

Diego Gonzalez

1) Family number: 64179400 (US2016360336A)

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Title: SYSTEMS AND METHODS FOR PROACTIVELY IDENTIFYING AND SURFACING RELEVANT CONTENT ON A TOUCH-SENSITIVE DEVICE

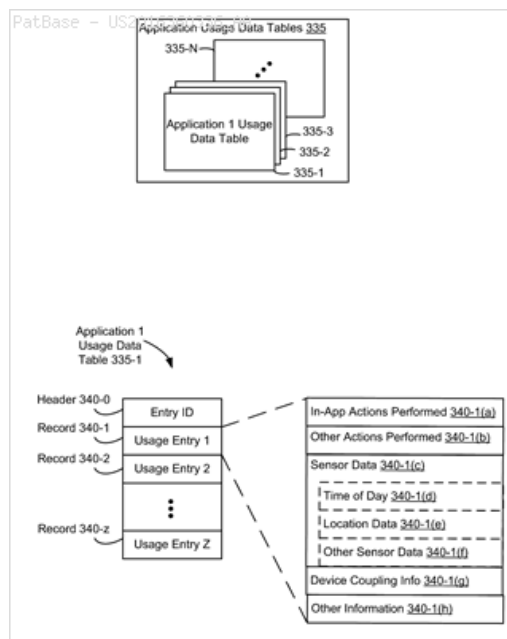
Abstract: Systems and methods for proactively populating an application with information that was previously viewed by a user in a different application are disclosed herein. An example method includes: while displaying a first application, obtaining information identifying a first physical location viewed by a user in the first application. The method also includes exiting the first application and, after exiting the first application, receiving a request from the user to open a second application that is distinct from the first application. In response to receiving the request and in accordance with a determination that the second application is capable of accepting geographic location information, the method includes presenting the second application so that the second application is populated with information that is based at least in part on the information identifying the first physical location.

Classifications:

International (IPC 8-9): G01C21/26 G06F17/30 G06F3/01 G06F3/0346 G06F3/0481 G06F3/0486 G06F3/0488 G06F9/44 G06F9/451 G06Q50/10 G08G1/005 G08G1/123 G09B29/00 G09B29/10 G10L15/28 H04L29/08 H04M1/00 H04M1/247 H04M1/64 H04M1/725 H04W24/00 H04W4/00 H04W4/02 H04W4/04 H04W4/40 H04W4/50 (Advanced/Invention); G06F9/54 H04L29/08 (Advanced/Non-invention)

CPC: H04W4/025 H04M1/72583 G06F9/543 H04L67/125 H04L67/18 H04W4/001 G06F3/0346 G06F3/04817 H04W4/02 H04M1/72522 H04M2250/10 H04M2250/12 H04M2250/22 G06F3/016 G06F3/0488 G06F3/04883 G06F9/453 G06F2203/04808 H04W4/40 H04W4/50 H04W4/029

US: 1/1 455/414.2 455/456.3



Family:

Publication number	Publication date	Application number	Application date
AU2016268860 AA	20171207	AU20160268860	20160527
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AU2018222890 AA	20180913	AU20180222890	20180827
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US2016360382 AA	20161208	US20160166226	20160526
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US10200824 BB	20190205	US20160166226	20160526

WO16191737 A2	20161201	WO2016US34807	20160527
WO16191737 A3	20170209	WO2016US34807	20160527

Priority:

US20150167265P	20150527	US20150172019P	20150605	US20160166226	20160526
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US20180147572	20180928	JP20180192102	20181010		

Probable Assignee: APPLE INC

Assignee(s): (std): APPLE INC

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Inventor(s): DOLFING JANNES GA

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE 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

2) Family number: 73047428 (US2019034157A)

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Title: AUTOMATIC AND SELECTIVE CONTEXT-BASED GATING OF A SPEECH-OUTPUT FUNCTION OF AN ELECTRONIC DIGITAL ASSISTANT

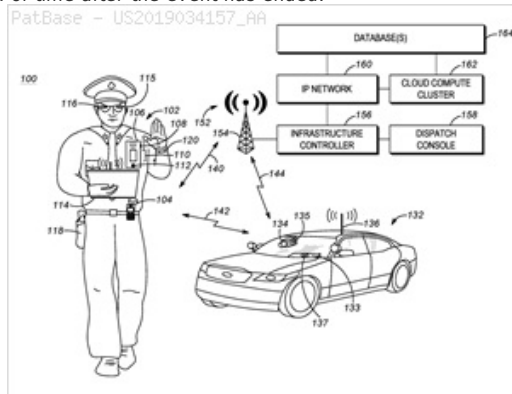
Abstract: A process at an electronic computing device (device) for automatic and selective context-based gating of an electronic digital assistant speech-output function includes detecting, via a sensor communicatively coupled to the device or via a notification received at the device, an event associated with a need to reduce a cognitive load on the user. Responsively, temporarily gating a portion of an electronic digital assistant speech-output function to prevent reproduction to the user of one or more first speech-output events generated during a first period of time associated with the event. Subsequently, and after detecting that the event has ended, ending the temporary gating to allow reproduction of one or more second speech-output events generated during a second period of time after the event has ended.

Classifications:

International (IPC 8-9): G06F3/16 G06Q10/10 G06Q50/30 G10L15/20 G10L21/16 (Advanced/Invention)

CPC: G06F3/165 G06F3/167 G10L15/20 G10L21/16 G06Q10/10 G06Q50/30

US: 1/1 700/94



Family:

Publication number	Publication date	Application number	Application date
US2019034157 AA	20190131	US20170661209	20170727
US2019179601 AA	20190613	US20190268718	20190206
US10248379 BB	20190402	US20170661209	20170727
WO19023017 A1	20190131	WO2018US42673	20180718

Priority:

US20170661209	20170727	US20190268718	20190206
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Probable Assignee: MOTOROLA SOLUTIONS INC

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Inventor(s): (std): STEINBERG PAUL D

Agent(s): BESTOR DANIEL 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 DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: INTELLIGENT AUTOMATED ASSISTANT

Abstract: An intelligent automated assistant engages with the user in an integrated, conversational manner using natural language dialog, and invokes external services when appropriate to obtain information or perform various actions. The system can be implemented using any of a number of different platforms, such as the web, email, smartphone, and the like, or any combination thereof. In one embodiment, the system is based on sets of interrelated domains and tasks, and employs additional functionally powered by external services with which the system can interact.

Classifications:

International (IPC 8-9): B60K35/00 G06F G06F17/00 G06F17/20 G06F17/27 G06F17/28 G06F17/30 G06F3/00 G06F3/048 G06F3/0481 G06F3/16 G06F9/54 G06Q10/00 G10L G10L11/00 G10L13/00 G10L13/02 G10L13/08 G10L15/00 G10L15/18 G10L15/183 G10L15/22 G10L15/26 G10L15/28 G10L21/00 G10L21/06 G10L25/48 H04M H04M1/00 H04M1/247 H04M1/60 H04M1/725 (Advanced/Invention);

G06Q10/10 G10L15/22 H04M3/493 H04W4/00 (Advanced/Non-invention);

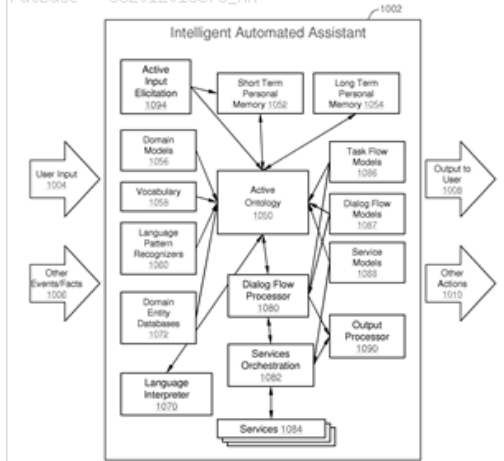
G06F G10L H04M (Subclass/Invention)

CPC: H04M1/6083 G06F3/0481 H04M1/72577 B60K2370/195 B60K2370/569 H04M1/72552 H04M1/72569 H04M2250/74 H04M1/6075 G06F3/16 G06Q10/00 G10L15/18 G01L15/00 G06F9/44 G06F16/00 G06F17/00 G06F17/20 G09B21/00 G10L15/00 G16Z99/00 G06F17/279 G06F17/28 G06F16/9537 G06F16/3329 G06F16/3344 G10L15/1822 G06F9/54 G10L15/1815 G10L15/26 G10L21/06 B60K35/00 G06F17/2765 G06F17/2785 G10L13/00 G10L13/02 G10L13/08 G10L15/183 G10L15/265 H04M1/6091 H04M1/72547 H04M1/72563 H04M1/72597 G06F3/167 G10L15/22 G10L2015/088 G10L2015/225 H04L67/12

European: G06F17/27S2 G06F17/30W1S G10L15/22

US: 1/1 704/260 704/270.1 704/270.100P 704/275 704/275P 704/E11.001 704/E11.001S 704/E21.001 704/E21.001S 715/728 715/765

PatBase - US2012016678_AA

**Family:**

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AU2011205426 AA	20110721	AU20110205426	20110111
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Priority:

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Probable Assignee: APPLE INC

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Assignee(s): CHEN HARRY ; APPLE INC CUPERTINO

Inventor(s): (std): DAG KITTLAUS ; MARCELLO BASTEA FORTE ; THOMAS ROBERT GRUBER ; CHEN HARRY ; ROBERT GRUBER THOMAS ; JOSEPH SADDLER HARRY ; DEAN BRIGHAM CHRISTOPHER ; RENE GUZZONI DIDIER ; DONALD GIULI RICHARD ; JOHN CHEYER ADAM ; GRUBER THOMAS ROBERT ; NAPOLITANO LIA T ; SUMNER BRIAN CONRAD ; GRUBER THOMAS R ; SCHUBERT EMILY CLARK ; VAROGLU DEVRIM ; CILI GENCER ; GRUBER THOMAS ROBERT ; GIULI RICHARD DONALD ; BASTEA FORTE MARCELLO ; SADDLER HARRY JOSEPH ; KITTLAUS DAG ; CHEYER ADAM JOHN ; BRIGHAM CHRISTOPHER DEAN ; GUZZONI DIDIER RENE ; SADDLER HARRY J ; HARRY J SADDLER ; SUMNER BRIAN CONRAD

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE 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

4) Family number: 41975744 (US2010097239A)

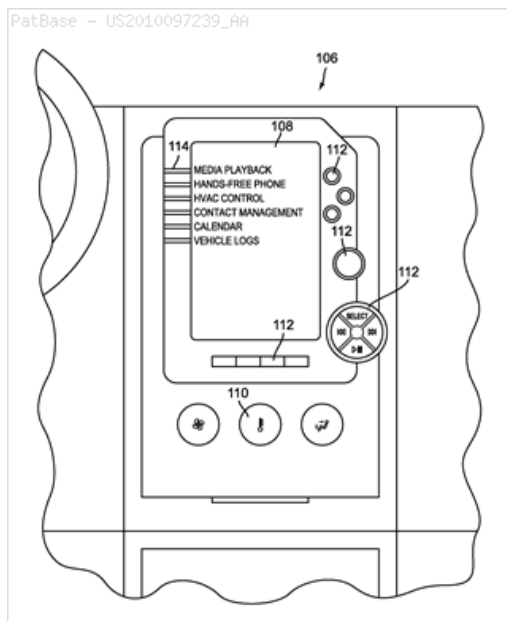
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Title: MOBILE DEVICE GATEWAY SYSTEMS AND METHODS

Abstract: A control system (106) for mounting to a vehicle (100) and for providing information to an occupant of the vehicle from a first source device (116) is provided. The vehicle includes an audio system (130) and/or a display system (100). The control system includes a first interface (120) for communicating with the first source device (116). The control system further includes a second interface for providing a signal to the audio system and/or the display system. The control system yet further includes a processor (122). A memory unit (122) is communicably connected to the processor and includes a first transport (2112) configured to send a control signal to the interface. The memory unit (132) further includes a first manager (2304) configured to receive a command from an application (2104) and to translate the command from the application (2104) into a command for the transport (2112).

Classifications:

International (IPC 8-9): B60R11/02 B60R16/02 B60R16/023 B60R16/037 G01C21/00 G01C21/26 G01C21/34 G01C21/36 G06F13/00 G06F17/30 G06F7/00 G08G1/0967 G08G1/0968 G10L15/00 G10L15/26 H04B1/18 H04B1/20 H04B1/38 H04L29/08 H04M1/00 H04M1/60 H04N5/64 H04N7/173 H04N7/18 H04W4/12 H04W4/14 H04W88/04 (Advanced/Invention); B60R11/00 B60R16/037 G01C21/36 H04L29/06 (Advanced/Non-invention); B60R11/02 B60R16/02 B60R16/023 B60R16/037 G01C21/00 G01C21/34 G06F17/30 G08G1/0962 G08G1/0968 H04B1/18 H04B1/20 H04M1/00 H04M1/60 H04N5/64 H04N7/173 H04W4/12 H04W88/00 (Core/Invention); B60R16/037 G01C21/34 (Core/Non-invention)
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US: 1/1 340/4.4 340/4.400P 340/825.25 348/836 348/837 348/837P 348/E5.128 348/E5.128S 455/152.1 455/152.100S 455/466 455/466S 455/563 455/569.2 455/569.200S 701/1 701/1S 701/201 701/201P 701/36 701/36S 701/533 701/533P 704/231 704/235 704/235P 704/E15.043 704/E15.043S 707/802 707/802S 707/E17.044 707/E17.044S



Family:

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EP2092275 A2	20090826	EP20070869539	20071219
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Priority:

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Probable Assignee: JOHNSON CONTROLS TECHNOLOGY CO

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Assignee(s): VISTEON GLOBAL TECHNOLOGIES INC ; VISTEON GLOBAL TECHNOLOGIES INC VAN BUREN TOWNSHIP ; JOHNSON CONTROLS TECHNOLOGY CO HOLLAND ; JOHNSON CONTROLS TECHNOLOGY CO ; JOHNSON CONTROLS TECHNOLOGY COMPANY

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

5) Family number: 30112969 (US2002197955A)

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Title: WIRELESS COMMUNICATIONS SYSTEM AND METHOD

Abstract: A system for communicating information facilitates wireless communication between electronic devices. The system includes a transceiver provided in a vehicle. The transceiver communicates with an electronic device located external to the transceiver using a Bluetooth communications standard.

Classifications:

International (IPC 8-9): B60R16/037 G01C21/00 G01C21/36 G06F17/00 G06K7/10 G07C5/00 G07C5/08 G07C9/00 G08B29/00 G08C17/02 G10L15/26 H04B1/38 H04B1/3822 H04B7/00 H04B7/26 H04L12/56 H04L29/06 H04L29/08 H04M1/00 H04M1/60 H04W4/00 H04W4/04 H04W84/18 (Advanced/Invention); G10L15/02 H04L29/08 H04M1/60 H04W84/00 H04W84/18 H04W88/04 H04W88/06 (Advanced/Non-invention); B60R16/037 G01C21/00 G01C21/34 G06F17/00 G07C5/00 G10L15/00 H04B1/38 H04B7/00 H04B7/26 H04L12/56 H04L29/06 H04L29/08 H04M1/00 H04M1/60 (Core/Invention); H04L29/08 (Core/Non-invention); H04L (Subclass/Invention)

International (IPC 1-7): G01C21/26 G07C5/00 G07C9/00 H04B1/38 H04B5/00 H04B7/00 H04B7/26 H04L12/56 H04M1/00 H04Q7/20

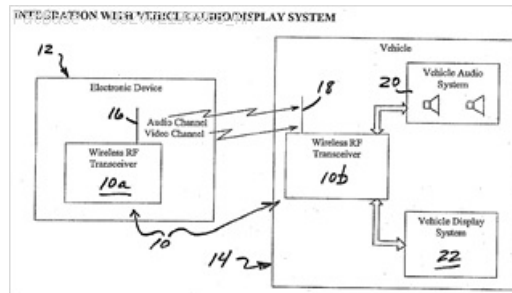
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European: G01C21/36 G01C21/36D1 G07C5/00T G07C5/08R2B G10L15/26A H04B7/26B4 H04L12/66 H04L29/06 H04L29/08N11 H04L29/08N13 H04M1/60T2C2A H04W2/025 H04W204/04 H04W284/18 H04W35/022 H04W4/04 H04W50/08 H04W84/18 T04L29/08A7 T04M1/60T2 T04M250/02 T04W284/18 T04W288/04 T04W288/06 T04W50/08 T04W52/023 T04W52/027 T04W84/00 T04W84/00M T04W84/18 T04W88/02 T04W88/04 T04W88/06

US: 1/1 340/10.1 340/12.5 340/13.21 340/5.1 340/5.100S 340/5.61 340/5.71 340/5.710P 340/815.69 340/815.71 340/825.69 340/825.71 340/825.72 340/852.71 455/39 455/41 455/41.1 455/41.100P 455/41.2 455/41.200P 455/41.200S 455/41.3 455/41.300S 455/412.1 455/412.100S 455/414.1 455/414.100S 455/419 455/420 455/456.6 455/456.600P 455/466 455/466S 455/550.1 455/550.100P 455/556.1 455/556.2 455/556.200P 455/563 455/563P 455/569.1 455/569.2 455/569.200P 455/575.9 455/575.900S 455/66.1 455/66.100S 455/90.2 455/90.200S 701/200 701/200P 701/214 701/214S 701/472 701/472S 701/49 701/49P 704/E15.045 704/E15.045S

Family:

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DE60047204 D1	20120719	DE20006047204	20000526
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EP1246414 A3	20031015	EP20020076747	20000526
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EP1852836 A2	20071107	EP20070013479	20000526
EP1852836 A3	20110330	EP20070013479	20000526
US2002197955 AA	20021226	US20020127982	20020423
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US2014184393 AA	20140703	US20130140173	20131224
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US7257426 BA	20070814	US20000979199	20000526
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WO04077721 A3	20050224	WO2004US04566	20040217
WO08030952 A2	20080313	WO2007US77750	20070906
WO08030952 A3	20080605	WO2007US77750	20070906

Priority:

US19990135979	19990526	US19990135979	19990526	EP20000939377	20000526
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Probable Assignee: JOHNSON CONTROLS TECHNOLOGY CO

Assignee(s): (std): BUEGE ROBERT F ; DOUTHITT BRIAN L ; DYKEMA KURT A ; GEERLINGS STEVEN L ; JOHNSON CONTROLS INTERIORS TEC ; JOHNSON CONTROLS TECH CO ; WITKOWSKI TODD R ; ZEINSTRA MARK L ; SIMS MICHAEL J ; VISTEON GLOBAL TECH INC

Assignee(s): JOHNSON CONTROLS TECHNOLOGY CO HOLLAND ; VISTEON GLOBAL TECHNOLOGIES INC ; JOHNSON CONTROLS TECHNOLOGY COMPANY ; JOHNSON CONTROLS TECHNOLOGY CO ; JOHNSON CONTROLS TECHNOLOGY CO ; JOHNSON CONTROLS INTERIORS TECHNOLOGY CORP ; JOHNSON CONTROLS AND TECHNOLOGY CO

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

6) Family number: 33109900 (US2006167530A)

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Title: PATIENT TRAINING ROUTINE FOR BIOLOGICAL INTERFACE SYSTEM

Abstract: Various embodiments of a biological interface system and related methods are disclosed. The system may comprise a sensor comprising a plurality of electrodes for detecting multicellular signals emanating from one or more living cells of a patient and a processing unit configured to receive the multicellular signals from the sensor and process the multicellular signals to produce a processed signal. The processing unit may be configured to transmit the processed signal to a controlled device that is configured to receive the processed signal. The system is configured to perform an integrated patient training routine to generate one or more system configuration parameters that are used by the processing unit to produce the processed signal.

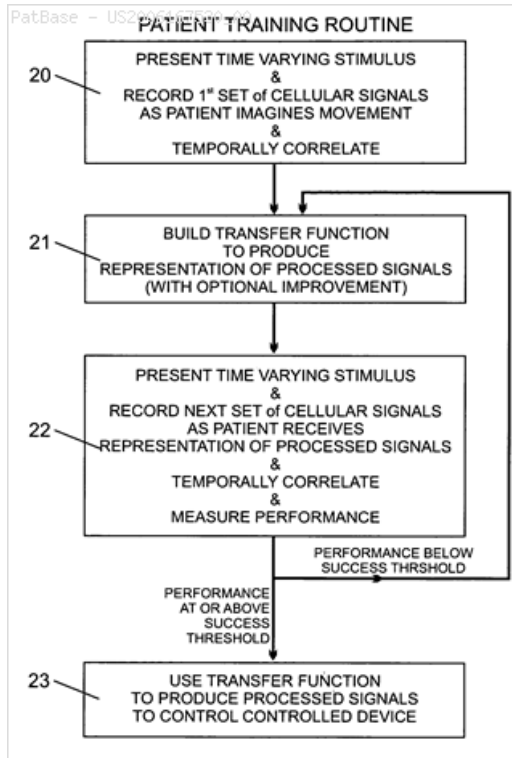
Classifications:

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G06F3/00 (Advanced/Invention);
A61B5/00 A61B5/04 A61B5/0476 A61B5/0488 A61N1/18 A61N1/36
G06F3/00 (Core/Invention)

CPC: A61B5/04001 A61B5/0482 G06F3/015

European: A61B5/0482 A61B5/04B G06F3/00B8N G06F3/01B8

US: 600/544 600/545 607/48 607/62 607/62P



Family:

Publication number	Publication date	Application number	Application date
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US2007032738 AA	20070208	US20050315226	20051223
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Priority:

US20050642021P 20050106 US20050315225 20051223 US20050315226 20051223
 US20050315254 20051223

Probable Assignee: CYBERKINETICS NEUROTECHNOLOGY SYSTEMS INC

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

7) Family number: 34969847 (US2007182812A)

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Title: PANORAMIC IMAGE-BASED VIRTUAL REALITY/TELEPRESENCE AUDIO-VISUAL SYSTEM AND METHOD

Abstract: A panoramic system comprises means for obtaining a panoramic image, and means for displaying the panoramic image.

Classifications:

International (IPC 8-9): A61B5/00 A61B5/04 A61B5/0476

A61B5/055 A61B5/11 A61B6/00 G02B27/00 G02B27/01 G03B37/00 G05D1/00 G06F1/16 G06F13/00 G06F15/18 G06F17/30 G06F19/00 G06F3/01 G06F3/038 G06N3/08 G06N99/00 G06T11/60 G10L15/22 G10L15/26 H04N21/43 H04N5/225 H04N5/232 H04N5/247 H04N5/335 H04N5/93 H04N7/00 H04N7/14 H04N7/15 H04N7/18 (Advanced/Invention);

A61B5/00 G01R33/48 G02B13/06 G02B15/10

G02B27/01 (Advanced/Non-invention);

H04N7/00 (Core/Invention)

CPC: G06F3/038 H04N5/335 H04N7/18 A61B5/745 G02B13/06

G02B15/10 G03B37/00 G06N3/08 H04N5/93 A61B5/0022

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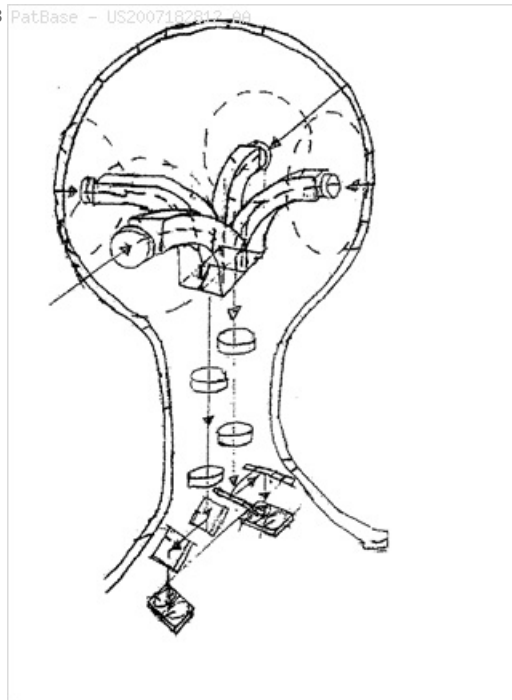
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G02B27/0093 G02B27/0172 G02B27/0176 G02B27/0179
G02B2027/0178 G06F3/013 G06F3/015 G10L15/265 H04N7/15
European: H04N21/43S1 H04N5/225C4 H04N5/225V H04N5/232M
H04N7/14A2 T04N7/14A2H
US: 1/1 345/207 348/14.01 348/14.010S 348/14.02 348/14.020P
348/14.03 348/14.08 348/36 348/36P 348/36S 348/77 348/E5.028
348/E5.03 348/E5.091 348/E50.28S 348/E50.30S 348/E7.001
348/E7.078 348/E7.085 348/E70.01S 348/E70.78S 386/248 600/544
706/12 706/25 707/769



Family:

Publication number	Publication date	Application number	Application date
US2007182812 AA	20070809	US20050131647	20050518
US2008024594 AA	20080131	US20070830637	20070730
US2012113209 AA	20120510	US20110294986	20111111
US2013063550 AA	20130314	US20120507190	20120611
US2015324692 AA	20151112	US20150788437	20150630
US2016255305 AA	20160901	US20160152214	20160511
US2017061034 AA	20170302	US20160258336	20160907
US9101279 BB	20150811	US20120507190	20120611
US9344612 BB	20160517	US20110294986	20111111
US9451899 BB	20160927	US20150788437	20150630
US10447966 BB	20191015	US20160152214	20160511

Priority:

US20040572408P	20040519	US20050131647	20050518	US20060354779	20060215
US20070830637	20070730	US20080266308	20081106	US20110520375P	20110609
US20110294986	20111111	US20120507190	20120611	US20130788437	20130307
US20150788437	20150630	US20160152214	20160511	US20160258336	20160907

Probable Assignee: VIRTUAL VIDEO REALITY BY RITCHEY LLC

Assignee(s): (std): RITCHEY KENNETH IRA ; RITCHEY KURTIS J ; RITCHEY KURTIS JOHN ; VIRTUAL VIDEO REALITY BY RITCHEY LLC

Inventor(s): (std): RITCHEY KURTIS J ; RITCHEY KENNETH IRA ; RITCHEY KURTIS JOHN

Inventor(s): RITCHEY KURTIS

Agent(s): CARDINAL LAW GROUP; HOVEY WILLIAMS LLP

8) Family number: 74688071 (US2019176752A)

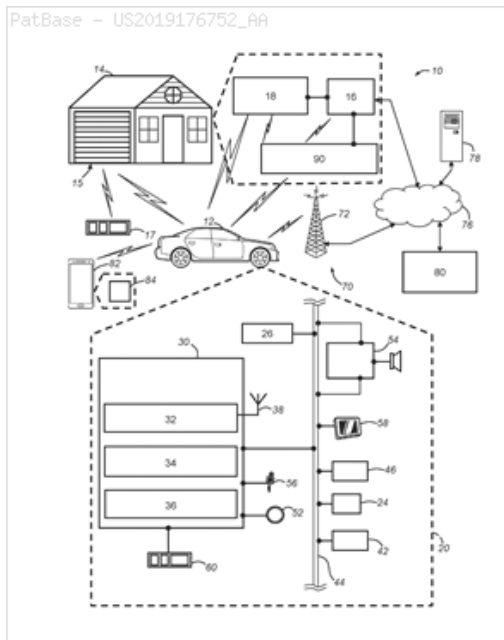
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Title: VEHICLE REMOTE START FUNCTIONALITY

Abstract: A system and method of method of operating a vehicle using wireless communications, the method including: receiving a remote vehicle ignition start request via a wireless signal, wherein the remote vehicle ignition start request is a request to start an ignition of the vehicle; when the remote vehicle ignition start request is received, obtaining vehicle state information including a vehicle operating state and/or a vehicle environmental state; in response to receiving the remote vehicle ignition start request, selecting one or more remote start operating parameters based at least partly on the obtained vehicle state information; and after determining the one or more selected remote start operating parameters, carrying out the remote command request according to the one or more selected remote start operating parameters.

Classifications:

International (IPC 8-9): B60R25/00 B60R25/01 B60R25/20
B60W50/00 G08C17/02 H04L12/28 (Advanced/Invention)
CPC: B60R16/0237 B60R25/209 B60R25/24 B60R25/33 E05F15/668
E05F15/73 E05F15/77 E05Y2400/66 E05Y2900/106 B60R25/01
B60R2325/105 B60R2325/207 H04L12/2814
US: 1/1

**Family:**

Publication number	Publication date	Application number	Application date
■ CN109910906 A	20190621	CN201811413908	20181126
■ DE102018131985 A1	20190613	DE201810131985	20181212
■ US2019176752 AA	20190613	US20170840734	20171213

Priority:

US20170840734 20171213

Probable Assignee: GEN MOTORS LLC**Assignee(s):** (std): GEN MOTORS LLC**Assignee(s):** GENERAL MOTORS LLC**Inventor(s):** (std): OLEJNICZAK RYAN ; CERMAK ALEXANDER X ; CAMACHO ESTEBAN ; HAASE JEFFREY J**9) Family number: 27905824 (US2003001742A)**

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Title: ELECTRONIC ASSISTANT INCORPORATED IN PERSONAL OBJECTS

Abstract: An electronic assistant, incorporates electronic functions in a personal object that the user finds indispensable. Examples of personal objects include a cane, a walking stick, a walker, a wheelchair, a personal transportation vehicle, a purse, a key holder, a watch, a pendant, a hearing aid, an eyeglass frame, or a crutch. Electronics may include a PDA, a cell phone, a navigation module, a biosensor module, and an emergency alert module. The navigation module might include a GPS, an altimeter, an electronic compass, and/or a stored map. Biosensors may be directly incorporated into the personal device or communicate with a receiver therein if the biosensor is required to be attached directly to the user's body or surgically implanted. The emergency alert module may include an emergency button, and an emergency notification sequence stored in the electronic assistant capable of calling for assistance through the cell phone.

Classifications:

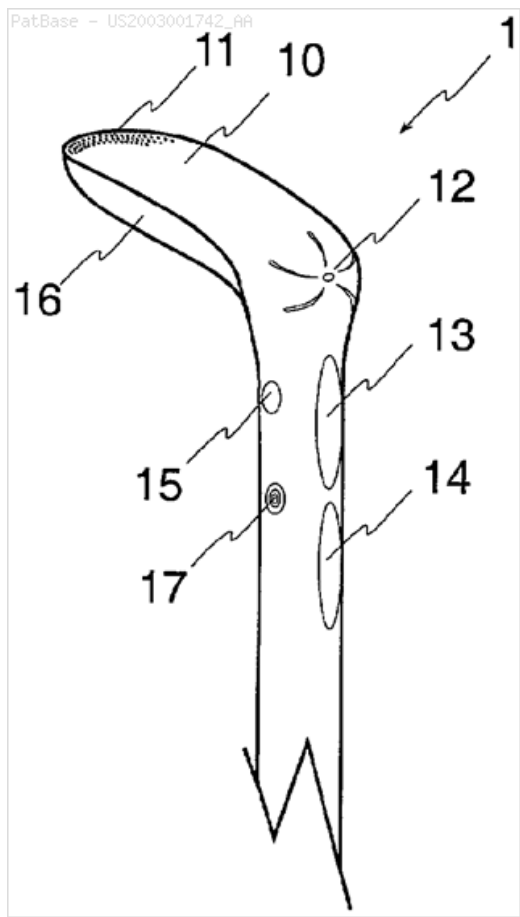
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International (IPC 1-7): A45B3/00 A61H3/04 G06F1/00 G06F1/16 G08B23/00 G08B25/04 G08B25/10

CPC: A61B2503/08 A61B5/6887 A61B5/0002 A61B5/1112 A61B2560/0462 A61H3/00 A45B3/00 A45B3/04 A45C11/321

European: A61B5/00B A61B5/11M A61B5/68F A61H3/00 K61B560/04L

US: 340/539.1 340/539.11 340/539.12 340/539.13 340/573.1 340/573.100P 340/693.5 340/693.500S 340/693.9 340/693.900S 379/38 379/40 379/45 379/51 455/100 600/301



Family:

Publication number	Publication date	Application number	Application date
CN1522394 A	20040818	CN20028013156	20020620
EP1405149 A2	20040407	EP20020738486	20020620
JP2005500598 T2	20050106	JP20030511076T	20020620
KR20030029898 A	20030416	KR20037003090	20020620
US2003001742 AA	20030102	US20010895146	20010630
US6774795 BB	20040810	US20010895146	20010630
WO03005173 A2	20030116	WO2002IB02390	20020620
WO03005173 A3	20030501	WO2002IB02390	20020620

Priority:

US20010895146 20010630 WO2002IB02390 20020620

Probable Assignee: PHILIPS ELECTRONICS KONINKLL NV

Assignee(s): (std): KONINK PHILIPS ELECTRONCS N V ; KONINKL PHILIPS ELECTRONCS NV

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

Inventor(s): (std): ESHELMAN LARRY J ; GUTTA SRINIVAS ; STRUBBE HUGO J ; ESHELMAN LARRY ; GUTTA SRINIVAS V R ; MILANSKI JOHN ; MILANSKI JOHN GUTTA SRINIVAS S

Inventor(s): GUTTA SRINIVAS V ; MILANSKI JOHN GUTTA SRINIVAS STRUBBE HUGO J ESHELM ; MILANSKI JOHN GUTTA SRINIVAS STRUBBE HUGO J

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

10) Family number: 32650446 (US2006049957A)

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Title: BIOLOGICAL INTERFACE SYSTEMS WITH CONTROLLED DEVICE SELECTOR AND RELATED METHODS

Abstract: Various embodiments of a biological interface system and their related methods are disclosed. A biological interface system may include a sensor including a plurality of electrodes configured to detect multicellular signals emanating from one or more living cells of a patient and a processing unit configured to receive the multicellular signals from the sensor and to process the multicellular signals to produce processed signals. The system may also include a plurality of controlled devices each configured to receive the processed signals. The plurality of controlled devices include at least a first controlled device and a second controlled device. The system may include a selector module usable by an operator and being configured to select which of the first and second controlled devices is to be controlled by the processed signals.

Classifications:

International (IPC 8-9): A61B5/04 A61B5/05 G06F17/00

G09B21/00 (Advanced/Invention);

A61B5/04 A61B5/05 G06F17/00 G09B21/00 (Core/Invention)

CPC: G09B21/00 A61B5/0017 A61B5/0031 A61B5/04001

A61B5/0476 A61B5/0478 A61B5/0488 A61B5/0496 A61B2560/0219

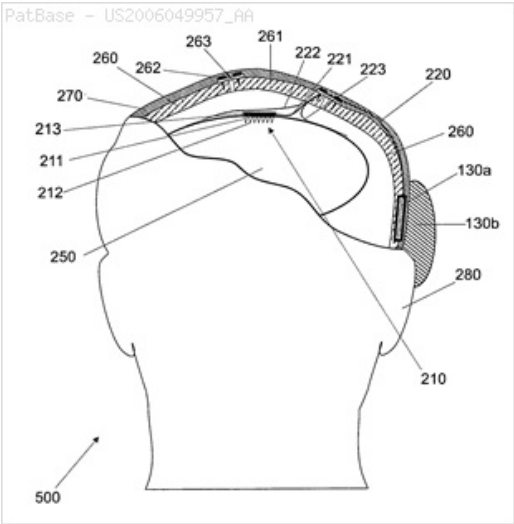
A61B2560/0271 A61N1/08 A61N1/36003 A61N1/36082 A61N1/361

G16H40/40 G16H40/63

European: A61B5/00B8 A61B5/00B9 A61B5/0478 A61B5/04B

A61N1/08 A61N1/36Z A61N1/36Z3E A61N1/36Z3F G06F19/34A

G09B21/00 K61B5/00B5B K61B5/0476 K61B5/0488 K61B5/0496



Family:

Publication number	Publication date	Application number	Application date
US2006049957 AA	20060309	US20050201287	20050811
US2006058627 AA	20060316	US20050201283	20050811
WO06020794 A2	20060223	WO2005US28609	20050812
WO06020794 A3	20060615	WO2005US28609	20050812

Priority:

US20040601400P 20040813 US20050201283 20050811 US20050201287 20050811

Probable Assignee: BRAINGATE CO LLC

Assignee(s): (std): CYBERKINETICS NEUROTECHNOLOGY ; DONOGHUE JOHN P ; FLAHERTY J C ; SURGENOR TIMOTHY R ; SERRUYA MIJAIL D ; FLAHERTY J CHRISTOPHER

Assignee(s): CYBERKINETICS NEUROTECHNOLOGY SYSTEMS INC ; BRAINGATE CO ; BRAINGATE CO LLC

Inventor(s): (std): SURGENOR TIMOTHY R ; DONOGHUE JOHN P ; SERRUYA MIJAIL D ; FLAHERTY J CHRISTOPHER ; FLAHERTY J C

Inventor(s): DONOGHUE JOHN ; FLAHERTY J ; SURGENOR TIMOTHY ; SERRUYA MIJAIL

Agent(s): LESLIE I BOOKOFF FINNEGAN HENDERSON FARABOW

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

11) Family number: 32840353 (US2006173259A)

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Title: BIOLOGICAL INTERFACE SYSTEM

Abstract: A system and method for an improved biological interface system that processes multicellular signals of a patient and controls one or more devices is disclosed. The system includes a sensor that detects the multicellular signals and a processing unit for producing the control signal based on the multicellular signals. The system may include improved communication, self-diagnostics, and surgical insertion tools.

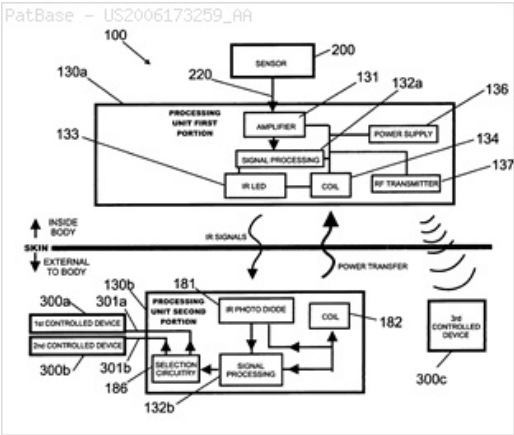
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CPC: A61B5/685 A61B5/0031 A61B5/04001 A61B2562/046 A61N1/0531 A61N1/08 A61N1/36003

European: A61B5/00B8 A61B5/00B9 A61B5/04B A61B5/68D1D A61N1/08 K61B562/02B K61B562/04D K61N1/05K1C K61N1/36A

US: 600/331 600/331P 600/372 600/373 601/1 601/115 601/116 601/2



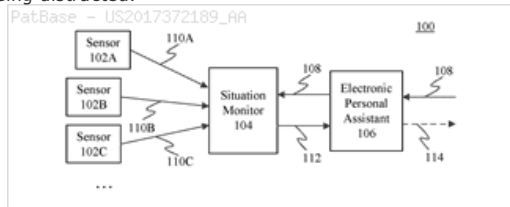
Family:

Publication number	Publication date	Application number	Application date
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US2006173259 AA	20060803	US20050240652	20051003
US8560041 BB	20131015	US20050240652	20051003
WO06041738 A2	20060420	WO2005US35334	20051003
WO06041738 A3	20060803	WO2005US35334	20051003

Priority:

Probable Assignee: CYBERKINETICS NEUROTECHNOLOGY SYSTEMS INC**Assignee(s):** (std): FLAHERTY J CHRISTOPHER ; DONOGHUE JOHN PHILLIP ; DECARIA CHRISTINE ; HARVEY NEPHI ; MISENER ANTHONY K ; GUILLORY K SHANE ; JOSEPH JON P ; FLAHERTY J C ; DONOGHUE JOHN P ; GUILLORY K S ; VAN WAGENEN RICHARD A ; SMITH CHRISTOPHER ; PUNGOR ANDRAS ; BRAINGATE CO LLC ; BRANNER ALMUT ; CYBERKINETICS NEUROTECHNOLOGY ; BARRETT BURKE T**Assignee(s):** BRAINGATE CO ; CYBERKINETICS NEUROTECHNOLOGY SYSTEMS INC ; FLAHERTY J ; GUILLORY K**Inventor(s):** (std): FLAHERTY J CHRISTOPHER ; BARRETT BURKE T ; DONOGHUE JOHN PHILLIP ; VAN WAGENEN RICHARD A ; SMITH CHRISTOPHER ; PUNGOR ANDRAS ; DECARIA CHRISTINE ; BRANNER ALMUT ; HARVEY NEPHI ; MISENER ANTHONY K ; GUILLORY K SHANE ; JOSEPH JON P ; FLAHERTY J C ; DONOGHUE JOHN P ; GUILLORY K S**Inventor(s):** BARRETT BURKE ; DONOGHUE JOHN ; JOSEPH JON ; MISENER ANTHONY ; VAN WAGENEN RICHARD ; FLAHERTY J ; GUILLORY K**Agent(s):** FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; SOCAL IP LAW GROUP LLP; M KALA; STEVEN C**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**12) Family number: 68007530 (US2017372189A)**

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Title: SITUATION AWARE PERSONAL ASSISTANT**Abstract:** Methods, systems, apparatuses, and computer program products are provided for altering the behavior of an electronic personal assistant based on a situation associated with a mobile device. A situation is sensed with a plurality of sensors to generate sensor data. A situation score is calculated based on the sensor data. Behavior of an electronic personal assistant is altered based on the calculated situation score. In one aspect, the situation is a driving situation in which a driver drives a vehicle on a roadway. In such case, a driving situation score is calculated based on the sensor data, and behavior of the electronic personal assistant is altered based on the calculated driving situation score, such as suspending interactions by the electronic personal assistant with the driver to avoid the driver being distracted.**Classifications:****International (IPC 8-9):** B60W30/08 B60W40/06 B60W50/00 G01C21/26 G06F3/01 G06F3/0481 G06F3/0487 G06F3/16 G06N G06N3/00 G08G1/0968 G08G1/16 H04M1/00 H04M1/725 H04W48/04 (Advanced/Invention); G06N (Subclass/Invention)**International (IPC 1-7):** H04M1/725**CPC:** B60K2370/193 B60K2370/736 B60W30/08 B60W50/0098 H04M1/72569 H04M1/72577 B60W40/06 G06N3/006 B60W2520/105 B60W2540/22 B60W2550/10 B60W2550/12**US:** 1/1 706/11**Family:**

Publication number	Publication date	Application number	Application date
AU2017281436 AA	20181122	AU20170281436	20170620
BR112018074326 A2	20190716	BR20181174326	20170620
CA3023275 AA	20181105	CA20173023275	20170620
CL2018003615 A1	20190322	CL20180003615	20181214
CN109328155 A	20190212	CN201780037727	20170620
CO20180013675 A2	20181228	CO20180013675	20181217
EP3475136 A1	20190501	EP20170735284	20170620
ID201900112 A	20190111	ID2018P0010776	20170620
IL263759 A0	20190131	IL20170263759	20170620
IN201817045856 A	20190201	IN201817045856	20181204
JP2019527387 T2	20190926	JP20180559276T	20170620
KR20190022553 A	20190306	KR20187037304	20170620
MX2018015623 A1	20190306	MX20180015623	20170620
SG11201810890R A1	20190130	SG20181110890	20170620
US2017372189 AA	20171228	US20160192880	20160624
US10474946 BB	20191112	US20160192880	20160624
WO17223013 A1	20171228	WO2017US38213	20170620

Priority:

US20160192880 20160624 WO2017US38213 20170620

Probable Assignee: MICROSOFT CORP**Assignee(s):** (std): MICROSOFT CORP ; MICROSOFT TECH LICENSING LLC ; MICROSOFT TECHNOLOGY LICENSING LLC**Assignee(s):** ELABBADY TAREK Z ; HABIB MONA SOLIMAN ; JOO TAE HONG**Inventor(s):** (std): JOO TAE HONG ; ELABBADY TAREK Z ; HABIB MONA SOLIMAN ; MONA SOLIMAN HABIB ; TAE HONG JOO ; TAREK Z ELABBADY**Agent(s):** DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; ESTUDIO VILLASECA Y CIA; CMS CAMERON MCKENNA NABARRO OLSWANG LLP; LANNY SETIAWAN MBA MGMT MA LPC MA LMFT; FIALA AND WEAVER PLLC; MINHAS SANDIP 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 DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC 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

Title: MEGA COMMUNICATION AND MEDIA APPARATUS CONFIGURED TO PROVIDE FASTER DATA TRANSMISSION SPEED AND TO GENERATE ELECTRICAL ENERGY

Abstract: Disclosed embodiments comprise communication apparatus operatively configured with CMOS multiple antennas disposed on a chip for boosting communication signals to and for enabling faster data transmission speed and to provide interactive user interface. The communication apparatus is further configured to convert sound waves, vibrations, solar energy, wind force and pressure force into electrical energy communicable to a battery cell. Disclosed embodiment encompasses three modes of communications-the Cell phone, wireless Internet applications, and Global communication and media information. Embodiments provide communication apparatus operable to enhance mobile communication efficiency with touch sensitive display and provide energy harvesting platform on at least the housing for the apparatus and/or the circuit board configured with memories, processors, and modules. Embodiments provide advanced computing and media applications, including in-vehicle interactive communications and wireless Internet applications. Embodiments further provide a gaming device, a wireless media device configured with touch pads comprising sensors being embedded in silicon substrate and fused in micro fiber material having excellent electrical characteristics. Certain embodiments provide communication apparatus configured for voice enabled applications comprising human voice auditory operable to convert text into voice auditory and/or voice auditory into text applications.

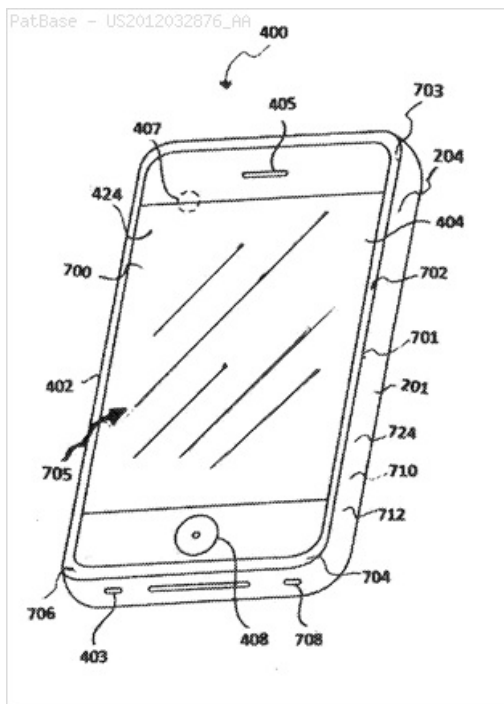
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International (IPC 8-9): G09G5/00 H01Q1/22 H01Q1/24 H01Q11/12 H01Q21/28 H04B1/3827 H04M1/00 H04M1/02 H04M1/60 H04M1/725 H04W52/04 H04W88/02 (Advanced/Invention); H04B1/3827 H04W88/02 (Advanced/Non-invention)

CPC: H01Q1/2283 H01Q1/243 H01Q1/245 H01Q21/28 H04W88/02 H04M1/0202 H04B1/3838 H04M1/00 H04M1/0214 H04M1/0235 H04M1/6083 H04M1/72522 H04M1/72536 H04M1/72558 H04M2250/10 H04M2250/12 H04M2250/22 H04W52/04 Y02D70/1224 Y02D70/1242 Y02D70/142 Y02D70/144 Y02D70/146 Y02D70/164 Y02D70/166 Y02D70/168 Y02D70/23 Y02D70/26 Y02D70/40 Y02D70/1262

European: H04B1/38P2E H04M1/02A H04M1/60T2C2 H04M1/725F1 T04B1/38P2E T04M1/02A2B4 T04M1/02A2B8 T04M1/725F1E T04M1/725F1P T04M250/10 T04M250/12 T04M250/22 T04W88/02

US: 1/1 345/156 345/156P 455/127.1 455/127.100S 455/550.1 455/550.100S 455/566 455/566P 455/571 455/571S 455/572 455/572S



Family:

Publication number	Publication date	Application number	Application date
US2012032876 AA	20120209	US20100910833	20101024
US2012034954 AA	20120209	US20100852481	20100807
US9130651 BB	20150908	US20100910833	20101024
US9237211 BB	20160112	US20100852481	20100807

Priority:

US20100852481 20100807 US20100910833 20101024

Probable Assignee: TABE JOSEPH AKWO

Assignee(s): (std): TABE JOSEPH AKWO

Inventor(s): (std): TABE JOSEPH AKWO

Agent(s): JOSEPH

Title: Mobile personal security eyewitness device

Abstract: A cellular handheld mobile communications device and external data storage system, intended to enhance personal safety and security, acting as an electronic eyewitness, helping to deter criminal activity and to reduce the incidence of crime. Where crime is committed, the invention assists authorities and security services in obtaining evidence linking the identities of criminals to their crimes. The areas involved include 3G wireless electronic mobile communications, cellular telecommunication networks and infrastructure, data networks and data storage, electronic and wireless protocols, digital camera devices, storage of digital data, hybrid positioning (AFLT and Wireless A-GPS) technologies, odour and chemical profiling, electronic sensors, burglar alarms, personal and public safety, crime prevention and detection. The invention is a collaborative approach to these areas, providing a means of reducing the incidence of intimidation, bullying and victimisation, and particularly crimes of violence against individuals or crimes which can lead to violence. The invention additionally provides a means of reducing property theft and mobile phone theft.

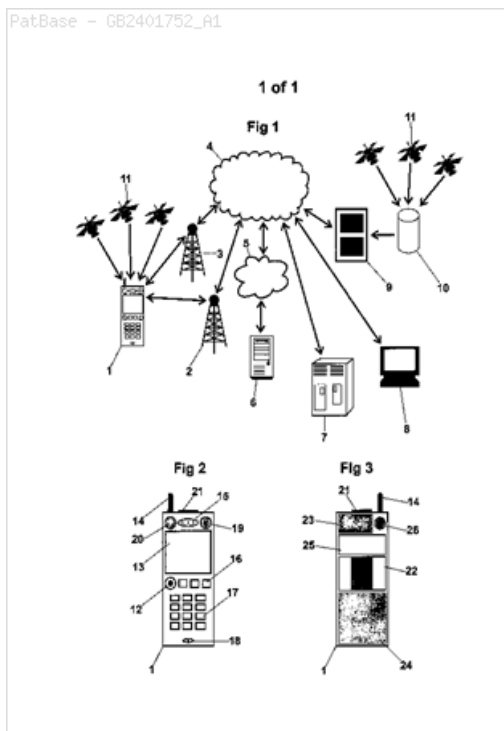
Classifications:

International (IPC 8-9): H04M1/725 H04M11/04 (Advanced/Invention); H04M1/72 H04M11/04 (Core/Invention)

International (IPC 1-7): H04M11/04

CPC: H04M1/72538 H04M11/04

European: H04M1/725F1E2 H04M11/04

**Family:**

Publication number	Publication date	Application number	Application date
GB200310885 A0	20030618	GB20030010885	20030513
GB200312170 A0	20030702	GB20030012170	20030528
GB2401752 A1	20041117	GB20030012170	20030528

Priority:

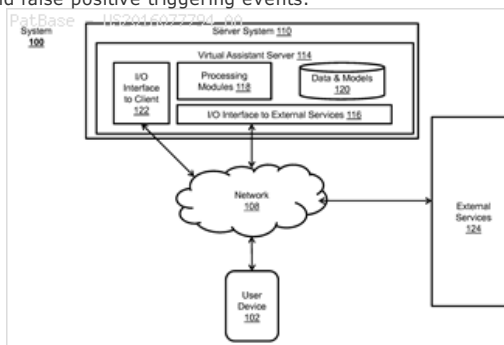
GB20030010885 20030513

Probable Assignee: WALKER GUY F H**Assignee(s):** (std): WALKER GUY F H ; WALKER GUY FRANK HOWARD**Assignee(s):** GUY FRANK HOWARD WALKER**Inventor(s):** (std): WALKER GUY FRANK HOWARD**Inventor(s):** GUY FRANK HOWARD WALKER**15) Family number: 61862705 (US2016077794A)**

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Title: DYNAMIC THRESHOLDS FOR ALWAYS LISTENING SPEECH TRIGGER

Abstract: Systems and processes are disclosed for dynamically adjusting a speech trigger threshold, which can be used in triggering a virtual assistant. Audio input can be received via a microphone. The received audio input can be sampled, and a confidence level can be determined of whether the sampled audio input includes a portion of a spoken trigger. In response to the confidence level exceeding a threshold, a virtual assistant can be triggered to receive a user command from the audio input. The threshold can be dynamically adjusted in response to perceived events (e.g., events indicating a user may be more or less likely to initiate speech interactions, events indicating a trigger may be difficult to detect, events indicating a trigger was missed, etc.), thereby minimizing both missed triggers and false positive triggering events.

Classifications:**International (IPC 8-9):** G06F3/01 G06F3/16 G10L15/10 G10L15/20 G10L15/22 G10L15/28 H04M1/00 (Advanced/Invention)**CPC:** G06F3/165 G06F3/167 G10L15/20 G10L15/22 G10L2015/223**US:** 704/275**Family:**

Publication number	Publication date	Application number	Application date
AU2015315702 AA	20170316	AU20150315702	20150827
AU2018241137 AA	20181025	AU20180241137	20181004
CN106796497 A	20170531	CN201580046300	20150827
EP3192072 A1	20170719	EP20150762859	20150827
JP2017537361 T2	20171214	JP20170508516T	20150827
JP2019091472 A2	20190613	JP20190002069	20190109
JP6466565 B2	20190206	JP20170508516T	20150827
TW201629750 A	20160816	TW20150128530	20150828

 TWI603258 B	20171021	TW20150128530	20150828
 US2016077794 AA	20160317	US20150834194	20150824
 WO16039992 A1	20160317	WO2015US47064	20150827

Priority:

US20140049917P	20140912	US20150834194	20150824	AU20150315702	20150827
JP20170508516T	20150827	WO2015US47064	20150827	AU20180241137	20181004
JP20190002069	20190109				

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