G06F3/0483 G06F9/44W
US: 1/1 345/157 715/255 715/256 715/256P 715/708 715/708P 715/711 715/711P 715/724 715/732 715/732P 715/762 715/765 715/771 715/771S 715/777 715/777P 715/779 715/788 715/788S 715/798 715/800 715/802 715/810 715/815 715/821 715/821S 715/825 715/825S 715/828 715/841 715/842 715/842S 715/843 715/845

Family:

Publication number	Publication date	Application number	Application date
AU2005203409 AA	20060302	AU20050203409	20050802
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Priority:

CA20052512036	20050713	CA20052512047	20050713	CA20052512102	20050713
CA20052512155	20050714	CA20142512036	20140501	CA20142512047	20140501
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US20120427939	20120323	US20120595084	20120827	US20120615668	20120914
US20100725605	20100317	US20130032094	20130919	US20150635605	20150302
US20150981404	20151228	US20170476220	20170331		

Probable Assignee: MICROSOFT TECHNOLOGY LICENSING LLC

Assignee(s): (std): BUTCHER AARON M ; BUTCHER AARON MICHAEL ; DEAN ERIN ELIZABETH ; DENNEY JUSTIN ; MICROSOFT CORP ; HARRIS JENSEN M ; HIMBERGER ANDREW M ; GAUTHIER TRACEY M ; SATTERFIELD JESSE CLAY ; MORROW CATHERINE R ; RADTKE ROLAND ; MORTON DAVID A ; MICROSOFT TECHNOLOGY LICENSING LLC ; LIGAMERI MARK R ; MENON DEEPAK ; PETERS MARK A

Assignee(s): MICROSOFT CORPORATIONUS ; MICROSOFT CORPONE MICROSOFT WAYREDMONDWA98052-6399US ; HARRIS JENSEN N ; MAJKROSOFT KORPOREJSHN

Inventor(s): (std): AARON M BUTCHER ; ANDREW M HIMBERGER ; BATCHER AARON M ; BUTCHER AARON M ; BUTCHER AARON M HIMBERGER ANDR ; CATHERINE R MORROW ; CLAY RADTKE ROLAND BUTCHER AAR ; DAVID A MORTON ; ELIZABETH DEAN ERIN ; GAUTHIER TRACEY M ; HARRIS JENSEN M ; HIMBERGER ANDREW M ; JENSEN M HARRIS ; JESSE CLAY SATTERFIELD BUTCHER ; KHARRIS DZHENSEN M ; LIGAMERI MARK A ; LIGAMERI MARK R ; MENON DEEPAK ; MICHAEL BUTCHER AARON ; MORROW CATHERINE R ; MORTON DAVID A ; MORTON DEHVID A ; PETERS MARK A ; RADTKE ROLAND ; ROLAND RADTKE ; SATTERFIELD BUTCHER AARON M MO ; SATTERFIELD JESSE C ; SATTERFIELD JESSE CLAY ; TRACEY M GAUTHIER ; SATTERFILD DZHESSI KLEHJ ; DIN EHRIN EHLIZABET ; DEAN ERIN ELIZABETH ; BUTCHER AARON MICHAEL ; BATCHER AARON MAJKL ; SATTERFIELD JESSE ; MORTON DAVID ; MORROU KATRIN R ; KHIMBERGER EHNDRJU M ; JESSE CLAY M SATTERFIELD ; HIMBERGER ANDREW ; HARRIS JENSEN N

; GOT E TREJSI M ; GAUTHIER TRACEY ; DEAN EIN ELIZABETH ; CLAY SATTERFIELD JESSE ; DENNEY JUSTIN ; JUSTIN DENNEY ; JESSE CLAY SATTERFIELD

Inventor(s): BUTCHER AARON ; RADTKE ROLAND BUTCHER AARON M ; JESSE CLAY SATTERFIELD BUTCHER AARON M ; DENNEY JUSTIN C O MICROSOFT CORPORATION ; HARRIS JENSEN ; MORROW CATHERINE ; ANDREW HIMBERGER ; AARON MICHAEL BUTCHER ; AAROM M BUTCHER ; DAVID MORTON ; BUTCHER AARON MUS ; BUTCHER AARON MICHAEL SATTERFIELD JESSE CLAY ; DENNEY JUSTINUS ; TRACEY GAUTHIER ; TRACEY MGAUTHIER ; TRACKEY M GAUTHIER ; HARRIS JENSEN MUS ; GOT'E TREJSI M. ; SATTERFIELD JESSE CLAYUS ; RADTKE ROLAND BUTCHER AARON M HARRIS JENSEN M MORR ; PETERS MARK ; MORTON DAVID AUS ; LIGAMERI MARK ; JESSE CLAY SATTERFIELD BUTCHER AARON M MORTON DAVI ; JESSE SATTERFIELD ; JENSEN MHARRIS ; ERIN ELIZABETH DEAN ; BUTCHER AARON M HIMBERGER ANDREW M HARRIS JENSEN M ; BUTCHER AARON M MORTON DAVID A HARRIS JENSEN M JES ; BUTCHER AARON MICHAEL SATTERFIELD JESSE CLAY DEAN ERIN ELIZABETH HARRIS JENSEN M ; ANDREW MHIMBERGER ; AARON MBUTCHER

Agent(s): DAVIES COLLISON CAVE PTY LTD; DAVIES COLLISON CAVE; SMART AND BIGGAR; VILLASECA; FEDERICO VILLASECA Y CIA; DARIO CARDENAS NAVAS; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER; GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; CARPINTERO MARIO; REINHOLD COHN AND PARTNERS; ABE KAZUO; TANI YOSHIKAZU; ONO SHINJIRO; YAMAMOTO OSAMU; TAKEUCHI SHIGEO; NAKANISHI MOTOHARU; NAKAMURA SHOGO; KOBAYASHI YASUSHI; TANAKA HIDEO; SAPALO AND VELEZ; HSLEGAL LLP; MERCHANT AND GOULD MICROSOFT; MERCHANT AND GOULD; JIM; STEVE; MICKY; DANIELLE

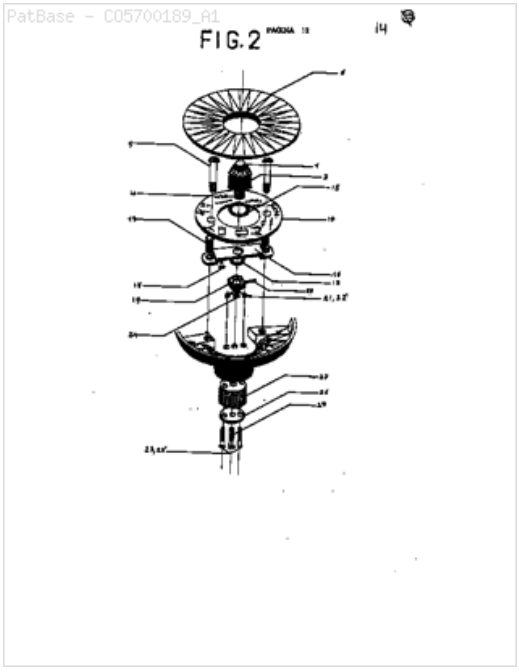
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT 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 YU ZA ZM ZW

11) Family number: 43686462 (CO5700189A)

Title: PORTALAMPARAS MOVIL Y ROTACION AXIAL A **CONTROL** REMOTO E INTERRUPTOR ELECTRONICO INFRARROJO DIGITAL UNIVERSAL PARA TODOS LOS **CONTROLES** MOBILE HOLDER AND AXIAL ROTATION UNIVERSAL **REMOTE CONTROL** AND DIGITAL INFRARED ELECTRONIC SWITCH FOR ALL **CONTROLS** (Machine translation)

Abstract: Source: CO5700189A Dispositivo portalampara Movil con rotacion axial A **control** remoto e interruptor Electronico infrarrojo Digital para encender o apagar A distancia cualquier tipo De lampara luminiscente Y evitar el desplazamiento Hasta el sitio donde se encuentra El interruptor manual.Que esta compuesto por un cuerpo Circular en forma de plafon que se Puede acoplar simetricamente En forma roscada por medio De una capsula, que tiene rosca Redonda estandar tipo edison, A cualquier Roseta o portalampara.Que tiene medios para hacer girar de derecha a izquierda y de izquierda a derecha sobre si misma en forma axial, esta capsula se encuentra en la parte superior del portalamparas.Caracterizada por tener en su interior un interruptor electronico infrarrojo digital cuya importancia radica que puede ser comandado con cualquier **control** remoto IR. Y cambiarse de un lugar a otro cuando se desee, sin conexiones y en forma rapida, solamente desenroscar y roscar. Que es completamente silencioso sin interferencias de **RF**. Y en la version de DIMER es ahorrador de energia. Por que puede graduarse la intensidad de la luz. Que al fallar el fluido electrico y haber quedado el interruptor encendido al regresar este la bombilla no se enciende si no hasta cuando se le de la senal.Proporcionando un medio nuevo de encendido y apagado de una lampara con un alcance de 0 mts a 20 mts Y cubrimiento de 360 grados.Solucionando una necesidad tecnica existente. Mejorando calidad y estilo de vida. less than EMI FILE="06085893_1" ID="1" IMF=JPEG HE=50 WI=50 greater than SOLICITUDES DE PATENTES DE MODELO DE UTILIDADORDENADAS PUBLICAR EN OCTUBRE 2006 IMPORTANTE:SOLICITUDES DE PATENTE DE MODELO DE UTILIDAD: A partir de la fecha de publicacion de esta gaceta el solicitante cuenta con un plazo de tres (3) meses para pedir que se practique el examen de patentabilidad de la solicitud, anexando el recibo de pago de la tasa correspondiente a tal fin. De no procederse asi la solicitud caera en abandono (Arts. 85 y 44 de la Decision 486). Device Mobile lampholder with axial rotation **remote** **control** and infrared digital electronic switch on or off **remotely** any kind of glow lamp and avoid travel to the site where El manual.Que switch is composed of a circular body as overhead **lights** that can be attached symmetrically shaped threaded through a capsule, which is threaded standard type Round edison, A rosette or portalampara.Que have any means for rotating from right to left and left to right on itself axially, this capsule is located on top of portalamparas.Caracterizada by having therein a digital electronic switch whose importance lies infrared which can be commanded with any IR **remote** **control**. And changed from one place to another when desired, without connections and quickly, only unscrew and screw. Which is completely silent with no **RF** interference. And in the dimmer version is saving energy. Why can graduate the intensity of **light**. Failing which the electric fluid and have been returning the switch on the bulb does not **light** if not until when will the senal.Proporcionando a new means of turning on and off a lamp with a range of 0 m to 20 m And covering 360 grados.Solucionando an existing technical necessity. Improving quality and lifestyle. less than EMI FILE = "06085893_1" ID = "1" IMF = JPEG HE = 50 WI = 50 greater than PATENT APPLICATIONS UTILIDADORDENADAS MODEL PUBLICATION IN OCTOBER 2006 IMPORTANT: PATENT UTILITY MODEL: From date of publication of this gazette the applicant has a period of three (3) months to request that the examination of patentability of the application practice, attaching the receipt of payment of the fee for that purpose. Of failure so the application shall lapse (Arts. 85 and 44 of Decision 486).

Classifications:
International (IPC 8-9): H05B41/00 (Advanced/Invention); H05B41/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
CO5700189 A1	20061130	CO20060085893	20060830

Priority:
CO20060085893 20060830

Probable Assignee:	LOPEZ GARCIA RUPERTO
Assignee(s): (std):	LOPEZ GARCIA RUPERTO
Assignee(s):	RUPERTO LOPEZ GARCIA
Inventor(s): (std):	LOPEZ GARCIA RUPERTO
Inventor(s):	RUPERTO LOPEZ GARCIA

12) Family number: 58697471 (IN03132CH2012A)

Title: APPARATUS FOR **REMOTELY** **CONTROLLING** ELECTRICAL APPLIANCES

Abstract: Source: IN03132CH2012A According to the invention, there is provided an apparatus for **remotely** **controlling** a plurality of electrical appliances, wherein the plurality of electrical appliances comprises at least one lamp dimmer. The apparatus comprises a radio frequency (**RF**) **control** device connected between the plurality of electrical appliances and a corresponding plurality of fixed electric switches, wherein the **RF** **control** device is configured to generate **control** signals for **controlling** electrical appliances based on user inputs received via a **remote** **control** device and triggering of the plurality of fixed electric switches; at least one relay device connected between the **RF** **control** device and the plurality of electrical appliances, wherein the at least one relay device is configured to turn on/off an electrical appliance based on a relay **control** signal received from the **RF** **control** device; and a dimmer **control** module connected between the **RF** **control** device and the at least one lamp dimmer for **controlling** brightness of the at least one lamp dimmer based on a triac **control** signal generated by the **RF** **control** device, wherein the **RF** **control** device generates the triac **control** signal based on zero cross detection of an input signal of the lamp dimmer, and user inputs received via the **remote** **control** device, and triggering of respective fixed electric switch.

Classifications:

International (IPC 8-9): H05B (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
IN03132CH2012 A	20150313	IN2012CH03132	20120731

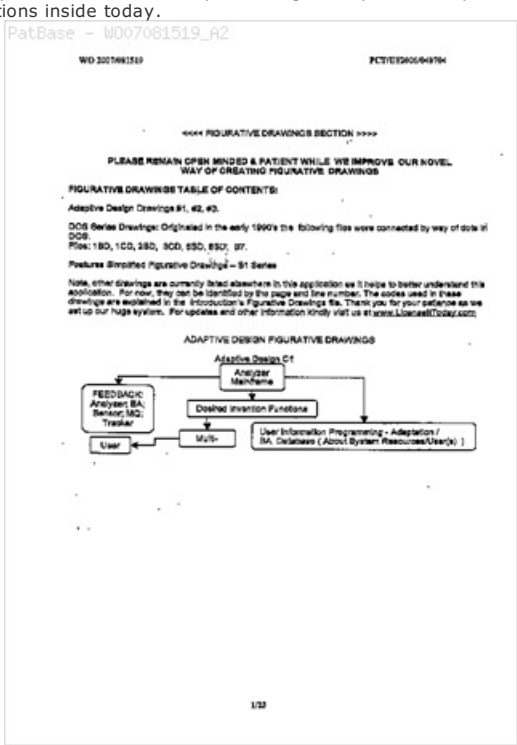
Probable Assignee:	AIZYC TECHNOLOGY PVT LTD
Assignee(s):	AIZYC TECHNOLOGY PVT LTD
Inventor(s):	SALLA MADHUSUDAN NAGA

13) Family number: 34894143 (WO07081519A2)

Title: GENIUS ADAPTIVE DESIGN

Abstract: Explore interesting inventions inside, conceived by our genius idea generator. Discover history's most effective method in conceiving novel uses for existing electronic technology. License huge domains of intellectual property from the invention directory our system helped develop. The searcher can find one of our interesting inventions in this patent application via our LicenseItToday.com, etc. Call our California Headquarters 1-707-428-5000. View invention ideas, plus 100+ variations adapted for end user target markets. LicenseItToday.com fills out exclusive international license agreements valid up to December 2026. It saves time and money creative LP. over any other documented creative thinking process. Licensees seek outputted patents using our or their pat attorneys. Royalties can start when profits begin. Or you can buy the affordable I.P. rights. Proof is in tryingit out. Discover amazing inventions inside today.

Classifications:
International (IPC 8-9): E06B7/32 G06F17/00 G06F17/30 G06Q G06Q10/00 G06Q30/00 G06Q50/00 (Advanced/Invention)
International (IPC 1-7): G06Q30/00
CPC: G06Q10/10 G06Q30/0601 G06F8/70 G06F9/445 G06F17/30
European: G06Q10/10


PatBase - WO07081519_A2

<<<< FIGURATIVE DRAWINGS SECTION >>>>

PLEASE REMAIN OPEN MINDED & PATIENT WHILE WE IMPROVE OUR NOVEL WAY OF CREATING FIGURATIVE DRAWINGS

FIGURATIVE DRAWINGS TABLE OF CONTENTS:

Adaptive Design Drawings #1, #2, #3.

DOS Series Drawings: Originated in the early 1990's the following files were connected by way of dots in DOS:
Files: 1BD, 1CD, 2BD, 3CD, 6SD, 8SD, 9T.

Features Simplified Figurative Drawings – S1 Series

Note, other drawings are currently listed elsewhere in this application as it helps to better understand this application. For now, they can be identified by the page and line number. The codes used in these drawings are explained in the Introduction's Figurative Drawings file. Thank you for your patience as we set up our huge system. For updates and other information kindly visit us at www.LicenseItToday.com

ADAPTIVE DESIGN FIGURATIVE DRAWINGS

Adaptive Design C1

Analyzer Mainframe

FEEDBACK: Analyzer BA; Sensor; MG; Tracker

Desired Invention Functions

User

Multi-

User Information Programming - Adaptation / BA. Databases (About System Resources/User(s))

1/33

Family:

Publication number	Publication date	Application number	Application date
AP200804559 A0	20080831	AP20080004559	20061219
AU2006335151 AA	20070719	AU20060335151	20061219
AU2013200386 AA	20130221	AU20130200386	20130125
CA2635954 AA	20080630	CA20062635954	20061219
CO6160255 A2	20100520	CO20080079355	20080731
EP2059899 A2	20090520	EP20060849217	20061219
EP2059899 A4	20120704	EP20060849217	20061219
IL192465 A0	20090922	IL20060192465	20061219
IN06638DN2008 A	20100507	IN2008DN06638	20080730
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NZ570109 A	20110826	NZ20060570109	20061219
WO07081519 A2	20070719	WO2006US48704	20061219
WO07081519 C1	20080612	WO2006US48704	20061219

Priority:

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US20060756607P 20060105 US20060778313P 20060301 US20060783018P 20060315
WO2006US48704 20061219 US20060786906P 20060328 US20060852794P 20061018

Probable Assignee: INNOVATION INST LLC

Assignee(s): (std): CABINALLA LINDA ; INNOVATION INST LLC ; KAYS STEVEN ; WORLD CHARITY DIVISION LICENSE ; STEVEN KAYS

Assignee(s): WORLD CHARITY DIVISION LICENSELTTODAYCOM LLC ; WORLD CHARITY DIVISION LICENSELTTODAY COM LLC ; INNOVATION INSTITUTE LLC

Inventor(s): (std): CABINALLA LINDA ; KAYS STEVEN

Inventor(s): STEVEN KAYS

Agent(s): SHELSTON IP; KAYS STEVEN; INNOVATION INSTITUTEION LLC; BORDEN LADNER GERVAIS LLP; MAURICIO JARAMILLO CAMPUZANO; BEETZ AND PARTNER

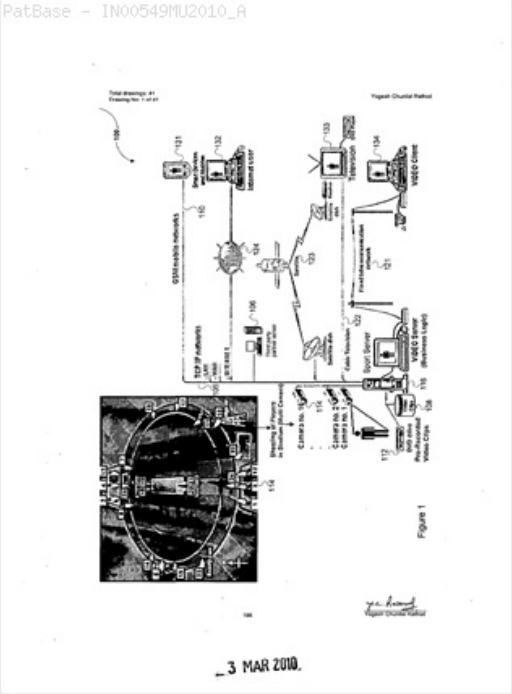
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL 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

14) Family number: 45954294 (IN00549MU2010A)

Title: AN APPARATUS, SYSTEM, AND METHOD FOR AUTOMATED PRODUCTION OF RULE BASED NEAR LIVE SPORTS EVENT IN THE FORM OF A VIDEO FILM FOR ENTERTAINMENT

Abstract: Source: IN00549MU2010A An apparatus, system, and method for automated production of sport video using expert sports video production rules. Methods and systems for automated rule based real and live sports video or film or movie productions by merging pre-created standardize video clips as per administrator score or points or goal settings and domain or subject specific film or movie production rules by domain and subject specific rule engine and real time or near real time live broadcasting or telecasting or streaming or screening or transmission or playing or recording live or real sports match event via multiple communication networks on multiple types of user(s) device(s) to viewers, e.g. real and live sports comprising cricket, baseball, golf, football, soccer, basketball, hockey, tennis, racing.

Classifications:
International (IPC 8-9): G06T17/00 H04N5/445
H04N5/765 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
IN00549MU2010 A	20100709	IN2010MU00549	20100303

Probable Assignee: RATHOD YOGESH CHUNILAL
Assignee(s): RATHOD YOGESH CHUNILAL
Inventor(s): RATHOD YOGESH CHUNILAL

15) Family number: 27985952 (US2003005831A)

Title: Machine for injecting liquids

Abstract: Source: US2003005831A A machine for injecting liquids. An air booster pump is adapted to receive injectate. The air booster pump is in fluid communication with one or more heads having apertures for nozzles. A hollow tube is preferably, but not necessarily, located within each head and is in fluid communication with the air booster pump. Injectate flows from the air booster pump into the head, preferably through the apertures in the wall of the hollow tube. Preferably, but not necessarily, the head is designed so that upon installation one point of the inside of the head will be at the highest elevation. Near such point the head has an escape aperture so that any gas within the injectate that enters the head will tend to flow to and through such escape aperture. Furthermore, a return line preferably, but not necessarily, takes injectate that flows through the escape aperture to the low-pressure side of the air booster pump. And also, a drain, in a work surface to which the head is preferably, but not necessarily, mounted, preferably, but not necessarily, reclaims injectate and transports it to the low-pressure side of the air booster pump. Filters exist for the injectate; a main injectate filter can preferably be replaced while the Machine is operating. And the Machine preferably includes a computer device for **controlling** its components and operation.

Classifications:
International (IPC 8-9): A22C17/00 A22C9/00 A23B4/00 A23B4/14 A23B4/16 A23B4/26 A23B4/28 A23C17/00 A23L1/31 A23L1/318 A61M37/00 A61M5/30 B02C11/08 B05B13/00 B05B15/00 B67D B67D1/00 (Advanced/Invention);
A23C17/00 A23L1/318 (Advanced/Non-invention);
A23B4/00 A23B4/14 A23B4/26 A23C17/00 A23L1/00 (Core/Invention);
A23B4/00 A23B4/28 (Core/Non-invention);
A23C B67D (Subclass/Non-invention)
International (IPC 1-7): A23B4/00 A23B4/10 A23B4/28 A23C17/00 A23L1/31 A47J31/00 B02B3/00 B05B7/00 B67D B67D5/00
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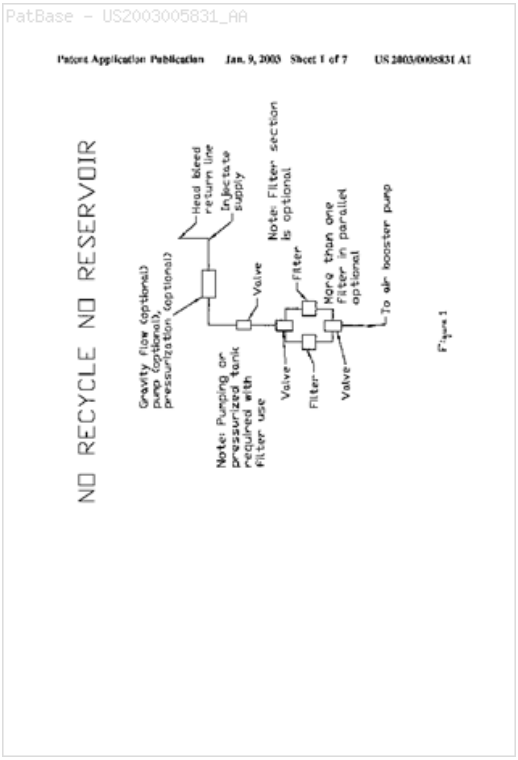
US: 426/58 99/279 99/279S 99/487 99/532 99/532P 99/533 99/535



Family:

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RU2008111687 A	20091010	RU20080111687	20080327

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TW200505349 A	20050216	TW20040102843	20040206
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US6976421 BB	20051220	US20030361459	20030210
US8122819 BB	20120228	US20050305942	20051219
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WO04071936 A2	20040826	WO2004US03589	20040206
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ZA200506449 A	20060426	ZA20050006449	20050812

Priority:

JP20060503404 20040206 US20010899492 20010703 US20030361459 20030210
US20040894251 20040719 US20050305942 20051219 WO2004US03589 20040206

Probable Assignee: LARED HANSEN

Assignee(s): (std)**:** CONLY HANSEN ; CONLY L HANSEN ; EDWARD D WATTS ; EDWARD WATTS ; HANSEN ; HANSEN CONLY L ; WATTS ED ; KHANSEN KONLI L ; UOTTS EHDVARD D ; WATTS EDWARD D

Assignee(s): HANSEN CONLY L US ; LARED HANSEN

Inventor(s): (std)**:** CONLY L HANSEN ; HANSEN CONLY L ; WATTS ED ; WATTS EDWARD D ; WATTS EDWARD D HANSEN CONLY L ; UOTTS EHDVARD D ; KHANSEN KONLI L ; EDWARD D WATTS

Inventor(s): WATTS EDWARD ; HANSEN CONLY

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; PIZZEYS; FINLAYSON AND SINGLEHURST; REINHOLD COHN AND PARTNERS; REINHART BOERNER VAN DEUREN SC ATTN LINDA KASULKE DOCKET COORDINATOR; REINHART BOERNER VAN DEUREN SC

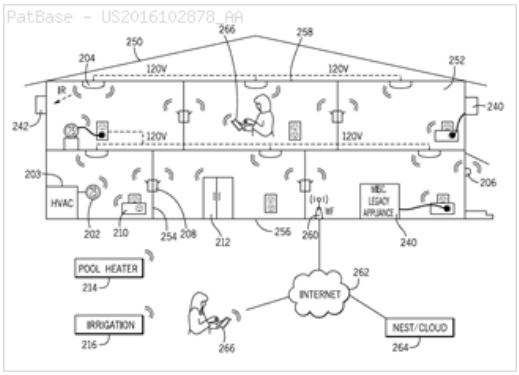
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO 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: 61704143 (US2016102878A)

Title: DATA MANAGEMENT PROFILE FOR A FABRIC NETWORK

Abstract: Source: US2016102878A Method and systems for **controlling** data **remotely** that includes connecting to a **remote** device within a fabric of smart devices. The **remote** device stores data locally. **Controlling** the data includes **remotely controlling** the data stored in the **remote** device from another device connected to the fabric by transmitting a message to the **remote** device. Moreover, the transmitted message includes a profile identifier that causes a data management entity of the **remote** device to perform an indicated data management action. Furthermore, the profile identifier identifies a data management profile, and the message includes a command tag that indicates the data management action to be performed.

Classifications:
International (IPC 8-9): F24F11/00 G05B15/02 G05B19/042 G05B21/00 G06F15/16 G06F15/173 G06F17/30 G08B17/10 G08B25/00 G08B29/02 H04L12/24 H04L12/26 H04L12/28 H04L12/741 H04L12/751 H04L29/06 H04L29/08 H04L29/12 (Advanced/Invention); G06F12/00 (Advanced/Non-invention)
CPC: H04L67/143 H04L67/12 G05B15/02 H04L67/10 H04L41/0816 H04L63/08 H04L12/281 H04L45/74 H04L45/02 H04L12/2823 H04L29/06 G08B29/02 H04L67/303 G08B25/001 G08B17/10 H04L12/283 F24F11/006 H04L43/0805 H04L67/06 H04L67/02 G05B19/042 G05B2219/2642 H04L67/141 H04L12/2803 H04L69/28 G06F17/30722 G06F17/30634 H04L61/1541 H04L67/26
US: 1/1 340/501 340/506 370/392 700/276 707/695 709/217 709/221 709/224 709/227 726/4



Family:

Publication number	Publication date	Application number	Application date
EP3205055 A1	20170816	EP20150787751	20151006
US2016102878 AA	20160414	US20140588086	20141231
US2016103911 AA	20160414	US20150665913	20150323
US2016104369 AA	20160414	US20140588104	20141231
US2016105314 AA	20160414	US20150590495	20150106
US2016105339 AA	20160414	US20140588081	20141231
US2016105360 AA	20160414	US20150590468	20150106
US2016173613 AA	20160616	US20160050195	20160222
US2016225250 AA	20160804	US20160096063	20160411
US2016248647 AA	20160825	US20160143082	20160429
US2016306879 AA	20161020	US20160187531	20160620
US2016344830 AA	20161124	US20160228939	20160804
US9270761 BA	20160223	US20150592469	20150108
US9311811 BA	20160412	US20140588104	20141231
US9338071 BB	20160510	US20140588081	20141231
US9410712 BB	20160809	US20140588086	20141231
US9432464 BB	20160830	US20150665913	20150323
US9553843 BA	20170124	US20140588075	20141231
US9661093 BB	20170523	US20160050195	20160222
US9716686 BB	20170725	US20150590468	20150106
US9819638 BB	20171114	US20160096063	20160411
WO16057548 A1	20160414	WO2015US54287	20151006

Priority:

US20140061593P 20141008 US20140588075 20141231 US20140588104 20141231
US20140588086 20141231 US20140588081 20141231 US20150590468 20150106
US20150592469 20150108 US20150665913 20150323 US20150590495 20150106
US20160050195 20160222 US20160096063 20160411 US20160143082 20160429
US20160187531 20160620 US20160228939 20160804 WO2015US54287 20151006

Probable Assignee: GUJJARU SUNNY VARDHAN

Assignee(s): (std): GUJJARU SUNNY VARDHAN ; NEST LABS INC ; SMITH ZACH B ; LU JIAKANG ; DIXON MICHAEL ; GOOGLE INC

Assignee(s): GOOGLE LLC

Inventor(s): (std): LOGUE JAY D ; SCHULTZ RICHARD J ; SMITH ZACH B ; STEBBINS ANDREW W ; TRIMBLE TAYLOR J ; SZEWCZYK ROBERT ; SMITH ZACHARY B ; NEELEY MATTHEW G ; ERICKSON GRANT M ; LU JIAKANG ; GUJJARU SUNNY VARDHAN ; DIXON MICHAEL

Agent(s): BOULT WADE TENNANT; WOLFE SBMC; COLBY NIPPER; FLETCHER MICHAEL G ET AL

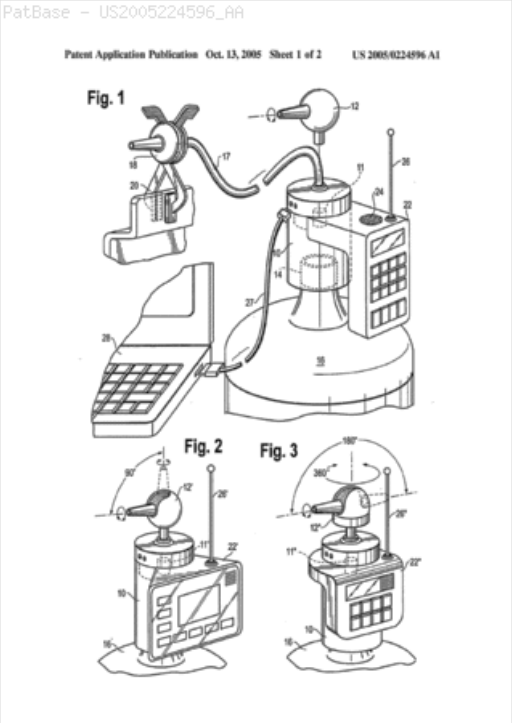
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW 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

17) Family number: 32301364 (US2005224596A)

Title: MACHINE THAT IS AN AUTOMATIC PESTICIDE, INSECTICIDE, REPELLANT, POISON, AIR FRESHENER, DISINFECTANT OR OTHER TYPE OF SPRAY DELIVERY SYSTEM

Abstract: Source: US2005224596A Automatic pesticide, insecticide, repellant, poison, air freshener, disinfectant or other spray-type delivery systems are proposed for automating the delivery of these items to areas, for **controlling** pests easier, for improving environmental conditions, and for making it easier to freshen the air and to disinfect areas. The device includes a logic circuit and mechanisms containing a circuit that will enable a user to program the device to discharge a spray of its poison, disinfecting or air freshening spray(s) at a pre-selected time interval or day/time interval chosen in the unit's **memory**. An electromechanical valve opens to let contents escape when the spraying mechanism of the system is activated. The valve connects to a pressurized spray cylinder and it releases a **controlled** burst of insecticide, pesticide, repellant, disinfectant, and or air freshener as programmed. **Control** circuits allow the user to set when the system goes off.

Classifications:
International (IPC 8-9): A01G27/00 A01M1/20 A01M21/04 A01M25/00 A01M29/12 A61L2/22 A61L2/24 A61L9/14 B05B12/00 B05B12/02 B05B17/04 B05B3/00 (Advanced/Invention)
International (IPC 1-7): A01G27/00 B05B17/04 B05B3/00
CPC: A01M29/12 A01M1/2038 A01M21/043 A01M25/00 A61L2/22 A61L2/24 A61L9/14 B05B12/00 B05B12/02
European: A01M1/20C2H A01M21/04B A01M25/00 A01M29/12 A61L2/22 A61L2/24 A61L9/14 B05B12/00 B05B12/02
US: 239/67 239/67P 239/68 239/68S 239/722 239/722S



Family:

Publication number	Publication date	Application number	Application date
US2005224596 AA	20051013	US20040885187	20040706

Priority:
US20030485548P 20030708 US20040885187 20040706

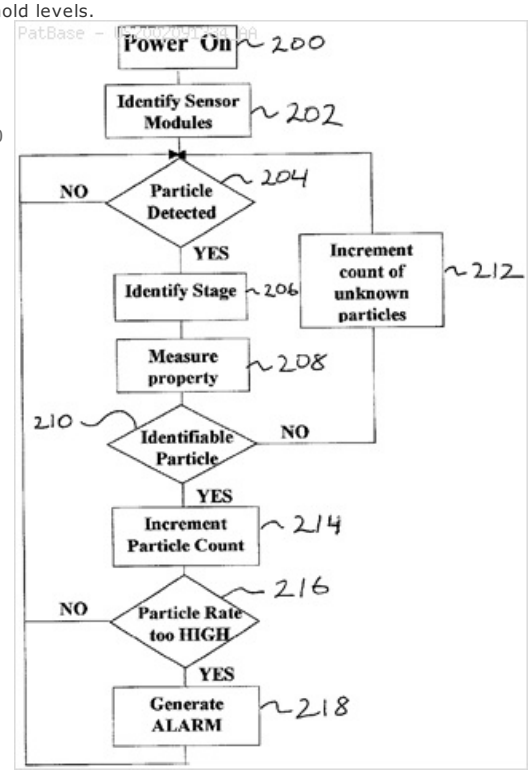
Probable Assignee: PANOPOULOS PETER J
Assignee(s): (std): PANOPOULOS PETER J
Inventor(s): (std): PANOPOULOS PETER J
Inventor(s): PANOPOULOS PETER ; PANOPOULOS PETER JOHN
Agent(s): PETER J PANOPOULOS

18) Family number: 28236631 (US2002091334A)

Title: Allergen and irritant measuring device

Abstract: Source: US2002091334A A device is described that can be easily used to warn an asthmatic or allergen reacting patient of irritant levels which may trigger an asthma or allergy attack for that person. The device continually monitors and records irritants in the air, and when the concentration exceeds the predefined level the device generates an alarm signal for the user. The recorded data can be downloaded to a computer, and this information can be used by the patient and the physician to identify irritants, guide treatment, and determine threshold levels.

Classifications:
International (IPC 8-9): A61B5/08 (Advanced/Invention); A61B5/00 (Advanced/Non-invention); A61B5/08 (Core/Invention); A61B5/00 (Core/Non-invention)
International (IPC 1-7): A61B5/00 A61B5/08 G01N15/06 G01N33/00 G06F19/00 G08B21/00
CPC: A61B5/411 A61B5/0002 A61B5/08
European: A61B5/08 A61B5/41B K61B5/00B
US: 600/388 600/389 600/390 600/529 600/529P 600/549 600/556



Family:

Publication number	Publication date	Application number	Application date
AU2002249914 AA	20020724	AU20020249914	20020108
US2002091334 AA	20020711	US20010758400	20010110
US6629932 BB	20031007	US20010758400	20010110
WO02056009 A2	20020718	WO2002US00320	20020108
WO02056009 A3	20040311	WO2002US00320	20020108

Priority:

US20010758400 20010110 WO2002US00320 20020108

Probable Assignee: PEARL TECHNOLOGY HOLDINGS LLC

Assignee(s): (std): PEARL TECHNOLOGY HOLDINGS LLC

Inventor(s): (std): DA SILVA LUIZ B ; SILVA LUIZ B DA ; TRAUNER KENNETH B ; WEBER PAUL J

Inventor(s): KENNETH B TRAUNER ; LUIZ B DA SILVA ; PAUL J WEBER

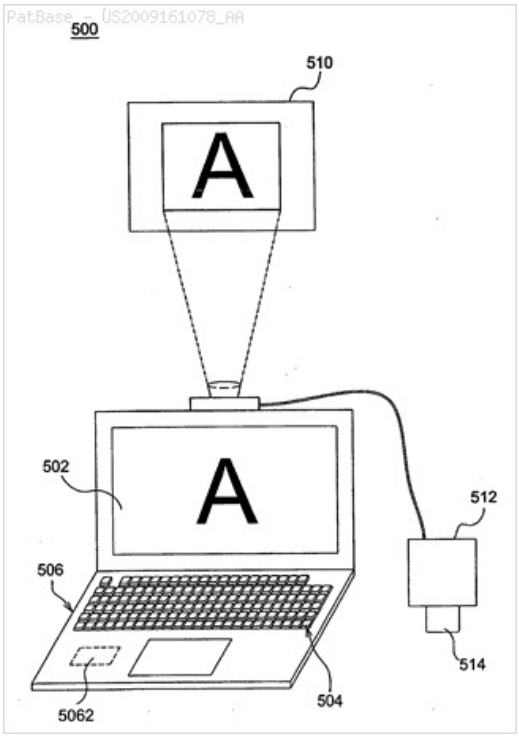
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL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

19) Family number: 43431307 (US2009161078A)

Title: PROJECTOR, AND MOBILE DEVICE AND COMPUTER DEVICE HAVING THE SAME

Abstract: Source: US2009161078A A projector includes a housing, an optical unit, and a heat transfer module. The housing is made of a material with high thermal conductivity having a window. The optical unit is accommodated in the housing and further includes a **light** source, a panel, and a projection lens. The **light** source provides a **light**. The panel modulates the **light**. The projection lens projects the modulated **light** to leave the window. The heat transfer module is accommodated in the housing and connected the optical unit and the housing to transfer heat from the optical unit to the housing. Particularly, the projector is a cooling-**fan** saved projector. In addition, the projector further comprises a computer card adapter and a computer card inserted into the computer card adapter.

Classifications:
International (IPC 8-9): G03B21/16 (Advanced/Invention); G03B21/16 (Core/Invention)
CPC: G03B21/16
European: G03B21/16
US: 353/52 353/57



Family:

Publication number	Publication date	Application number	Application date
US2009161078 AA	20090625	US20070003350	20071221

Priority:
US20070003350 20071221

Probable Assignee: OCULON OPTOELECTRONICS INC

Assignee(s): (std): OCULON OPTOELECTRONICS INC

Inventor(s): (std): CHEN AARON ; CHEN WILLIAM ; KAO KEVIN ; LEE ZENO ; LIU IAN ; TAI AHERN ; TENG TED ; WANG ASKA ; WU SPENCER

Agent(s): REED SMITH LLP ATTN JUAN CARLOS A MARQUEZ

20) Family number: 15598015 (US6265984B)

Title: **LIGHT** EMITTING DIODE DISPLAY DEVICE

Abstract: Source: US6265984B A pre-programmed device and method for forming and displaying images includes: electrically powered **light** emitters in one or more rows that can be moved in a path generally perpendicular with the row of **lights**; a microprocessor(s) **controlling** the **lights**; motion or speed sensors which enable the display device; and a source of electrical power within, on, or connected to the display device is provided. The microprocessor turns the individual electrically powered **light** emitters on and off in a time-**controlled** manner to display graphics, words or messages when the display device is moved at or above a rate of speed required to be seen by humans.

Classifications:
International (IPC 8-9): A63H33/40 G09F9/33 (Advanced/Invention); G09G3/00 (Advanced/Non-invention); A63H33/00 G09F9/33 (Core/Invention); G09G3/00 (Core/Non-invention)
International (IPC 1-7): G08B5/00
CPC: G09F19/12 G03B25/02 A63H33/40 G09F9/33 G09G3/001 H05B33/0854 H05B37/029
European: A63H33/40 G09F9/33 H05B33/08D3B4 H05B37/02S S09G3/00B
US: 340/815.4 340/815.45 340/815.53 345/31

Family:

Publication number	Publication date	Application number	Application date
US6265984 BA	20010724	US19990370728	19990809

Priority:
US19990370728 19990809

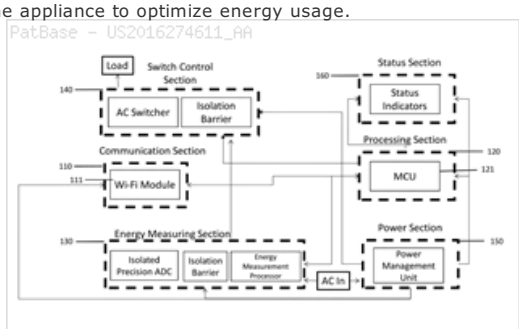
Probable Assignee: MOLINAROLI CARL JOSEPH
Assignee(s): MOLINAROLI CARL JOSEPH
Inventor(s): (std): MOLINAROLI CARL JOSEPH

21) Family number: 63600053 (US2016274611A)

Title: SMART ELECTRICAL SWITCH WITH ENGERY METERING CAPABILITY

Abstract: Source: US2016274611A A smart electrical switch with energy measurement and **control** capabilities is described herein. The smart electrical switch enables a user to **control**, monitor and manage their appliances and their energy consumption both locally and **remotely** by taking advantage of an onboard integrated Wi-Fi and implemented algorithms. The user can send **control** commands to the smart electrical switch via an application installed on a portable electronic device or web application accessed via an Internet browser. The smart electrical switch connects to already deployed Wi-Fi router at a user location to use it as a bridge to communicate between the user, cloud and itself. Consequently; it eliminates the need of any additional hub or concentrator which is a primary requirement in ZigBee, Z-Wave or similar technology. The onboard power management unit ensures optimal use of power by the device. The onboard energy measurement unit measures the actual energy consumption of relevant **light** to show the actual usage statistics and relevant costs to the user. The measurements are presented in user-friendly manner and give the users insights into their energy spending. The smart electrical switch can operate in a smart mode after collecting enough data to automatically change the operating state of the appliances based on user's use or behavior history associated with the appliance to optimize energy usage.

Classifications:
International (IPC 8-9): G05B15/02 G05F1/66 H04L12/28 H04L29/08 H04W4/00 (Advanced/Invention)
CPC: G05F1/66 H04L67/12 H04W4/005 H04L12/2825 G05B15/02 Y02B60/50
US: 700/295



Family:

Publication number	Publication date	Application number	Application date
US2016274611 AA	20160922	US20160069423	20160314

Priority:

US20150134012P 20150317 US20160069423 20160314

Probable Assignee: CIELO WIGLE INC

Assignee(s): (std): CIELO WIGLE INC

Inventor(s): (std): AMER WASEEM ; JARRAL ANEES AHMED

22) Family number: 61602305 (BR102014013516A)

Title: DISPOSITIVO PROMOCIONAL APLICADO EM EQUIPAMENTOS DE REFRIGERACAO USADOS EM PONTOS DE VENDA
PROMOTIONAL DEVICE USED IN USED REFRIGERATION EQUIPMENT IN POINTS OF SALE (Machine translation)

Abstract: Source: BR102014013516A 1 Resumo "DISPOSITIVO PROMOCIONAL APLICADO EM EQUIPAMENTOS DE RE-FRIGERACAO USADOS EM PONTOS DE VENDA" O presente resumo refere-se a um pedido de patente de invencao para dispositivo promocional, pertencente ao campo dos equipamentos de publicidade, desenvolvido para ser usado em equipamentos de refrige- racao (100) diversos, empregados em pontos de venda e compostos: por unidade frigorifica (101); por gabinete (102); por prateleiras (103); por dispositivo de iluminacao interna (104); e por porta expositora (105); o dispositivo promocional (1) formado por dispositivo sensibili- zador da visao, audicao e olfato (2) composto: por conjunto (3) de Leds montados em torno da porta (105) e/ou outras posicoes; por dispositi- vo sonoro (4); e dispositivo de liberacao de aromas (5) dispostos junto ao refrigerador (100); dispositivo de **controle** (10) compreendido, es- sencialmente: por dispositivo (11) de **controle** de efeitos luminotecni- cos, sonoros e de percepcao olfativa; dispositivo (12) de recep-cao/transmissao de comunicacao; por fonte (13) de alimentacao eletri- ca; por **controle** manual ou central remotos (14). 1 summary "PROMOTIONAL DEVICE USED IN RE EQUIPMENT refrigerating USED IN POINTS OF SALE" This summary refers to a patent application for promotional device, belonging to the field of advertising equipment, designed to be used in equipment refrigerating ration (100) Miscellaneous, employees at points of sale and compounds: a refrigerating unit (101); for office (102); by shelves (103); by internal **lighting** device (104); and exhibiting port (105); promotional device (1) formed by zer device sensitivity of vision, audition and smell (2) comprising: a set (3) LEDs mounted around the door (105) and / or other positions; by dispositi- sound vo (4); and release aromas device (5) arranged at the cooler (100); **Control** device (10) comprised, essentially: on device (11) effects **control** luminotecni- cos, audible and olfactory perception; device (12) of receipt / transmission of communication; by source (13) feeding electrified ca; by manual **control** or **remote** central (14).

Classifications:
International (IPC 8-9): F25D13/00 F25D15/00 (Advanced/Invention)

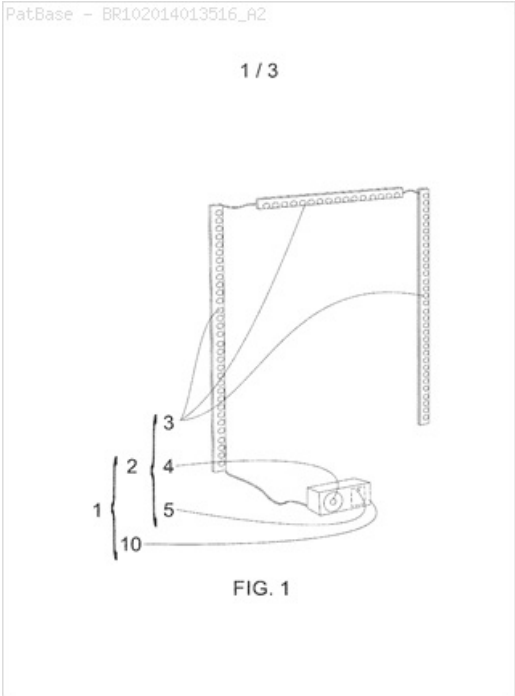


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
BR102014013516 A2	20160126	BR20141013516	20140604

Priority:

BR20141013516 20140604

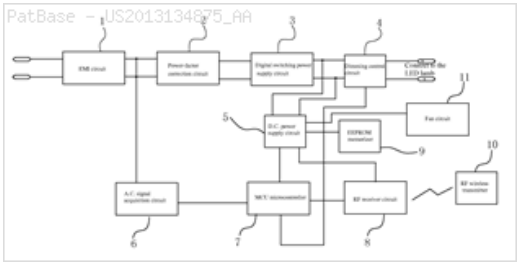
Probable Assignee: O2 LED ILLUMINATION COMERCIO E DESENVOLVIMENTO DE PRODUTOS LTDA
Assignee(s): (std): O2 LED ILLUMINATION COMERCIO E DESENVOLVIMENTO DE PRODUTOS LTDA
Assignee(s): O2 LED ILLUMINATION COMERCIO E DESENVOLVIMENTO DEPRODUTOS LTDA
Inventor(s): (std): CARDOSO ROBERTO LUIZ LOPES MAURI ; RUIZ EDUARDO
Inventor(s): EDUARDO RUIZ ; ROBERTO LUIZ LOPES MAURI CARDOSO

23) Family number: 48454752 (US2013134875A)

Title: **LIGHT** REGULATABLE LED ILLUMINATION LAMP

Abstract: Source: US2013134875A A dimming LED lamp having an LED **light**, an EMI circuit, a power-factor correction circuit, a digital switching power supply circuit, a dimming **control** circuit, a power supply circuit, a signal acquisition circuit, an MCU microcontroller, a **RF** wireless transmitter, a **RF** receiver circuit, an EEPROM memorizer, and a **fan** circuit. The brightness of the dimmable LED lamp can be dimmed through any conventional incandescent dimmers, or through any ordinary key switch, or through a wireless transmitter. The wireless transmitter can also **remotely** turn on the lamps or turn off the lamps, at the same time the LED lamp also has the function of brightness saving. The **fan** circuit uses air convection to cool the LED which has the advantages of aesthetically pleasing appearance, small size, **light** weight, low cost, long life, and good cooling effect.

Classifications:
International (IPC 8-9): H01J1/52 H05B33/08 H05B37/00 H05B37/02 (Advanced/Invention)
CPC: H05B33/0833 H05B33/0884 H05B33/0809 H05B33/0851 H05B37/0272
European: H05B33/08D1C H05B33/08D3B H05B37/02B6R
US: 315/120 315/152 315/293 315/51 315/85



Family:

Publication number	Publication date	Application number	Application date
CN201758471 U	20110309	CN201020244529U	20100628
US2013134875 AA	20130530	US20100807521	20101227
US8823266 BB	20140902	US20100807521	20101227
WO12000159 A1	20120105	WO2010CN02164	20101227

Priority:

CN201020244529U 20100628 WO2010CN02164 20101227

Probable Assignee: CHANGXING POTEK ELECTRONICS AND TECHNOLOGY CO LTD

Assignee(s): (std): BING QIN ; NINGBO HUADIAN ENVIROTECH CO LTD ; QIN BING ; NINGBO JIANGBEI POTEK ELECTRONICS AND TECHNOLOGY CO LTD

Assignee(s): NINGBO JIANGBEI POTEK ELECTRONICS AND TECHNOLOGY CO ; CHANGXING POTEK ELECTRONICS AND TECHNOLOGY CO LTD ; NINGBO HUADIAN ENVIROTECH CO

Inventor(s): (std): QIN BING ; BING QIN

Agent(s): STEPHEN; WANG LAW FIRM INC; LI K; NINGBO CHANNEL PATENT ATTORNEYS OFFICE

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