



New connection on: : 03-04-2018 : 01:57:23 - Last disconnection on: : 02-04-2018 : 18:13:35

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 7] ..fi EPODOC

Database: EPODOC

[EPODOC: SS 7] Network+ AND connect+ AND graph+ AND display AND user AND interface

Results in EPODOC 460

[SS 8] ..v

[EPODOC: SS 8] ..li



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PN - [US9892453](#) B1 20180213

PR - US201615334401 20161026

AP - US201615334401 20161026

DT - *: Rep

CT - || STSE (B1)
[US8694522](#) B1 20140408 [] (PANCE ALEKSANDER [US]);
[US9251395](#) B1 20160202 [] (BOTCHEN RALF [BR]);
[US2003023598](#) A1 20030130 [] (JANAKIRAMAN JANANI [US], et al);
[US2007019261](#) A1 20070125 [] (CHU YU-CHUNG [US]);
[US2007159522](#) A1 20070712 [] (NEVEN HARMUT [US]);
[US2007172155](#) A1 20070726 [] (GUCKENBERGER ELIZABETH [US]);
[US2009123090](#) A1 20090514 [] (LI LI [US], et al);
[US2009228373](#) A1 20090910 [] (KNIGHTON MARK S [US], et al);
[US2010228558](#) A1 20100909 [] (CORCORAN SEAN D [US], et al);
[US2011082915](#) A1 20110407 [] (CARR DEREK W [US], et al);
[US2012229909](#) A1 20120913 [] (CLAVIN JOHN [US], et al);
[US2013227603](#) A1 20130829 [] (BOSWORTH ANDREW GARROD [US], et al);
[US2014250128](#) A1 20140904 [] (AKIN JEREMIAH JOSEPH [US], et al);
[US2014279068](#) A1 20140918 [] (SYSTROM KEVIN [US], et al);
[US2014358679](#) A1 20141204 [] (LEVINSON RON [IL]);
[US2014372228](#) A1 20141218 [] (PAZ-PUJALT GUSTAVO R [US]);
[US2015006301](#) A1 20150101 [] (MCMILLION JOHN BENJAMIN [US]);
[US2015142585](#) A1 20150521 [] (SCALISE PETER [US]);
[US2015193829](#) A1 20150709 [] (MUKHERJEE PARTHA SARATHI [US]);
[US2015363660](#) A1 20151217 [] (VIDAL ANDRE [GB], et al);
[US2016092732](#) A1 20160331 [] (BLACK GLENN [US]);
[US2016098783](#) A1 20160407 [] (MARGALIT ASSAF [IL]);
[US2016203143](#) A1 20160714 [] (KRITT BARRY ALAN [US], et al)

CTNP - || STSE (B1)
[] - ASAP54.com, London, Bianca, "Want what that stylish girl on the street is wearing? There's an app for that! 'Shazam of fashion finds clothes in a flash— and Cara Delevingne is a fan", The Daily Mail, dated Mar. 19, 2014 (Year: 2014).

CCI - [G06Q30/0643](#) ; [G06Q50/01](#)

CUI - [H04L41/5009](#) ; [H04L51/32](#) ; [H04L67/306](#) ; [G06F17/30864](#) ; [H04L67/10](#) ; [G06F17/30265](#)

CUA - [H04L67/42](#) ; [H04L67/02](#)

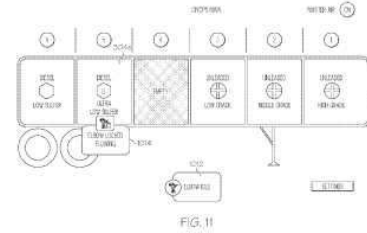
PA - IBM [US]

TI - Automated product modeling from social **network** contacts

AB - Aspects provide for automated modeling of products with **user** social **network** contacts. In response to a **user** selecting via a **graphical user interface** input a product that is offered in a **graphic display** device view of an electronic commerce web site, aspects search a social **network** service for pictures that visually depict social **network connections** of the **user** in association with the selected product. Aspects thus refresh the **graphic display** device to **display** an information page of the electronic commerce web site that provides information regarding the selected product, and an inset picture that depicts a social **network connection** of the **user** in association with the selected product, wherein the inset picture is returned in satisfaction of the searching of the social **network connections** of the **user**.

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PN - [MX2017005912](#) A 20171128
 PR - US201462076533P 20141107; US201514922646 20151026; WO2015US57987 20151029
 AP - MX20170005912 20151029
 DT - I
 CCI - [B67D7/04](#) ; [B67D7/342](#) ; [B67D7/348](#)
 CUI - [G05B15/02](#)
 CCA - [B67D2007/0446](#) ; [B67D2007/0448](#) ; [B67D2007/0449](#)
 PA - KNAPPCO CORP [US]
 TI - CROSSOVER PROTECTION SYSTEM **GRAPHICAL USER**INTERFACES.
 AB - Crossover protection system **graphical user** interfaces, crossover protection systems that **display**



interfaces, and methods for pairing tank delivery **connectors** with product delivery vehicle systems are provided. A tank delivery **connector** reads a tank tag with a tank tag reader, and transmits a tank tag indicator associated with the tank tag with **network interface** hardware. An electronic control unit receives the tank tag indicator with **network interface** hardware, determines a distribution tank fuel type associated with a distribution tank based on the tank tag indicator, determines that the tank delivery **connector** is associated with a tank compartment of a product delivery vehicle based on the tank tag indicator, and displays a **graphical user interface** on the **display**. The **graphical user interface** includes a tank delivery **connector graphic** displayed proximate a tank compartment **graphic** to indicate that the tank delivery **connector** is associated with the first tank compartment.

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PN - [US2018005474](#) A1 20180104
 PR - US201615229299 20160805; US201662356676P 20160630
 AP - US201615229299 20160805
 DT - **
 CCI - [H04L12/1895](#)
 CUI - [G07C13/00](#)
 CQI - [H04L12/40](#) ; [H04L41/22](#) ; [H04L45/24](#)
 PA - HART INTERCIVIC INC [US]
 TI - System And Method For A Voting Controller **Interface** For An Electronic Voting **Network**
 AB - A local electronic voting **network** configured as a daisy chain **network** is provided. Each **network** device may include a switch for routing and propagating voting **network** communications. A TCP/IP protocol over Ethernet based **connections** may be used. Voting devices may include a relay configured such that in case of power down of a voting device the relay shunts the communications down the **network**. Multiple input/output ports may be provided on **network** devices and a physical port blocker is provided to block unused ports. A **network** controller may include a **display** screen which utilizes a **graphical user interface** to **display** status information regarding individual ones of the voting devices that are coupled to the voting **network**.

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PN - [US2018005475](#) A1 20180104
 PR - US201615229326 20160805; US201662356676P 20160630
 AP - US201615229326 20160805
 DT - **
 CCI - [H04L12/1895](#)
 CUI - [G07C13/00](#)
 CQI - [H04L12/40](#) ; [H04L41/22](#) ; [H04L45/24](#)
 PA - HART INTERCIVIC INC [US]
 TI - System And Method For Electronic Voting **Network** Having Physical Port Blockers
 AB - A local electronic voting **network** configured as a daisy chain **network** is provided. Each **network** device may include a switch for routing and propagating voting **network** communications. A TCP/IP protocol over Ethernet based **connections** may be used. Voting devices may include a relay configured such that in case of power down of a voting device the relay shunts the communications down the **network**. Multiple input/output ports may be provided on **network** devices and a physical port blocker is provided to block unused ports. A **network** controller may include a **display** screen which utilizes a **graphical user interface** to **display** status information regarding individual ones of the voting devices that are coupled to the voting **network**.

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PN - [US2018005473](#) A1 20180104
 PR - US201615229280 20160805; US201662356676P 20160630
 AP - US201615229280 20160805
 DT - *; Rep
 CCI - [H04L12/1895](#)
 CUI - [G07C13/00](#)
 CQI - [H04L12/40](#) ; [H04L41/22](#) ; [H04L45/24](#)
 PA - HART INTERCIVIC INC [US]
 TI - System And Method For Electronic Voting **Network**
 AB - A local electronic voting **network** configured as a daisy chain **network** is provided. Each **network** device may include a switch for routing and propagating voting **network** communications. A TCP/IP protocol over Ethernet based **connections** may be used. Voting devices may include a relay configured such that in case of power down of a voting device the relay shunts the communications down the **network**. Multiple input/output ports may be provided on **network** devices and a physical port blocker is provided to block unused ports. A **network** controller may include a **display** screen which utilizes a **graphical user interface** to **display** status information regarding individual ones of the voting devices that are coupled to the voting **network**.

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10/460 © EPODOC / EPO

PR - US201462076533P 20141107; US201514922646 20151026; WO2015US57987 20151029

DT - I

CUI - G05B15/02

KNABCO CORP [US]

AD Crossover Protection System Graphical User Interfaces

FIG. 11

PN - [JP2017126315](#) A 20170720

AP - JP20160157033 20160809

CCI - [H04N1/00344](#) ; [H04N1/346](#) ; [H04N1/348](#)

CUA - [H04N2201/0039](#) : [H04N2201/3253](#) : [H04N2201/0082](#)

FT - 2C061/AP01; 2C061/HJ08; 5B084/AA02; 5B084/AA06; 5B084/AA12; 5B084/BA09; 5B084/BB13; 5B084/CA13; 5B084/CE07; 5B084/CE12; 5B084/CF12; 5B084/CF14; 5B084/DA13; 5B084/DB07; 5B084/DC02

TI - COMPUTERIZED SYSTEM, METHOD AND PROGRAM MANAGING PRINT SERVICE

12/460 © EPODOC / EPO

PR - US201614995189 20160113

DT - *; Rep

CCI - [H04N1/00344](#) ; [H04N1/346](#) ; [H04N1/348](#)

CUA - [H04N2201/0039](#) ; [H04N2201/3253](#) ; [H04N2201/0082](#)

TI - SYSTEMS AND METHODS FOR GEOFENCING FOR SERVICE AVAILABILITY AND DYNAMIC PROFIT CALCULATION

13/460 © EPODOC / EPO

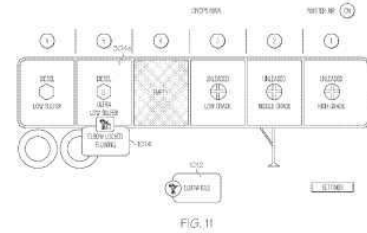
PR - US201715402037 20170109; US201662275830P 20160107

DT - *; Rep

CCI - [B60W50/14](#) ; [G06Q20/10](#) ; [G06Q20/223](#) ; [G06Q20/3224](#)
CUI - [G06K9/00892](#)
CCA - [B60W2050/146](#) ; [B60W2420/00](#) ; [B60W2420/42](#) ; [B60W2420/52](#) ; [B60W2420/60](#) ; [B60W2420/62](#) ; [B60W2520/00](#) ; [B60W2540/28](#) ; [B60W2550/402](#) ; [B60W2550/406](#) ; [B60W2550/408](#)
CUA - [B60W30/12](#) ; [B60W30/18163](#) ; [G06F3/04847](#)
PA - LE VINE SCOTT E [US]; POLAK JOHN W [US]
TI - METHOD AND SYSTEM FOR VEHICLE CONGESTION PRICING
AB - A system and method for coordination between at least two participating vehicles for peer-to-peer trade of the vehicles' positions including a local device on the participating vehicle that measures and transmits at least one output signal; a computing device configured to receive the at least one output signal from the device and **display** the at least one output signal in real-time; a **graphical user interface** on the computing device that allows a system administrator to view and customize options for monitoring the at least one output signal; and a hosted server that initiates a peer-to-peer trade of the participating vehicle's position based on determination of a multitude of factors, wherein the local device and the computing device are communicatively **connected** to each other via a communications **network**, and wherein the participating vehicle is human-driven, partially-automated, or fully-automated.

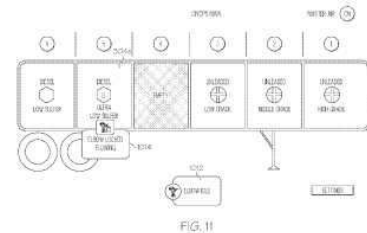
14/460 © EPODOC / EPO

PN - [GB2550690](#) A 20171129
PR - WO2015US57987 20151029; US201462076533P 20141107; US201514922646 20151026
AP - GB20170007911 20151029
DT - **
CCI - [B67D7/04](#) ; [B67D7/342](#) ; [B67D7/348](#)
CUI - [G05B15/02](#)
CNOI - [B67D7/04](#)
CCA - [B67D2007/0446](#) ; [B67D2007/0448](#) ; [B67D2007/0449](#)
PA - KNAPPCO CORP [US]
TI - Crossover protection system **graphical user** interfaces
AB - Crossover protection system **graphical user** interfaces, crossover protection systems that **display graphical user** interfaces, and methods for pairing tank delivery **connectors** with product delivery vehicle systems are provided. A tank delivery **connector** reads a tank tag with a tank tag reader, and transmits a tank tag indicator associated with the tank tag with **network interface** hardware. An electronic control unit receives the tank tag indicator with **network interface** hardware, determines a distribution tank fuel type associated with a distribution tank based on the tank tag indicator, determines that the tank delivery **connector** is associated with a tank compartment of a product delivery vehicle based on the tank tag indicator, and displays a **graphical user interface** on the **display**. The **graphical user interface** includes a tank delivery **connector graphic** displayed proximate a tank compartment **graphic** to indicate that the tank delivery **connector** is associated with the first tank compartment.



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PN - [AU2015343479](#) A1 20170601
PR - US201462076533P 20141107; US201514922646 20151026; WO2015US57987 20151029
AP - AU20150343479 20151029
DT - I
CCI - [B67D7/04](#) ; [B67D7/342](#) ; [B67D7/348](#)
CUI - [G05B15/02](#)
CCA - [B67D2007/0446](#) ; [B67D2007/0448](#) ; [B67D2007/0449](#)
PA - KNAPPCO CORP
TI - Crossover protection system **graphical user** interfaces
AB - Crossover protection system **graphical user** interfaces, crossover protection systems that **display graphical user** interfaces, and methods for pairing tank delivery **connectors** with product delivery vehicle systems are provided. A tank delivery **connector** reads a tank tag with a tank tag reader, and transmits a tank tag indicator associated with the tank tag with **network interface** hardware. An electronic control unit receives the tank tag indicator with **network interface** hardware, determines a distribution tank fuel type associated with a distribution tank based on the tank tag indicator, determines that the tank delivery **connector** is associated with a tank compartment of a product delivery vehicle based on the tank tag indicator, and displays a **graphical user interface** on the **display**. The **graphical user interface** includes a tank delivery **connector graphic** displayed proximate a tank compartment **graphic** to indicate that the tank delivery **connector** is associated with the first tank compartment.



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PN - [US2017140118](#) A1 20170518
PR - US201514945070 20151118
AP - US201514945070 20151118
DT - *; Rep
CCI - [G06F19/3418](#) ; [G16H40/63](#) ; [G16H50/70](#)
CUI - [G06F3/0486](#) ; [G06F3/04847](#)
CQI - [G06F19/3406](#)
PA - UCB BIOPHARMA SPRL [BE]
TI - METHOD AND SYSTEM FOR GENERATING AND VISUALLY DISPLAYING INTER-RELATIVITY BETWEEN TOPICS OF A HEALTHCARE TREATMENT TAXONOMY
AB - A computerized method for displaying categorized healthcare textual data after a taxonomy has been applied to a data set is provided. The method includes generating a visual **network generator graphical user interface** configured to **display** a visual **network** comprised of a plurality of nodes and links, each of the

nodes corresponding to a healthcare treatment topic, each of the links **connecting** two of the nodes; receiving a nodes input delimiting a number of the nodes to be displayed in the visual **network**; receiving at least one links input delimiting the links to be displayed in the visual **network**, the at least one links input including a first link input delimiting the links based on a modifiable metric representing a mixture of a first metric and a second metric, the first metric indicating a strength of potential links of each of the topics represented by one of the delimited nodes in the data set with each of the topics represented by the other delimited nodes of the data set, the second metric indicating a strength of each of the potential links of the delimited nodes in comparison to other potential links of the two respective delimited nodes each of the potential links is **connecting**; and generating, in response to the nodes input and the at least one links input, the delimited nodes and the delimited links in the visual **network** on the visual **network** generator **graphical user interface** to illustrate correlations between the healthcare treatment topics of different categories.

17/460 © EPODOC / EPO

PN - [US2017124030](#) A1 20170504

PR - US201615393928 20161229; US201313951575 20130726; US20110986858 20110107

AP - US201615393928 20161229

DT - **

CT - || R141 (A1)
[US2011258535](#) A1 20111020 [] (ADLER III JOHN [US], et al);
[US2008134015](#) A1 20080605 [] (MILIC-FRAYLING NATASA [GB], et al);
[US2008172407](#) A1 20080717 [] (SACKS DAVID [US]);
[US2010158315](#) A1 20100624 [] (MARTIN FRANCISCO [US]);
[US2010274815](#) A1 20101028 [] (VANASCO JONATHAN BRIAN [US]);
[US2010306834](#) A1 20101202 [] (GRANDISON TYRONE W A [US], et al);
[US2011047182](#) A1 20110224 [] (SHEPHERD MICHAEL DAVID [US], et al);
[US2011307791](#) A1 20111215 [] (PIERRE LESTER S [US], et al);
[US2012050789](#) A1 20120301 [] (BACHMAN WILLIAM MARTIN [US], et al);
[US2012109754](#) A1 20120503 [] (MEI TAO [CN], et al);
[US2012124478](#) A1 20120517 [] (KING TONY RICHARD [GB], et al);
[US2012290654](#) A1 20121115 [] (DETWILLER DENNIS [US], et al);
[US2012274846](#) A1 20121101 [] (KIMURA HIROAKI [JP], et al)

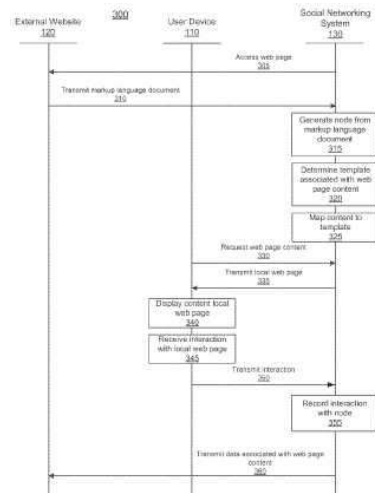
CCI - [G06Q50/01](#) ; [G06F17/3089](#)

CUI - [G06F17/218](#) ; [G06F17/2247](#) ; [G06F17/248](#)

PA - FACEBOOK INC [US]

TI - TEMPLATE SELECTION FOR MAPPING A THIRD-PARTY WEB PAGE TO AN OBJECT IN A SOCIAL **NETWORKING** SYSTEM

AB - A social **networking** system includes a mechanism for customizing **display** of content from an external web page. Nodes associated with a web page are included in the social **graph** based on one or more tags included in a web page, which contain meta-information for defining the node in the social **networking** system, such as the type of the node. The social **networking** system retrieves the tags from the markup language document and stores their information in **connection** with the node for the web page while using the tags to identify a template that describes **display** of content from the web page. The template may include **user interface** elements for receiving input, allowing a **user** to interact with a node in the social **graph** associated with the web page, allowing **user** interactions with the web page content to be tracked by and reflected back within the social **networking** system.



18/460 © EPODOC / EPO

PN - [US2017094358](#) A1 20170330

PR - US201615376902 20161213; US201213692122 20121203; US201213602011 20120831

AP - US201615376902 20161213

DT - **

CCI - [H04L51/10](#) ; [H04L51/32](#) ; [G06Q30/0277](#) ; [H04L65/4084](#) ; [H04L65/4092](#) ; [H04N21/25866](#) ; [H04N21/4227](#) ; [H04N21/4334](#) ; [H04N21/47214](#) ; [H04N21/4788](#) ; [H04N21/632](#) ; [H04N21/6543](#) ; [H04L65/1089](#) ; [H04W4/50](#) ; [H04W4/80](#)

CUI - [H04L67/22](#) ; [H04L65/601](#) ; [H04L67/306](#) ; [G06F15/16](#) ; [H04L65/403](#) ; [H04L65/60](#) ; [H04N21/23418](#) ; [H04N21/235](#) ; [H04N21/252](#) ; [H04N21/25891](#) ; [H04N21/26258](#) ; [H04N21/278](#) ; [H04N21/4126](#) ; [H04N21/41407](#) ; [H04N21/4147](#) ; [H04N21/4344](#) ; [H04N21/43635](#) ; [H04N21/43637](#) ; [H04N21/4394](#) ; [H04N21/44008](#) ; [H04N21/4402](#) ; [H04N21/4532](#) ; [H04N21/4821](#) ; [H04N21/4884](#) ; [H04N21/6334](#) ; [H04N21/6334](#) ; [H04N21/8133](#) ; [H04N21/84](#) ; [H04N21/8547](#) ; [H04L67/02](#) ; [G06F17/30053](#) ; [H04L67/10](#) ; [G06F17/30265](#) ; [H04L61/6022](#)

CQI - [G06F3/048](#) ; [G06F3/0481](#) ; [H04N21/23](#) ; [H04N21/258](#) ; [H04N21/478](#) ; [H04N21/812](#) ; [H04W4/001](#) ; [H04W4/008](#) ; [G06F17/30277](#)

CCA - [G06Q50/01](#)

PA - FACEBOOK INC [US]

TI - Sharing Television and Video Programming Through Social **Networking**

AB - In particular embodiments, one or more computer systems of a social-**networking** system provide social content for **display** in a mobile application running on a mobile device of a **user** of the social-**networking** system. The mobile application is configured to **display** the social content and an **interface** for selecting media content to view on a **display** device. The social content is from a social **graph** of the social-**networking** system. The social **graph** includes nodes and edges **connecting** the nodes. The nodes include **user** nodes that are each associated with a particular **user** of the social-**networking** system. The one or more computer systems of the social-**networking** system receive an indication from the mobile application that an option to view particular media content has been selected and provide one or more instructions to **display** the selected particular media content on the **display** device.

19/460 © EPODOC / EPO

PN - [TW325548B](#) B 19980121

PR - TW19970106171 19970509

AP - TW19970106171 19970509

DT - I

PA - SHIAU RUEY-LIN [TW]

TI - Relay-type multimedia data processing apparatus and method thereof

AB - A relay-type multimedia data processing apparatus, which can be used to consolidate, manage, store, preview or print multimedia data such as phone, fax, e-

mail or electronic file, supply one harbor-like function, in which every kind of multimedia data from everywhere are all docked here by classification, after checking and consolidating doing further processing, and fetters consumer appliance operation **interface** with **user**-friendly and easy operation, comprises: (1) One phone apparatus used to dial/receive phone data; (2) One fax apparatus used to receive/send fax data; (3) One input/output apparatus including phone line socket with at least one line, one **network** socket and at least one parallel port, which can individually used to **connect** phone line, Internet and PC to receive or send every kind of multimedia data from phone, fax, Internet or PC; (4) One **display** apparatus displaying message data; (5) One control panel apparatus including multiple numerical keys and multiple function keys, and each function key has drawn simple and easy **graph** symbol or English abbreviation representing the function key; (6) One printing apparatus, which can print text or **graphic** message data; (7) One power apparatus, which can supply power; (8) One data storage unit, which can be used to store every kind of multimedia message data, which includes one ROM, one RAM, and one hard disk; in which the ROM is used to store read-only system program, RAM is used to store temporary data with higher repeated access frequency, hard disk is used to supply data storage block with longer time, larger capacity and lower cost, and the system and driver needed by relay-type multimedia message processing apparatus are not store in hard disk; (9) One control unit, which consists of one data access unit(DAA) and one central processing unit(CPU), in which the DAA can consistently manage multimedia message data access and automatically identify message data type, and the CPU is used to consistently control operation of each unit and apparatus; control unit can identify type of every kind of multimedia message data received from I/O apparatus and store it the data storage unit, then generates one index data shown on the **display** apparatus, **user** only checks **display** apparatus to know all index data of every kind of received multimedia message, through function key on the control panel apparatus, used can select control to preview some message data content on **display** apparatus, print by printing apparatus, send to PC from parallel port of I/O apparatus, or send out by fax apparatus, or used also can decide to reserve some data in data storage unit by operation function key, or delete from data storage unit; besides, the index data of multimedia message at least consists of: input message number(NO), message type(TYPE), message input time(INPUT TIME), message title(TITLE) and message processing status(STATUS) fields.

20/460 © EPDOC / EPO

PN - [WO2017043960](#) A1 20170316

PR - MY2015PI03002 20150907

AP - WO2016MY50056 20160906

DT - *; Rep

CT - [AU] ISR (A1)
[US8538374](#) B1 20130917 [X] (HAIMO BARRY E [US], et al)
 [X] 1-15

* see, for example, the abstract, figures 1-4B, column 1 lines 6-8 and lines 60-65, column 2 lines 13-16, column 4 lines 52-67, column 5 lines 1-34, column 6 lines 9-17, column 7 lines 10-20 and 29-43, column 8 lines 18-25 and 47-63, column 9 lines 33-40, column 11 lines 56-67, column 12 lines 1-39 *;
[US8588733](#) B2 20131119 [A] (FERGUSON DANIEL LEE [US], et al)

[A] 1-15

* see, for example, the abstract, figures 1 and 3-5, column 3 lines 17-43, column 7 lines 26-35, column 8 lines 20-43, column 10 lines 2-39, column 10 lines 48-56, column 11 lines 37-67, column 12 lines 1-10, column 25 lines 25-46, column 26 lines 9-53 *;
[US2011151829](#) A1 20110623 [A] (VELUSAMY UMASHANKAR [US], et al)

[A] 1-15

* see, for example, the abstract and figures 1 and 4 and paragraphs [0014]-[0020] *;

[US2011319051](#) A1 20111229 [A] (REITNOUR PHILIP [US])

[A] 1-15

* see, for example, the abstract and figures 1-2 and claims 1-25 *;

[US2014177812](#) A1 20140626 [A] (BARRETT RICHARD [US])

[A] 1-15

* see, for example, the abstract, figures 1-3, claim 1 *

CCI - [G01S19/17](#) ; [G08B25/08](#) ; [G08B27/006](#) ; [H04W4/90](#)

PA - LO KIAN VUI [MY]

TI - A SYSTEM FOR TRIGGERING EMERGENCY ASSISTANCE AND METHOD THEREOF

AB - The present invention discloses a system for triggering emergency assistance as illustrated therein comprises a communication **network** (2) **connected** by a **user** device (1), at least one third party device (3), and a server (4). The **user** device is installed with a **user** application module, whereby upon the emergency assistance process is triggered, the **user** application module is configured to repeatedly retrieve information relating to the geographical coordination data of the **user** device, repeatedly retrieve the voice input and image data from the capturing means, and transmit the retrieved data to a server (4) via the transmitter; The plurality of third party devices (3) is installed with a third party application configured to retrieve and transmit the geographical coordination data of the corresponding third party device to the server (4) via the transceiver, receive information from the server (4), and automatically activate a **graphical user interface** for displaying the received information on the **display** unit upon receiving the information from the server (4); wherein the server (4) includes a transceiver for receiving and transmitting at least one signal from/to the **user** device (1) and the plurality of third party device (3); a processor for processing data; and a server application configured to generate a **graphical** indication based on the data transmitted by the **user** device (1), determine at least one eligible third party device (3) which satisfies a preset condition, and transmit the generated **graphical** indication to the at least one eligible third party device (3) for **display**.

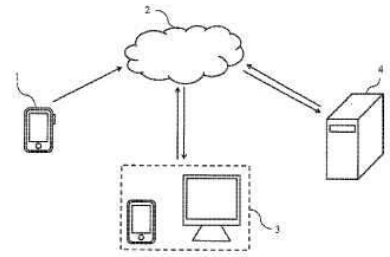


Fig. 1

21/460 © EPDOC / EPO

PN - [AU2017200893](#) A1 20170302

PR - AU20170200893 20170209; AU20140367225 20140423; US201414258821 20140422; US201361918431P 20131219; WO2014US35135 20140423

AP - AU20170200893 20170209

DT - I

CCI - [G06F17/30699](#) ; [G06F17/30705](#) ; [G06F17/30867](#) ; [G06F17/30958](#) ; [G06Q50/01](#) ; [G06F17/30637](#) ; [G06F17/30651](#)

CUI - [H04L67/42](#) ; [G06F3/0482](#) ; [H04L67/02](#) ; [G06F17/30554](#) ; [G06F17/30643](#) ; [G06F3/04842](#) ; [H04L67/10](#) ; [G06F17/30598](#)

CQI - [G06F17/3053](#)

PA - FACEBOOK INC

TI - Generating card stacks with queries on online social **networks**

AB - GENERATING CARD STACKS WITH QUERIES ON ONLINE SOCIAL **NETWORKS** In one embodiment, a method includes receiving, from a client device of a **user** of an

22/460 © EPODOC / EPO

AB - A system and method of monitoring and displaying the health data of an individual, said system comprising: a mobile device for receiving health parameters of said individual corresponding to outcomes of individual's health parameter measurements, said mobile device further comprising: a receiver module operative to accept said transmitted health parameters of said individual corresponding to outcomes of said individual's health parameter measurements; a processor module operative to record and generate continuous personal health profile based on said health parameters reflective of the current health state of the individual and compare said personal health profile with a set of predetermined reference parameters to determine where each said personal health profile is corresponding to on a parameter's health scale; a **user interface** module operative to **display** said transmitted health parameters of said individual corresponding to outcomes of said individual's health parameter measurements and simultaneously **display** all representative values of the health parameters in a digital and **graphical** form; an alarm module operative to alarm-monitor transmitted health parameters of said individual corresponding to outcomes of said individual's health parameter measurements and provide an indication of said personal health profile if it is in the normal or in-alarm region, as differentiated by predetermined alarm criteria; a data storage module operative to store a data record of predetermined format for each said individual corresponding to outcomes of said individual's health parameter measurements; and a **network connection** coupled to said mobile device, said **network connection** configured to utilize a **network** protocol to **interface** with **user interface** module and output representative values of the health parameters in a digital and **graphical** form.

AB - Method for rendering hyper-link information in a printable medium from a **graphical user** interface, including the information the documents **display** in the **graphical user interface** in the data processing system, which is **connected** to at least another data processing system in the data processing **network**, including the method the following steps: selection a document from a plurality of documents, for displaying of the document in the **graphic user interface** and the data structure generated from the data processing **network** server; generation of at least one reference object, if the document includes hyper-link information, for response to the selection of the document; and at least one reference object combining the hyper-link information; and in response to a **user** input, the document is automatically printed in a printable medium, in association with the reference object, such that the hyper-link information is automatically presented in association with the printed document.

PA - IDEATION6 SOLUTIONS INC [CA]



AB - A method for collaborative ideation is provided. The method uses a plurality of **network-connected** processor-based devices operated by collaborators separated into teams. The devices have **display** screens, and the method involves providing thereon: an idea creation **graphical user interface** (GUI) allowing collaborators to individually describe ideas; an idea enrichment GUI allowing collaborators to add or modify facets of the individual ideas; a facet evaluation GUI allowing collaborators to vote on a pertinence of each of the facets of an idea; and an idea selection GUI allowing the collaborators to select at least one final idea. A system for providing a collaborative ideation platform and a non-transient computer readable medium for providing the ideation platform on a computer are also provided.

25/460 © EPODOC / EPO

PN - [CN106134167](#) A 20161116

PR - US201414220071 20140319; WO2015US20848 20150317

AP - CN2015814746 20150317

DT - 1

CCI - [H04M1/72519](#)

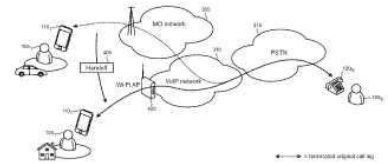
CUI - [H04M1/72563](#) ; [G06F3/04817](#)

CCA - [H04M2250/06](#) ; [H04M2250/22](#) ; [H04M2250/56](#) ; [H04B17/318](#)

PA - MICROSOFT TECHNOLOGY LICENSING LLC

TI - Hybrid telecommunications **network connection** indicator

AB - A mobile device having capabilities to access **connections** to cellular and Wi-Fi portions of a hybrid telecommunications **network** is configured to **display** a variety of different icons that **graphically** indicate a **current connection** status for both data usage and voice calling on a **graphical user interface** (GUI). A **user** can put the GUI into an expanded state to show additional information about the **connection** status including textual descriptions of icons to instruct the **user** as to the specific meaning of a given icon. The textual descriptions enable an association between the iconography and the **connection** state to be established for the **user**. The icons can then quickly and effectively convey **connection** state to the **user** in a comprehensive manner while efficiently using the available **display** space on the device.



26/460 © EPODOC / EPO

PN - [WO2017085547](#) A1 20170526

PR - US201514945070 20151118

AP - WO2016IB01736 20161115

DT - **

CT - |EP| ISR (A1)
[XP055348616](#) A[I];
[XP011327197](#) A[I];
[WO03098396](#) A2 20031127 [A] (VERITY INC (US))
 [A] 1-16
 * page 18 - page 24 *

CTNP - [EP] ISR (A1)

[1] - Thomas C Rindflesch ET AL, "Semantic MEDLINE: an advanced information management application for biomedicine", Information Services & Use, doi: [10.3233/ISU-2011-0627](https://doi.org/10.3233/ISU-2011-0627), (20110101), page 15, URL: <https://skr3.nlm.nih.gov/SemMedDB/Rindflesch2011.pdf>, (20170222), XP055348616

[1] 1-16

* page 15 section "Introduction", Fig. 1 and 4 *

[1] - NAN CAO ET AL, "FacetAtlas: Multifaceted Visualization for Rich Text Corpora", IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS, IEEE SERVICE CENTER, LOS ALAMITOS, CA, US, (20101101), vol. 16, no. 6, doi:[10.1109/TVCG.2010.154](https://doi.org/10.1109/TVCG.2010.154), ISSN 1077-2626, pages 1172 - 1181, XP011327197

[1] 1-16

* page 1175 - page 1177 *

CCI - [G06F19/3418](#) ; [G16H40/63](#) ; [G16H50/70](#)

CUI - [G06F3/0486](#) ; [G06F3/04847](#)

CQI - [G06F19/3406](#)

PA - UCB BIOPHARMA SPRL [BE]

TI - METHOD AND SYSTEM FOR GENERATING AND VISUALLY DISPLAYING INTER-RELATIVITY BETWEEN TOPICS OF A HEALTHCARE TREATMENT TAXONOMY

AB - A computerized method for displaying categorized healthcare textual data after a taxonomy has been applied to a data set is provided. The method includes generating a visual **network** generator **graphical user interface** configured to display a visual **network** comprised of a plurality of nodes and links, each of the nodes corresponding to a healthcare treatment topic, each of the links **connecting two** of the nodes; receiving a nodes input delimiting a number of the nodes to be displayed in the visual **network**; receiving at least one links input delimiting the links to be displayed in the visual **network**, the at least one links input including a first link input delimiting the links based on a modifiable metric representing a mixture of a first metric and a second metric, the first metric indicating a strength of potential links of each of the topics represented by one of the delimited nodes in the data set with each of the topics represented by the other delimited nodes of the data set, the second metric indicating a strength of each of the potential links of the delimited nodes in comparison to other potential links of the two respective delimited nodes each of the potential links is **connecting**; and generating, in response to the nodes input and the at least one links input, the delimited nodes and the delimited links in the visual **network** on the visual **network** generator **graphical user interface** to illustrate correlations between the healthcare treatment topics of different categories.

27/460 © EPODOC / EPO

PN - [US9509579](#) B1 20161129

PR - US201314073033 20131106: US201261725170P 20121112

AP - US201314073033 20131106

DT - *: Rep

CT - || STSE (B1)
[U52003115361](#) A1 20030619 [] (KIRK CINDY [CA], et al);
[U52007204231](#) A1 20070830 [] (CUNNINGHAM AARON [US], et al);

US2012178439 A1 20120712 [] (VASHI PRASHANT H [US], et al)

CCI - [H04L41/22](#) ; [H04L41/12](#)

PA - MARVELL INT LTD [BM]; MARVELL ISRAEL (M I S L) LTD [BM]

TI - Link attributes **display**

AB - A method for providing Layer 2 link attributes to a **user** includes transmitting a query using a Layer 3 **network** protocol to at least a first **network** element to determine a link attribute for a Layer 2 link between the first **network** element and a second **network** element in a **network**, receiving a response indicative of the link attribute for the Layer 2 link, determining based on the received response a **graphical** line attribute corresponding to the link attribute according to a predetermined mapping of link attributes to **graphical** line attributes, and updating a line element at a **graphical user interface** according to the **graphical** line attribute, the line element **connecting** at the **graphical user interface** a first **graphical** element corresponding to the first **network** element and a second **graphical** element corresponding to the second **network** element.

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PN - [JP2016177088](#) A 20161006

PR - JP20150056672 20150319

AP - JP20150056672 20150319

DT - I

CCI - [H04N7/147](#) ; [H04N7/15](#)

CCA - [H04L12/1813](#)

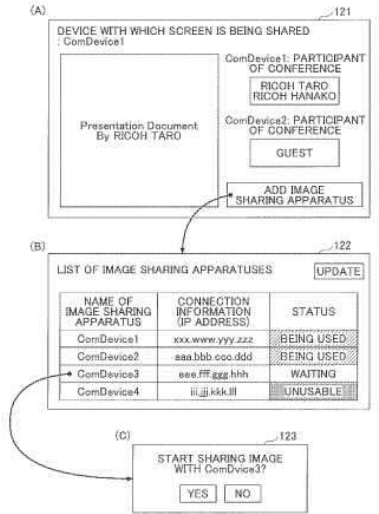
FI - G06F13/00&357A; G06F13/00&650A; G06F3/048; G06F3/048&651A; G09G5/00&510B; G09G5/00&510V; G09G5/00&555D

FT - 5B084/AA05; 5B084/BB01; 5B084/EA06; 5B089/GA21; 5B089/GB01; 5B089/IA35; 5B089/KB04; 5B089/KC44; 5C182/AC02; 5C182/AC03; 5C182/AC12; 5C182/AC13; 5C182/AC37; 5C182/AC38; 5C182/BA03; 5C182/BA06; 5C182/BB03; 5C182/BC14; 5C182/CB52; 5C182/CC02; 5E555/AA61; 5E555/BA13; 5E555/BB13; 5E555/BC09; 5E555/BD09; 5E555/CB74; 5E555/DA03; 5E555/DB41; 5E555/DB53; 5E555/DB60; 5E555/DC05; 5E555/DC09; 5E555/DC13; 5E555/DC18; 5E555/EA09; 5E555/FA01

PA - RICOH CO LTD

TI - **DISPLAY CONTROL DEVICE, DISPLAY CONTROL SYSTEM, GRAPHICAL USER INTERFACE, AND DISPLAY CONTROL PROGRAM**

AB - PROBLEM TO BE SOLVED: To improve the **user** convenience.SOLUTION: Provided are: searching means that searches for one or a plurality of **display** devices **connected** to a **network**; notifying means that, when having accepted the request for data output from an information processing device through the **network**, notifies the use status of the **display** device obtained by the searching means; and output control means that outputs the data to the **display** device specified by the information processing device among the **display** devices notified by the notifying means.SELECTED DRAWING: Figure 3



29/460 © EPODOC / EPO

PN - [WO2017048115](#) A1 20170323

PR - MY2015PI03278 20150918

AP - WO2016MY00059 20160915

DT - *; Rep

CT - [EP] ISR (A1)

US2015049190 A1 20150219 [XI] (GALVEZ MIGUEL [US], et al)

[X] 1,6-11,13,18-24

* abstract *

* figures 4-6 *

* paragraphs [0008] - [0018] *

* paragraphs [0037] - [0050] *

* paragraphs [0075] - [0087] *

[I] 2-5,12,14-17,25;

[WO2011060388](#) A1 20110519 [I] (ZOLL MEDICAL CORP [US], et al)

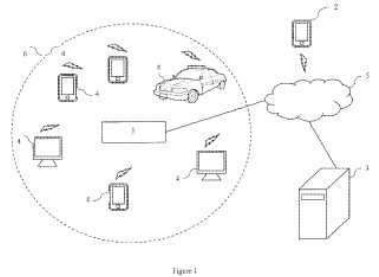
[I] 1-25

* abstract *

* figures 1, 2B *

* paragraphs [0039] - [0062] *

* paragraphs [0093] - [0112] *



CCI - [H04N7/188](#)

CUI - [G08B27/00](#)

PA - LO KIAN VUI [MY]

TI - A REAL-TIME INTELLIGENT VIDEO CAMERA SYSTEM

AB - A system for detecting an abnormal event and disseminating a distress signal comprises a camera (1) for capturing images, a processor coupled to the camera (1), configured to analyze the captured images for identifying at least one object, determine if the detected object satisfies a set of parameters, generate and transmit the distress signal to a communication **network** (5) in the event of the detected object satisfied the set of parameters, a **user** device (2) having a **user** application (21) configured to receive the distress signal from the communication **network** (5), provide a **graphical user interface** to **display** the distress signal, provide an option initiateable by **user** of the **user** device (2) to transmit the distress signal to a server (3), and a plurality of third party devices (4) **connected** to the communication **network** (5), each having a third party application (41) configured to transmit information relating to location of the corresponding third party device (4) to the server (3) upon a request by the server (3), wherein the server (3) is configured to receive the distress signal from the **user** device (2), retrieve information relating to the location of each third party device (4) upon receiving the distress signal, determine surrounding third party device, and transmit the distress signal to the surrounding third party device, and wherein third party application (41) triggers

a **graphical user interface** for displaying the distress signal upon receiving it from the server (3).

30/460 © EPODOC / EPO

PN - [EP3151102](#) A1 20170405

PR - BE20150005603 20150930

AP - EP20160191626 20160929

DT - *; Rep

CT - || STSE (A1)

[US2013113822](#) A1 20130509 [X] (PUTREVU SRIHARSHA [US], et al)

[X] 1,3,4

* paragraphs [0002] , [0023] - [0025] - [0031] - [0033] - [0039] - [0040] - [0045] , [0050]; figures 1,7-8,11,16 *

[I] 2;

[US2014359468](#) A1 20141204 [X] (SASAKI TAKAMITSU [JP], et al)

[X] 1-4

* abstract *

* paragraphs [0156] - [0162] - [0176] - [0177] - [0196] - [0197] - [0229] - [0230] - [0241] - [0244] - [0251]; figures 1,2,5,11,18,24 *;

[US2014068486](#) A1 20140306 [X] (SELLERS JAYSON [US], et al)

[X] 1-4

* paragraphs [0010] - [0011] - [0049] - [0053] - [0058] - [0060]; figures 2-3,5,8,10 *;

[US2013061180](#) A1 20130307 [I] (DONGEN NIELS VAN [US], et al)

[I] 1-4

* paragraphs [0013] - [0022] - [0034] - [0048]; figures 2-4 *;

[US2012030626](#) A1 20120202 [I] (HOPKINS MICHAEL STEPHEN [US], et al)

[I] 1-4

* paragraphs [0022] - [0036]; figures 1-4 *

CCI - [G06F3/04817](#) ; [G06F3/04847](#)

CUI - [H04L12/28](#)

PA - NIKO NV [BE]

TI - SYSTEM AND METHOD FOR CONTROLLING A FUNCTION OF AN APPARATUS

AB - The invention pertains to a home automation system, comprising a plurality of apparatuses (199) and a system (100), **connected** to the apparatuses (199) via a **network** (150), for adjusting a control parameter of a function of at least one apparatus of said plurality of apparatuses (199). The system comprises a **display to display** a GUI element; a human **interface** device (HID) to accept **user** interaction with the GUI element; and means to transmit the control parameter to the apparatus in response to the interaction. The system operates the GUI element in a first state with a first representation and a second state with a second representation, the first representation occupying a smaller area of the **display**. The first representation comprises an icon **graphically** indicating the controlled function and the value of the control parameter. The first state is responsive to a first predetermined input of the HID to transition to the second state. The second representation comprises means to select the value of the control parameter; and the second state is responsive to a second predetermined input of the HID to transition to the first state.

31/460 © EPODOC / EPO

PN - [US2016286046](#) A1 20160929

PNFP - US9888118 B2 20180206

PR - US201615179783 20160610; US201615094510 20160408; US201414202865 20140310

AP - US201615179783 20160610

DT - *; Rep

CT - || STSE (B2)

[US7707432](#) B2 20100427 [] (COLLE RENZO [DE], et al);

[US8332870](#) B2 20121211 [] (WARGIN JEFFREY M [US], et al);

[US8583466](#) B2 20131112 [] (MARGULIES EDWIN KENNETH [US], et al);

[US8885812](#) B2 20141111 [] (MARGULIES EDWIN KENNETH [US], et al);

[US9319264](#) B1 20160419 [] (POUTIEVSKI LEON [US], et al);

[US9413486](#) B2 20160809 [] (BRYSKIN IGOR [US], et al);

[US9413614](#) B1 20160809 [] (RAMASUBRAMANIAN SRINIVASAN [US], et al);

[US2003038309](#) A1 20030227 [] (SANDHU GURTEI [US], et al);

[US2012029901](#) A1 20120202 [] (NIELSEN KORRAN LORNE MICHAEL [CA]);

[US2012185229](#) A1 20120719 [] (PERRETT JAY [GB])

CCI - [H04L41/5064](#)

CUI - [H04M3/5133](#) ; [H04M3/5183](#)

PA - (A1 B2)
SOFTPHONE SRL [IT]

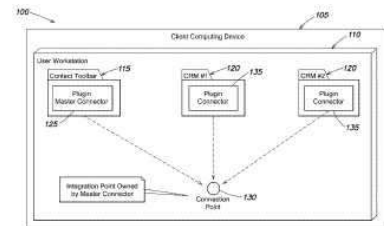
TI - (A1)
ENTERPRISE APPLICATION INTEGRATION ON CLIENT COMPUTING DEVICES

- (B2)

Enterprise application integration on client computing devices

AB - (A1 B2)

Systems and methods of contact center data integration with customer relationship management (CRM) applications on client computing devices in contact center environments are provided. A workspace routing **connector** application, responsive to an actuation command, can integrate the contact center enterprise with the different enterprise. A configuration component of the workspace routing **connector** application can select a contact center parameter from a contact center enterprise server. The workspace routing **connector** application can **display**, in a **graphical user interface**, an available CRM application and a CRM script based on the contact center parameter, and can receive an indication of selection of the CRM application. Responsive to selection of the CRM application, the CRM script can provide, from the contact center enterprise server via the computer **network**, for **display** by a client computing device in a contact center environment, contact center data related to the contact center parameter.



32/460 © EPDOC / EPO

PN - [US2016277258](#) A1 20160922

PR - JP20150056672 20150319

AP - US201615069369 20160314

DT - *; Rep

CT - || R141 (A1)

[US2005110953](#) A1 20050526 [] (CASTALDI JOSEPH [US], et al);
[US2005157218](#) A1 20050721 [] (HONMA KAZUYA [JP]);
[US2011035448](#) A1 20110210 [] (LEUNG ANDREW [CA], et al)

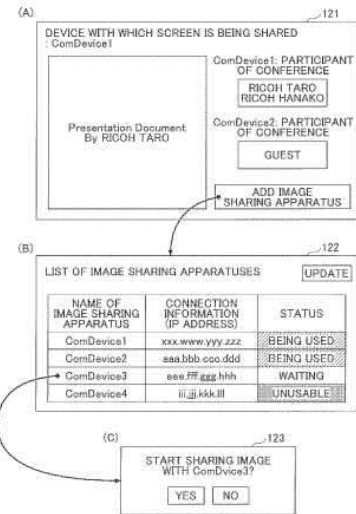
CCI - [H04N7/147](#) ; [H04N7/15](#)

CCA - [H04L12/1813](#)

PA - SUGISHITA SATORU [JP]; RICOH CO LTD [JP]

TI - **DISPLAY CONTROL APPARATUS, DISPLAY CONTROL SYSTEM, AND GRAPHICAL USER INTERFACE**

AB - A **display** control apparatus includes a search unit configured to search for one or more **display** apparatuses **connected** to a **network**; a notification unit configured to notify, in response to receiving an output request for outputting data from an information processing apparatus via the **network**, the information processing apparatus of usage statuses of the one or more **display** apparatuses obtained by the search unit; and an output control unit configured to cause a **display** apparatus, selected by the information processing apparatus among the one or more **display** apparatuses whose usage statuses have been notified from the notification unit, to output the data.



33/460 © EPDOC / EPO

PN - [US2016253679](#) A1 20160901

PR - US201615052595 20160224; US201562119865P 20150224

AP - US201615052595 20160224

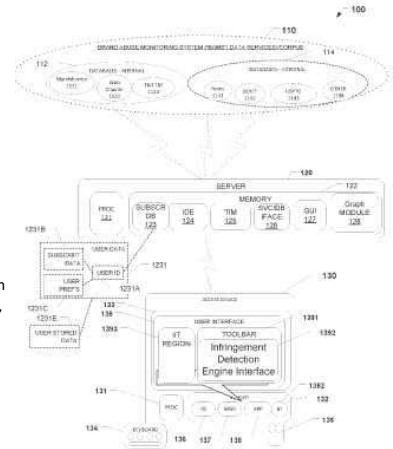
DT - *; Rep

CCI - [G06Q30/0185](#) ; [G06Q50/184](#)

PA - THOMSON REUTERS GLOBAL RESOURCES [CH]

TI - **BRAND ABUSE MONITORING SYSTEM WITH INFRINGEMENT DETECTION ENGINE AND GRAPHICAL USER INTERFACE**

AB - A computer-based system **connected** to a remote **user** device and a plurality of services. A data collection engine having an input adapted to receive a set of collection data from a set of services, the set of collection data comprising a set of brand data for comparison against a control set of data stored in a database and having a set of fields and via the digital communications **network** a query. An entity identification module identifies and extracts within the set of collection data a set of entity data, compares the set of entity data against a set of entity control data to resolve entity identification, associates an entity identifier with the identified entity, and determines a set of relationship data between entities; a matching module adapted to receive data derived from the set of collection data and compare the received data against a set of known brand data and generate a set of comparison data and an output indicating a presence of a match; a scoring module adapted to generate a set of score data based on the set of comparison data. A **graphic user interface** presents a **graphic** representation of the set of scored data on a **display** device.



34/460 © EPDOC / EPO

PN - [KR20160093135](#) A 20160808

PR - KR20150013301 20150128

AP - KR20150013301 20150128

DT - I

CNOI - [G09B9/003](#)

PA - KOREA ELECTRONICS TECHNOLOGY [KR]

TI - **BASED ON WEB, E-TRAINING CONTROL STATION SYSTEM AND E-TRAINING CONTROL METHOD**

AB - The present invention relates to a virtual training system. More specifically, the present invention relates to a web-based virtual training control station system and a web-based common virtual training control method, capable of remotely controlling a common virtual training system through a **web interface** under an environment that a plurality of virtual training systems are **connected** with each other and distributed over a remote **network** (LAN/WAN). The web-based virtual training control station system includes a web-page providing unit, a training scenario providing unit, an information transmitting unit, and a **graphic user interface** (GUI) screen updating unit. The web-page providing unit provides a GUI screen, based on a web browser and including at least a command input unit and a training step **display** unit to describe a training step, to a terminal of a learner in order to remotely control and monitor common virtual training. The training scenario providing unit provides training scenarios selectable to the GUI screen. The information transmitting unit transmits information on the creation of a common virtual training workspace or a training control command, which is input through the command input unit provided in the GUI screen, to the virtual training system **connected** with the information transmitting unit over the **network** through interworking middleware, and receives a participation request or a situation message transmitted from the virtual training system in response to the transmission. The GUI screen updating unit updates the list of participants of the common virtual training or the contents of the training step **display** unit according to the received participation request or the received situation message.

35/460 © EPDOC / EPO

PN - [RU2015101757](#) A 20160810
 PNFP - RU2642328 C2 20180124
 PR - US201261662765P 20120621; US201313923089 20130620; WO2013US47124 20130621
 AP - RU20150101757 20130621
 DT - I
 CT - || STSE (C2)

[US2011238755](#) A1 20110929 [];
[US2007276721](#) A1 20071129 [] (INVELUS COMM LLC [US]);
[RU2439703](#) C2 20120110 [] (QUALCOMM INC [US]);
[EA010985](#) B1 20081230 [] (LASTMILE COMM LTD [GB])

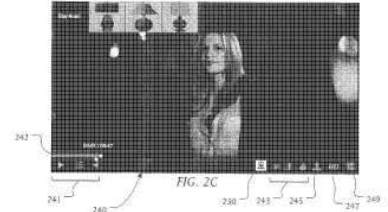
CCI - [G06Q30/0613](#) ; [G06Q30/0631](#)

CQI - [G06Q30/06](#)

PA - (C2)
 SINSEJ INK [US]

TI - (C2)
 MAKING PURCHASES WITH ASSISTANCE OF OTHER EQUAL NETWORK MEMBERS

AB - (C2)
 FIELD: information technology.SUBSTANCE: method comprises: executing a media container, including a media player, at the first computing device of the terminal point, corresponding to the first user, initiating display of media content connected with at least one product or service at the first computing device of the terminal point, initiating at the first computing device data transfer request activation for the second computing device of the terminal point connected with the second user, displaying media content using graphical user interface, executing a media container, including a media player and a graphical interface, designed to display digital content on the second computing device. The device implements this method.EFFECT: ensuring the possibility of conducting a transaction without the need for transition to an external address.43 cl, 8 dwg



36/460 © EPODOC / EPO

PN - [US2016231882](#) A1 20160811
 PR - US201514846633 20150904; US201462045798P 20140904
 AP - US201514846633 20150904
 DT - *; Rep
 CT - || R141 (A1)

[US8775517](#) B1 20140708 [] (GOLDMAN NEAL [US], et al);
[US2005222890](#) A1 20051006 [] (CHENG LIU [US], et al);
[US2010023484](#) A1 20100128 [] (ZINK RUSSELL TODD [US], et al);
[US2011283222](#) A1 20111117 [] (MCINTYRE DALE F [US], et al);
[US2014195975](#) A1 20140710 [] (KYOUN JAE-KI [KR]);
[US8332782](#) B1 20121211 [] (CHANG WALTER [US], et al)

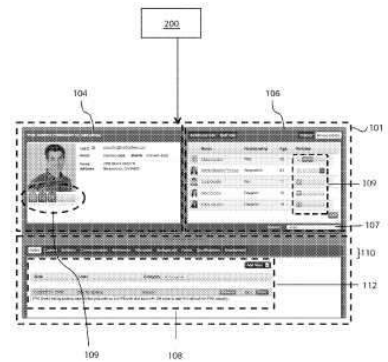
CCI - [G06Q10/0631](#) ; [G06F3/04817](#)

CUI - [G06F17/30312](#)

PA - CAMPMINDER LLC [US]

TI - UNIFIED-PERSON RECORD HAVING PERIODIC TABLE OF RELATIONSHIPS

AB - A system and method for handling records of an organization, the system and method involving: a graphical user interface operable by way of instructions, the graphical user interface can display a contact area including contact information corresponding to an individual related to the user's organization and a periodic table of relationships corresponding to at least one relationship of the selected individual. The operability of the graphical user interface is facilitated by at least one server. The display of the at least one record is facilitated by at least one client device. The at least one client device is capable of connecting with the at least one server via a network. The at least one server is capable of being cloud-based.



37/460 © EPODOC / EPO

PN - [US2016196689](#) A1 20160707
 PNFP - US9922455 B2 20180320
 PR - GB20130013112 20130723; WO2014GB52248 20140723
 AP - US201414906775 20140723
 DT - **

CCI - [G06F17/5004](#)

CUI - [G06F3/04815](#) ; [G06T17/10](#)

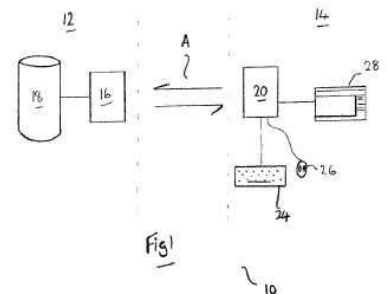
CCA - [G06F2217/04](#)

CUA - [G06T2200/24](#)

PA - (A1)
 WEST RETAIL GROUP LTD [GB]
 (B2)
 THE WEST RETAIL GROUP LTD [GB]

TI - (A1)
 ROOM PLANNING SYSTEM AND METHOD
 (B2)
 Room planning system and method

AB - (A1)
 A room planning system, generally at 10, comprises a host site 12 and a local site 14, two-way



communication between which is represented by arrows A. On the host site is a host processor 16, which is **connected** to a database 18. On the local site is a local processor 20 that is **connected** to user input apparatus, in the form of a keyboard 24 and mouse 26, and to a **graphical user interface**, in the form of a **display** 28. The database 18 contains data of a plurality of types of product that are available for the design of a room space. In the example of a kitchen room space, the database contains product details of items such as room fixtures, floor units, wall units, worktops, handles, cornices, plinths, pelmets, sinks, taps, appliances and accessories. The host processor 16 is in communication with one or more local processors 20 via a communications **network** represented by arrows A, which could be a wide area **network**, such as the Internet. The local processor 20, which may comprise a personal computer, has stored thereon a computer programme for causing the processor 20 carry out a room space design method, and for displaying a design template, and an image of the design, on the **display** 28, as will be described below. A 3-D engine, located within the local processor 20, is able to create and **display** a virtual room space on the **display** 28.

- (B2)

A room planning system, generally at 10, comprises a host site 12 and a local site 14, two-way communication between which is represented by arrows A. On the host site is a host processor 16, which is **connected** to a database 18. On the local site is a local processor 20 that is **connected** to user input apparatus, in the form of a keyboard 24 and mouse 26, and to a **graphical user interface**, in the form of a **display** 28. The database 18 contains data of a plurality of types of product that are available for the design of a room space. In the example of a kitchen room space, the database contains product details of items such as room fixtures, floor units, wall units, worktops, handles, cornices, plinths, pelmets, sinks, taps, appliances and accessories. The host processor 16 is in communication with one or more local processors 20 via a communications **network** represented by arrows A, which could be a wide area **network**, such as the Internet. The local processor 20, which may comprise a personal computer, has stored thereon a computer program for causing the processor 20 carry out a room space design method, and for displaying a design template, and an image of the design, on the **display** 28, as will be described below. A 3-D engine, located within the local processor 20, is able to create and **display** a virtual room space on the **display** 28.

38/460 © EPODOC / EPO

PN - [CN105745901](#) A 20160706

PR - US201361885437P 20131001; US201314099689 20131206; WO2014US58495 20140930

AP - CN2014854122 20140930

DT - I

CCI - [H04L67/1097](#) ; [H04L65/60](#) ; [H04L65/604](#)

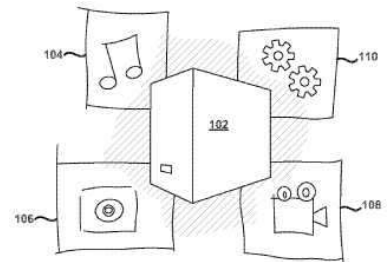
CUI - [H04L43/045](#) ; [G06F3/0484](#)

CCA - [H04L65/80](#)

PA - WESTERN DIGITAL TECH INC

TI - Virtual manifestation of a NAS or other devices and **user** interaction therewith

AB - The invention relates to a device that may comprise a **display interface** and a processor coupled to the **display interface**. The processor may be configured to couple to a remote **network-connected** device over a computer **network**; generate a **graphic** representation of the **network-connected** device on the **display** and send the generated **graphic** representation to the **display interface**. A status of the **network-connected** device may then be received over the computer **network** and cause, responsive to receiving the status of the **network-connected** device, the **graphic** representation of the **network-connected** device to change appearance depending upon the received state the **network-connected** device.



39/460 © EPODOC / EPO

PN - [US2016180492](#) A1 20160623

PR - EP20140198598 20141217

AP - US201514973202 20151217

DT - **

CT - || R141 (A1)

[US2014282624](#) A1 20140918 [] (HOLT KEVIN MATTHEW [US], et al);

[US2011126127](#) A1 20110526 [] (MARIOTTI MARK [US], et al);

[US2008085040](#) A1 20080410 [] (BASU SAMIT KUMAR [US], et al);

[US2012307116](#) A1 20121206 [] (LANSEL STEVEN P [US], et al)

CCI - [G16H80/00](#) ; [G16H40/63](#)

CUI - [G06T1/20](#) ; [G06T5/20](#) ; [G06T7/0012](#) ; [G06T11/60](#)

CQI - [G06F19/3406](#)

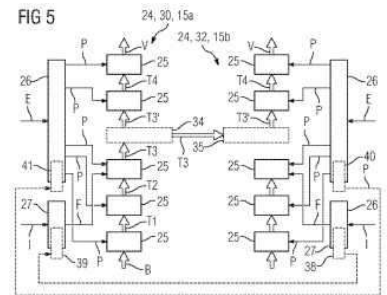
CUA - [G06T2200/24](#)

PA - DOMINICK LUTZ [DE]; UKIS VLADYSLAV [DE]

TI - METHOD AND SYSTEM FOR JOINT EVALUATION OF A MEDICAL IMAGE DATASET

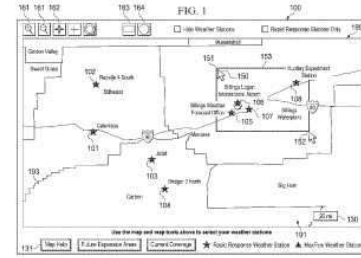
AB - For effective joint evaluation of a medical image dataset on a first data processing device and at least one second data processing device that is **connected** to the first data processing device via a data transmission **network**, a first application is performed in the first data processing device, and a second application is performed in the second data processing device. Each of the applications has a respective **graphical user interface** having at least one segment for **display** of a view of the image dataset. An image processing pipeline is associated with each segment for deriving the view from the image dataset. Partially processed data of the image dataset is decoupled from the image processing pipeline of the segment of the first application, is transferred to the second application, and there is coupled to the image processing pipeline of the segment of the second application for preparing the view.

FIG 5



40/460 © EPODOC / EPO

- PN - [US2016170627](#)_A1 20160616
- PR - US201615051835 20160224; US201314055329 20131016; US201213540436 20120702; US201161505457P 20110707
- AP - US201615051835 20160224
- DT - **
- CCI - [G01W1/00](#) ; [G06Q10/10](#)
- CUI - [G06F17/30864](#) ; [G06F3/0481](#) ; [G06F3/0482](#) ; [G06F3/0484](#) ; [H04L1/22](#) ; [G06F3/04817](#) ; [G06F3/04847](#) ; [G06F3/04842](#)
- PA - WATTS AND ASSOCIATES INC [US]
- TI - Systems, Computer Implemented Methods, Geographic Weather-Data Selection **Interface Display**, and Computer Readable Medium Having Program Products to Generate **User**-Customized Virtual Weather Data and **User**-Customized Weather-Risk Products Responsive Thereto
- AB - Systems, computer implemented methods, and computer readable medium having program products are provided to customize by a **user** weather-risk products and to provide a customized weather-risk product to be purchased by **user**. Embodiments of a system include a tract-**user** computer having a **display** to **display graphical user** interfaces to a **user** and an input to receive **user** selections, the tract-**user** computer being **connected** to a communications **network** to receive **graphical user** interfaces and transmit **user** selections to a weather-risk product issuer computer. Embodiments of a system can also include a database to associate **user** selections with actuarial data, location data, and basis weather data and a weather-risk product issuer computer to transmit **graphical user** interfaces to the tract-**user** computer, receive **user** selections, and process **user** selections to generate virtual weather data and to generate weather-risk products.



41/460 © EPODOC / EPO

- PN - [US2016170626](#)_A1 20160616
- PNFP - US9720585 B2 20170801
- PR - US201615051509 20160223; US201414463550 20140819; US201213656189 20121019; US201161627996P 20111021
- AP - US201615051509 20160223
- DT - **
- CT - || R141 (A1)
[US2007045433](#)_A1 20070301 [] (CHAPMAN JOHN G JR [US], et al);
[US2007084941](#)_A1 20070419 [] (DE PAUW JURIANUS [NL], et al);
[US2007278320](#)_A1 20071206 [] (LUNACEK MICHAEL G [US], et al);
[US8442693](#)_B2 20130514 [] (MIRZA MUHAMMAD ALI [US], et al);
[US2004164238](#)_A1 20040826 [] (XU JUN [US], et al)
 || STSE (B2)
[US8442693](#)_B2 20130514 [] (MIRZA MUHAMMAD ALI [US], et al);
[US2004164238](#)_A1 20040826 [] (XU JUN [US], et al);
[US2007045433](#)_A1 20070301 [] (CHAPMAN JOHN G JR [US], et al);
[US2007084941](#)_A1 20070419 [] (DE PAUW JURIANUS [NL], et al);
[US2007278320](#)_A1 20071206 [] (LUNACEK MICHAEL G [US], et al)
- CCI - [G05D23/1902](#) ; [F24F11/30](#)
- CUI - [G01J5/041](#) ; [F24F11/00](#) ; [G01K1/02](#) ; [G01R31/26](#) ; [G06F3/0487](#) ; [G06F3/167](#) ; [G05B15/02](#) ; [G06F1/3231](#) ; [G06F1/3265](#) ; [G06F3/011](#) ; [G06F3/02](#) ; [G06F3/0304](#) ; [G06F3/042](#) ; [G06F3/0482](#) ; [G06N99/005](#) ; [G06F3/0362](#) ; [G06F3/04847](#) ; [G06F3/04842](#) ; [H04L67/10](#) ; [G01J5/0025](#) ; [F24F11/62](#) ; [F24F11/70](#) ; [F24F11/89](#)
- CQI - [F24F11/0009](#) ; [F24F11/001](#) ; [F24F11/0012](#) ; [F24F11/0034](#) ; [F24F11/006](#) ; [F24F11/0076](#) ; [F24F11/0086](#) ; [F24F11/02](#) ; [G05D23/19](#) ; [G05D23/1919](#) ; [G05D23/1932](#) ; [G05D23/24](#) ; [G05D23/2454](#) ; [G05D23/27](#) ; [G05D23/275](#)
- CCA - [H01H25/06](#) ; [F24F2110/10](#) ; [F24F2120/14](#)
- CUA - [Y02T10/88](#) ; [F24F2110/00](#) ; [F24F2120/10](#) ; [F24F2120/12](#) ; [F24F2140/60](#) ; [F24F11/63](#) ; [F24F11/56](#) ; [F24F11/58](#) ; [F24F11/46](#) ; [F24F11/52](#) ; [F24F11/47](#) ; [Y02D70/00](#)
- CQA - [F24F2011/0035](#) ; [F24F2011/0036](#) ; [F24F2011/0047](#) ; [F24F2011/0061](#) ; [F24F2011/0068](#) ; [F24F2011/0071](#) ; [F24F2011/0075](#) ; [F24F2011/0091](#) ; [F24F2011/0094](#) ; [Y02B60/50](#)
- PA - (A1 B2)
 GOOGLE INC [US]
- TI - (A1)
USER FRIENDLY INTERFACE
 (B2)
User friendly interface
- AB - (A1 B2)
 A thermostat **user interface** for a **network-connected** thermostat is described. The thermostat includes a frustum-shaped shell body having a circular cross-section and a sidewall extending between first and second ends, the second end being **user-facing** when the thermostat is wall-mounted; a circular rotatable ring being **user** rotatable for adjusting a setting of the thermostat; and a circular cover including a clear circular center portion surrounded by a painted outer portion. The clear circular center portion permits a corresponding circular portion of a non-circular dot-matrix color **display** element to be visible through the circular cover and the painted outer portion masks a remaining portion of the non-circular dot-matrix color **display** element so as to create a circular **graphical user interface**.

42/460 © EPODOC / EPO

- PN - [WO2017215732](#)_A1 20171221
- PR - WO2016EP63543 20160614
- AP - WO2016EP63543 20160614
- DT - *; Rep
- CCI - [G05B19/41815](#)
- PA - ABB SCHWEIZ AG [CH]

TI - A COLLABORATIVE ROBOT SYSTEM AND A METHOD FOR CONFIGURATION THEREOF

AB - The present invention relates to a collaborative robot system (1) comprising a plurality of devices (1a-d, 2a-b, 3) **connected** to a common **network** (10), wherein at least one of the devices is an industrial robot (1a-d). Each of the devices comprises a zero-configuration **network** module (12) configured to allow the devices to discover the other devices **connected** to the **network**, and one of the devices **connected** to the **network** comprise a **user** interactive module (20) configured to dynamically generate a **graphical user interface** adapted to **display** information about the devices **connected** to the **network**, and to allow a **user** to select a group of collaborative devices among the devices **connected** to the **network** for cooperation with each other in order to perform a common task.

43/460 © EPODOC / EPO

PN - [US2016130130](#) A1 20160512

PR - US201514922646 20151026; US201462076533P 20141107

AP - US201514922646 20151026

DT - **

CT - || R141 (A1)
[US2014129038](#) A1 20140508 [] (FINNELL SCOTT A [US], et al);
[US2010089486](#) A1 20100415 [] (KOENINGER ROBERT C [US], et al)

CCI - [B67D7/04](#) ; [B67D7/342](#) ; [B67D7/348](#)

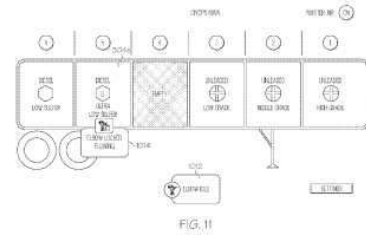
CUI - [G05B15/02](#)

CCA - [B67D2007/0446](#) ; [B67D2007/0448](#) ; [B67D2007/0449](#)

PA - CAPITAL FORMATION INC [US]

TI - CROSSOVER PROTECTION SYSTEM **GRAPHICAL USER**INTERFACES

AB - Crossover protection system **graphical user** interfaces, crossover protection systems that **display graphical user** interfaces, and methods for pairing tank delivery **connectors** with product delivery vehicle systems are provided. A tank delivery **connector** reads a tank tag with a tank tag reader, and transmits a tank tag indicator associated with the tank tag with **network interface** hardware. An electronic control unit receives the tank tag indicator with **network interface** hardware, determines a distribution tank fuel type associated with a distribution tank based on the tank tag indicator, determines that the tank delivery **connector** is associated with a tank compartment of a product delivery vehicle based on the tank tag indicator, and displays a **graphical user interface** on the **display**. The **graphical user interface** includes a tank delivery **connector graphic** displayed proximate a tank compartment **graphic** to indicate that the tank delivery **connector** is associated with the first tank compartment.



44/460 © EPODOC / EPO

PN - [WO2016073267](#) A1 20160512

PR - US201462076533P 20141107; US201514922646 20151026

AP - WO2015US57987 20151029

DT - *; Rep

CT - |KR| ISR (A1)
[US2014129038](#) A1 20140508 [XYA] (FINNELL SCOTT A [US], et al)
[X] 1-3, 6
* See paragraphs [0024]-[0028], [0040], [0049], [0051], [0056] and figures 1-5. *
[Y] 14-18
[A] 4, 5, 7-13, 19, 20;
[US2014316589](#) A1 20141023 [Y] (LICHTASH AVI [US])
[Y] 14-18
* See paragraphs [0031], [0040] and figures 1, 6. *;
[US2010089486](#) A1 20100415 [A] (KOENINGER ROBERT C [US], et al)
[A] 1-20
* See paragraph [0073] and figure 13. *;
[US2004085200](#) A1 20040506 [A] (MCCONNEL LEE A [US], et al)
[A] 1-20
* See paragraphs [0020]-[0028] and figures 1, 2. *;
[US2010023170](#) A1 20100128 [A] (SHERWOOD RANDALL L [US])
[A] 1-20
* See paragraphs [0078]-[0091] and figures 4, 5. *

CCI - [B67D7/04](#) ; [B67D7/342](#) ; [B67D7/348](#)

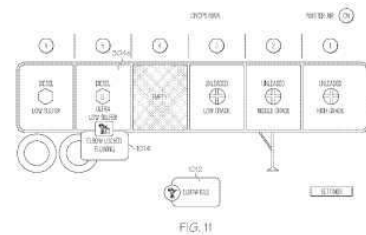
CUI - [G05B15/02](#)

CCA - [B67D2007/0446](#) ; [B67D2007/0448](#) ; [B67D2007/0449](#)

PA - DELAWARE CAPITAL FORAMTION INC [US]

TI - CROSSOVER PROTECTION SYSTEM **GRAPHICAL USER**INTERFACES

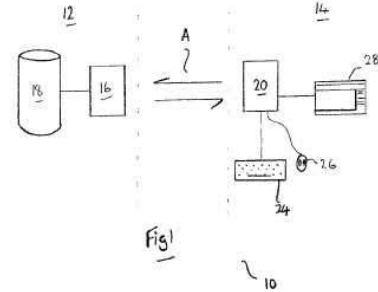
AB - Crossover protection system **graphical user** interfaces, crossover protection systems that **display graphical user** interfaces, and methods for pairing tank delivery **connectors** with product delivery vehicle systems are provided. A tank delivery **connector** reads a tank tag with a tank tag reader, and transmits a tank tag indicator associated with the tank tag with **network interface** hardware. An electronic control unit receives the tank tag indicator with **network interface** hardware, determines a distribution tank fuel type associated with a distribution tank based on the tank tag indicator, determines that the tank delivery **connector** is associated with a tank compartment of a product delivery vehicle based on the tank tag indicator, and displays a **graphical user interface** on the **display**. The **graphical user interface** includes a tank delivery **connector graphic** displayed proximate a tank compartment **graphic** to indicate that the tank delivery **connector** is associated with the first tank compartment.



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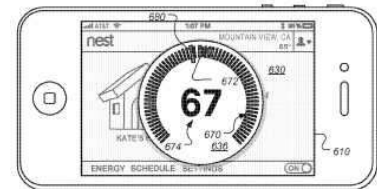
PN - [CN105556522](#) A 20160504
 PR - WO2014G852248 20140723; GB20130013112 20130723
 AP - CN2014852191 20140723
 DT - I
 CT - || STSE (A)
[US2002002511](#) A1 20020103 [A] (YIM YOUNG HO [KR], et al)
 [A] 1-16
 * 全文 *;
[CN1342954](#) A 20020403 [X] (MATSUSHITA ELECTRIC WORKS LTD [JP])
 [X] 1-16
 * 说明书第4页第15行-第16页第12行, 附图1-32 *;
[US2005081161](#) A1 20050414 [A] (MACINNES CATHRYN [US], et al)
 [A] 1-16
 * 全文 *;
[US2009160856](#) A1 20090625 [A] (HOGUET RAMSAY [US])
 [A] 1-16
 * 全文 *;
[CN103020340](#) A 20130403 [A] (MVT GROUP MULTIANGLE VIRTUAL TECHNOLOGY GROUP INC)
 [A] 1-16
 * 全文 *

CCI - [G06F17/5004](#)
 CUI - [G06F3/04815](#) ; [G06T17/10](#)
 CCA - [G06F2217/04](#)
 CUA - [G06T2200/24](#)
 PA - WEST RETAIL GROUP LTD
 TI - Room planning system and method
 AB - A room planning system, generally at (10), comprises a host site (12) and a local site (14), two -way communication between which is represented by arrows A. On the host site is a host processor (16), which is **connected** to a database (18). On the local site is a local processor (20) that is **connected** to user input apparatus, in the form of a keyboard (24) and mouse (26), and to a **graphical user interface**, in the form of a **display** (28). The database (18) contains data of a plurality of types of product that are available for the design of a room space. In the example of a kitchen room space, the database contains product details of items such as room fixtures, floor units, wall units, worktops, handles, cornices, plinths, pelmets, sinks, taps, appliances and accessories. The host processor (16) is in communication with one or more local processors (20) via a communications **network** represented by arrows A, which could be a wide area **network**, such as the Internet. The local processor (20), which may comprise a personal computer, has stored thereon a computer programme for causing the processor (20) carry out a room space design method, and for displaying a design template, and an image of the design, on the **display** (28), as will be described below. A 3-D engine, located within the local processor (20), is able to create and **display** a virtual room space on the **display** (28).



46/460 © EPDOC / EPO

PN - [CN105492988](#) A 20160413
 PR - WO2014US34924 20140422; US201313871852 20130426
 AP - CN2014831688 20140422
 DT - I
 CT - || STSE (A)
[US7140551](#) B2 20061128 [A] (DE PAUW JURIANUS [NL], et al)
 [A] 1-32
 * 全文 *;
[CN101568945](#) A 20091028 [Y] (SAVANT SYSTEMS LLC [US])
 [Y] 1-32
 * 权利要求1 *;
[US2011257795](#) A1 20111020 [A] (NARAYANAMURTHY RAMACHANDRAN [US], et al)
 [A] 1-32
 * 全文 *;
[US2012005590](#) A1 20120105 [A] (LOMBARD STUART [CA], et al)
 [A] 1-32
 * 全文 *;
[US2012130547](#) A1 20120524 [Y] (FADELL ANTHONY M [US], et al)
 [Y] 1-32
 * 权利要求8、说明书的具体实施方式部分、说明书附图1-4 *



CCI - [G05D23/1905](#) ; [F24F11/30](#) ; [F24F11/62](#)
 CUI - [G05B15/02](#) ; [G06F3/04845](#) ; [G06F3/04883](#) ; [G06F3/04886](#) ; [G06F3/04847](#)
 CQI - [F24F11/0086](#)
 CCA - [F24F11/58](#) ; [F24F11/52](#)
 CUA - [F25B2600/07](#) ; [F24F11/64](#) ; [F24F11/54](#) ; [F24F11/56](#)
 PA - GOOGLE INC
 TI - Touch screen device **user interface** for remote control of a thermostat
 AB - Systems and methods are described for interactively and **graphically** interfacing with a **user** on an HVAC system controlled by a thermostat. The **user interface** is implemented on a touch screen **display** on a remote wirelessly **connected** device such as smart phone or a tablet PC. The **interface** displays a screen that mimics the **display** on the thermostat including allowing one or more input methods that are analogous to input methods used on the thermostat. Touch screen gestures such as touch and drag,

touch and hold and tapping are used in an intuitive way. The user experience is enhanced by allowing large-scale changes while reducing the risk of sudden unintended changes. The control signals are judiciously tailored to protect the HVAC equipment from unwarranted over-controlling, reduce unnecessary network traffic, and prevent the waste of energy.

47/460 © EPDOC / EPO

PN - CA2906270 A1 20160326

PR - US201462056251P 20140926; US201514866140 20150925

AP - CA20152906270 20150928

DT - I

PA - PIC MICKAEL [CA]

TI - GRAPHICAL USER INTERFACE FOR A COMMON INTEREST SOCIAL NETWORK

AB - The present document describes a system for generating a graphical user interface for display by a client computer. The system comprises a server, with various components, for communicating with a plurality of client computers. The server is made to get in a database memory a plurality of pieces of conceptual information and a first threshold associated to a first user account, and a plurality of pieces of conceptual information and a second threshold associated to a second user account; to determine if the relative numbers of pieces of conceptual information that the first user account and the second user account have in common both exceed the first threshold and the second threshold, respectively; and to generate a graphical user interface dataset and sending the graphical user interface dataset to the first client computer for display, the graphical user interface suggesting a connection to the second user account.

48/460 © EPDOC / EPO

PN - CN105409161 A 20160316

PR - WO2014US39669 20140528; US201313904896 20130529; US201313904909 20130529; US201313904932 20130529; US201313904944 20130529; US201313904936 20130529; US201313904923 20130529; US201313904949 20130529

AP - CN2014842472 20140528

DT - I

CT - || STSE (A)

WO2009086599 A1 20090716 [A] (AVEGA SYSTEMS PTY LTD [AU], et al)

[A] 1-15

* 全文 *

CN101595711 A 20091202 [A] (SONY ERICSSON MOBILE COMM AB [SE])

[A] 1-15

* 全文 *

CA2947275 A1 20121011 [A] (SONOS INC [US])

[A] 1-15

* 全文 *

WO2013049346 A1 20130404 [A] (SONOS INC [US])

[A] 1-15

* 全文 *

CTNP - || STSE (A)

[A] - SONOS, "《Sonos Controller for Mac or PC Product Guide》", <http://www.PlayMediaWorld.co.uk>

[A] 1-15

* 全文 *

CCI - H04L12/12 ; H04L12/6418

CCA - Y02D50/40

PA - SONOS INC

TI - Playback queue control via a playlist on a mobile device

AB - Embodiments provided herein involve connected states between a mobile device and one or more zones in a network media system and different interactions between the mobile device and the network media system involving the connected states. The connected states may be established between the mobile device and the one or more zones such that further actions taken on media items identified in the playlist on the mobile device may also be taken on corresponding media items in a playback queue associated with the one or more zones. The interface on the mobile device may display various graphical representations to indicate the different interactions involving the connected states, including when a connected state is established, when a connected state is lost, and when a reconnected state is reestablished. The interface may further provide selectable icons to allow a user to navigate among the different media playback options involving the connected states.

49/460 © EPDOC / EPO

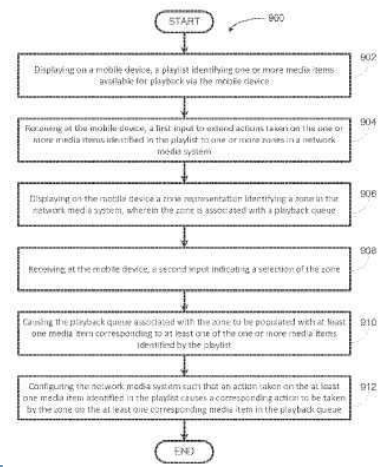


FIGURE 9

PN - [WO2016126859](#) A1 20160811
 PR - US201562111488P 20150203
 AP - WO2016US16427 20160203
 DT - *; Rep
 CT - |EP| ISR (A1)
[US2014365241](#) A1 20141211 [X] (DILLIE CHRISTOPHER THOMAS [US], et al)
 [X] 1,2
 * paragraph [0003] - paragraph [0016] *
 * paragraph [0047] - paragraph [0082] *
 * figures 1-5 *
 [I] 3-9;
[US2009204421](#) A1 20090813 [A] (GUIMARAES MANUEL JORGE VAZ DA CUNHA [PT])
 [A] 1-9
 * paragraph [0042] *
 * figure 2 *;
[US2011154241](#) A1 20110623 [A] (SKIDMORE JOHN [US], et al)
 [A] 1-9
 * paragraph [0044] *
 * figure 3 *;
[US2005114283](#) A1 20050526 [A] (PEARSON PHILIP [US], et al)
 [A] 1-9
 * paragraph [0084] *

CCI - [G16H10/60](#)
 PA - UNIV TEXAS TECH SYSTEM [US]
 TI - **GRAPHICAL USER INTERFACE SYSTEM FOR INTERACTIVE, HIERARCHICAL, MULTI-PANEL COMPREHENSION OF MULTI-FORMAT DATA**
 AB - Disclosed is a system and method for summary **display** of patient records obtained via various database systems for patient admittance and treatment in different scenarios such as emergency, intensive care unit, trauma, routine health care departments, personalize medicine, or regular monitoring of individual health. The present disclosure automates and integrates the transfer of records of patients to receiving facilities, providing both discreet data and digital images of the patient care record in a summary **graphical user interface** a "user friendly medical interface" which enable health care providers to learn in more depth and in short time the conditions of the patient including historical data. The system also employs a touch screen function and can be access using a bar code or finger print or any other mechanism such as voice recognition to **connect** smart phones, tablets, laptops or any other electronic device. The system provides a single interaction point for all nodes on the **network**, which allows a **user** to integrate with the platform a single time regardless of the number of **network** interactions. Further, the system allows for **user** data entry by health providers or patients using an interactive **interface** to populate forms pre-loaded with previous visit information to save form filling time prior to admittance.

50/460 © EPODOC / EPO

PN - [KR101583250B](#) B1 20160119
 PR - KR20140183268 20141218
 AP - KR20140183268 20141218
 DT - I
 CT - || STSE (B1)
[US2004165709](#) A1 20040826 []

CNOI - [H04L43/00](#) ; [H04L41/00](#)
 PA - ITIAN CO LTD [KR]
 TI - CALL TRACING SYSTEM AND METHOD

AB - The present invention is to provide a call tracing system and a method thereof capable of effectively preventing a failure of a soft switch, which is generated as a traditional call trace device is directly **connected** to the soft switch to treat an operation, since a call trace device does not execute call trace by immediately **connecting** to the soft switch and executes the call trace by **connecting** to a mirroring server, easily executing the call trace by regular people who are unskilled in a switchboard system, a computer programming, and an applied program by being formed to let a general **user** execute the call trace through Internet web screen or **graphic user interface**, determining whether a protocol of a telephone **network** is an integrated services digital **network user** part (ISUP) or a session initiation protocol (SIP), being **connected** to various telephone **networks** by executing the call trace in response to the determined protocol, providing various call trace information by being formed to process and **display** the call trace information by **connected** line identification/caller identification which is set by a **user**, a circuit indication code (CIC), the time, etc., and effectively preventing a delay of a normal call by reducing load of the soft switch due to an abnormal call.

51/460 © EPODOC / EPO

PN - [JP2016015136](#) A 20160128
 PR - US201414315320 20140625
 AP - JP20150126120 20150624
 DT - I
 CCI - [G08B21/12](#) ; [H04N7/181](#)
 CUI - [H04N7/18](#)
 CQI - [G06F3/04847](#) ; [G06F3/04842](#)
 FI - G06F3/04847A2; G06F3/04842A2
 FT - 5E555/AA33; 5E555/AA57; 5E555/AA74; 5E555/BA02; 5E555/BA04; 5E555/BA45; 5E555/BA85; 5E555/BB02; 5E555/BB04; 5E555/BC15; 5E555/CA31; 5E555/CA41; 5E555/CA42; 5E555/CA44; 5E555/CA45; 5E555/CA47; 5E555/CB40; 5E555/CB74; 5E555/CB78; 5E555/CB81; 5E555/CB82; 5E555/CC24; 5E555/CC25; 5E555/DB11; 5E555/DB41; 5E555/DB55; 5E555/DB56; 5E555/DC13;

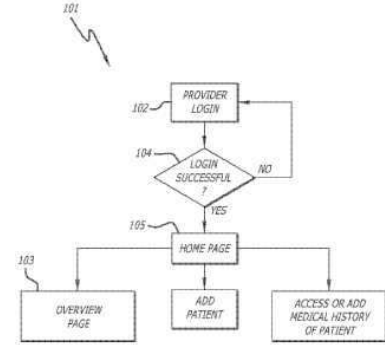
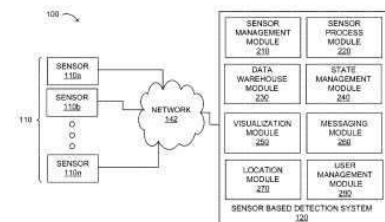


FIG. 1



	5E555/DC26; 5E555/DC27; 5E555/DC31; 5E555/DC40; 5E555/DD06; 5E555/DD07; 5E555/DD08; 5E555/EA08; 5E555/EA10; 5E555/FA02
PA	- ALLIED TELESIS HOLDINGS KK; ALLIED TELESIS INC
TI	- GRAPHIC USER INTERFACE FOR SENSOR BASE DETECTION SYSTEM
AB	- PROBLEM TO BE SOLVED: To provide a system and method for receiving information related to a plurality of sensors configured to detect a risk condition, and including meta data and measurement value data of the sensors, and for rendering the information to a graphic user interface on a display device.SOLUTION: A sensor base detection system including various network-connected sensors is configured to perform the monitoring (for example, continuous real time monitoring, sporadic monitoring, and planned monitoring or the like) of the measurement values or data of the sensors and related sensors (for example, the measurement values of peripheral sensors), and to determine whether or not the measurement values from the sensors are normal or no-risk measurement values from the sensors related to one or more risks, enhanced measurement values from the sensors related to one or more risks, latently warning measurement values from the sensors related to one or more risks, or warnings from the sensors related to one or more risks, and to allow a GUI to indicate the measurement values of the sensors, the states of the sensors and the positions of the sensors on a map or the like.
52/460	© EPODOC / EPO
PN	- US2016026560 _A1 20160128
PNFP	- US9384121 B2 20160705
PR	- US201514875276 20151005; US201213435925 20120330; US20100927426 20101115; US20060503580 20060814
AP	- US201514875276 20151005
DT	- **
CT	- R141 (A1) US6134582 _A 20001017 [] (KENNEDY KEVIN ALAN [US]); US6563523 _B1 20030513 [] (SUCHOCKI EDWARD J [US], et al); US2013031449 _A1 20130131 [] (GRIFFITHS PETER [US], et al) - STSE (B2) US6134582 _A 20001017 [] (KENNEDY KEVIN ALAN [US]); US6563523 _B1 20030513 [] (SUCHOCKI EDWARD J [US], et al); US2013031449 _A1 20130131 [] (GRIFFITHS PETER [US], et al)
CCI	- H04L41/0253 ; H04L43/50 ; G06F11/3664 ; G06F8/34 ; H04L41/22 ; H04W4/00 ; H04W4/027 ; H04W4/029
CUI	- G06F11/3688 ; G06F11/3692 ; G06F3/017 ; H04M3/242 ; H04M3/28 ; G06F3/04842
CCA	- G06F11/3414 ; G06F11/3438
PA	- (A1 B2) SOASTA INC [US]
TI	- (A1) Functional Test Automation for Gesture-Based Mobile Applications - (B2) Functional test automation for gesture-based mobile applications
AB	- (A1 B2) A method for cloud-based functional testing of a mobile application includes running a functional test program on a server. The functional test program provides a graphical user interface (GUI) that allows a user to select a mobile application and a mobile computing device having a touch-sensitive display screen for receiving user input. The mobile computing device is located remote to the server. The functional test program launches the mobile application on the mobile computing device via a wireless network connection . The server receives precision elements of each gesture-based input on the touch-sensitive display screen, the precision elements being captured and transmitted from the mobile computing device to the server during execution of the mobile application. The precision elements of each gesture-based input are then recorded in a test clip.
53/460	© EPODOC / EPO
PN	- AU2014268526 _A1 20160121
PR	- US201313902560 20130524; WO2014US39144 20140522
AP	- AU20140268526 20140522
DT	- I
CCI	- G06F17/30867 ; G06Q50/01
CQI	- G06F3/0482
PA	- FACEBOOK INC
TI	- User-based interactive elements for content sharing
AB	- In one embodiment, a method includes providing for display to a user of a computing device a first user interface of a first application. The device provides for display in connection with the first user interface multiple interactive elements that each correspond to a node of a social graph associated with a social- networking system. The device receives user input selecting one of the interactive elements and in response to the user input provides for presentation to the user a second user interface of a second application for communicating with the node of the social graph corresponding to the selected interactive element. The second user interface provided for presentation is automatically associated with the user , the node of the social graph corresponding to the selected one of the interactive elements, and content associated with the first application.

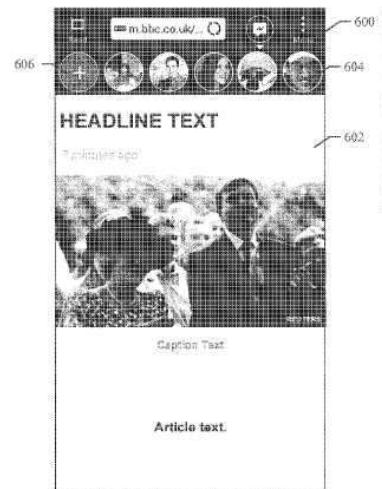


FIG. 6A

54/460 © EPODOC / EPO

PN - [KR101570424B](#) B1 20151120

PR - KR20140065223 20140529

AP - KR20140065223 20140529

DT - I

PA - LG ELECTRONICS INC [KR]

TI - MOBILE TERMINAL AND CONTROL METHOD FOR THE MOBILE TERMINAL

AB - The present invention relates to a mobile terminal capable of a wireless **connection** to an external **display** device, and a method for controlling the same. According to embodiments of the present invention, the mobile terminal includes: a **display** unit displaying a first screen; a wireless communication unit which performs a wireless **connection** for wirelessly communicating to at least one **display** device through a **network**; and a control unit which provides a **display** device with a **graphical user interface** (GUI) corresponding to the first screen output on the **display** unit when **connected** to the **display** device, and executes at least one from a first mode and a second mode which differentiate the appliance range of a device on which a screen control is performed, based on information related to the state of the **display** device and a main body when input signals related to the screen control are received. The control unit, in the first mode, controls the second screen corresponding to the GUI outputted on the **display** device and the first screen outputted on the **display** unit based on the received input signals, and in the second mode, changes the GUI corresponding to the second screen while keeping the first screen based on the received input signals and provides the outcome to the **display** device, or controls the first screen while keeping the second screen.

55/460 © EPODOC / EPO

PN - [CA2912831](#) A1 20141127

PR - US201313902560 20130524; WO2014US39144 20140522

AP - CA20142912831 20140522

DT - I

CCI - [G06F17/30867](#) ; [G06Q50/01](#)

CQI - [G06F3/0482](#)

PA - FACEBOOK INC [US]

TI - **USER**-BASED INTERACTIVE ELEMENTS FOR CONTENT SHARING

AB - In one embodiment, a method includes providing for **display** to a **user** of a computing device a first **user interface** of a first application. The device provides for **display** in **connection** with the first **user interface** multiple interactive elements that each correspond to a node of a social **graph** associated with a social-**networking** system. The device receives **user** input selecting one of the interactive elements and in response to the **user** input provides for presentation to the **user** a second **user interface** of a second application for communicating with the node of the social **graph** corresponding to the selected interactive element. The second **user interface** provided for presentation is automatically associated with the **user**, the node of the social **graph** corresponding to the selected one of the interactive elements, and content associated with the first application.

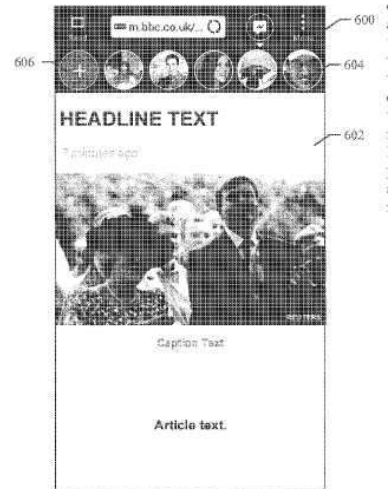


FIG. 6A

56/460 © EPODOC / EPO

PN - [AU2014257207](#) A1 20151105

PR - US201313871852 20130426; WO2014US34924 20140422

AP - AU20140257207 20140422

DT - I

CCI - [G05D23/1905](#) ; [F24F11/30](#) ; [F24F11/62](#)

CUI - [G05B15/02](#) ; [G06F3/04845](#) ; [G06F3/04883](#) ; [G06F3/04886](#) ; [G06F3/04847](#)

CQI - [F24F11/0086](#)

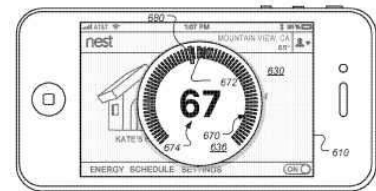
CCA - [F24F11/58](#) ; [F24F11/52](#)

CUA - [F25B2600/07](#) ; [F24F11/64](#) ; [F24F11/54](#) ; [F24F11/56](#)

PA - GOOGLE INC

TI - Touchscreen device **user interface** for remote control of a thermostat

AB - Systems and methods are described for interactively and **graphically** interfacing with a **user** on an HVAC system controlled by a thermostat. The **user interface** is implemented on a touch screen **display** on a remote wirelessly **connected** device such as smartphone or a tablet PC. The **interface** displays a screen that mimics the **display** on the thermostat including allowing one or more input methods that are analogous to input methods used on the thermostat. Touch screen gestures such as touch and drag, touch and hold and tapping are used in an intuitive way. The **user** experience is enhanced by allowing large-scale changes while reducing the risk of sudden unintended changes. The control signals are judiciously tailored to protect the HVAC equipment from unwarranted over-controlling, reduce unnecessary **network** traffic, and prevent the waste of energy.



57/460 © EPODOC / EPO

PN - [IN1211KOL2013](#) A 20150501

PR - IN2013KOL1211 20131025

AP - IN2013KOL1211 20131025

DT - I

PA - SCHNEIDER ELECTRIC IND SAS [FR]

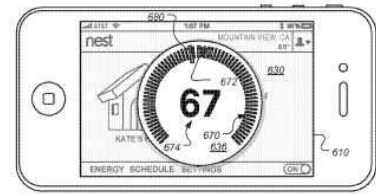
TI - A HARDWARE DEBUG AND DIAGNOSTIC TOOL AND METHOD OF DEBUGGING HARDWARE DEVICES

AB - The present invention discloses a hardware debug and diagnostic tool and method of debugging hardware devices. The hardware debug and diagnostic tool

includes an input module configured to be **connected** with one or more hardware devices and for generating a template corresponding to each one or more hardware devices, a control unit for processing **user** inputs based on a predefined embedded logic, a generator unit for accepting the inputs from the control unit and generating a report which can be printed or saved on any **network** storage device and an **user interface** for displaying the hardware device templates with their configuration, wherein the debug and diagnostic tool is configured to **display** data flow between the hardware device templates and **display** the dependency **graphs** in run time.

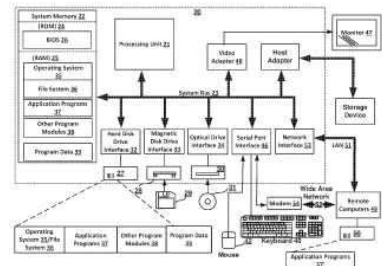
58/460 © EPODOC / EPO

PN - [CA2910188](#) A1 20141030
 PR - US201313871852 20130426; WO2014US34924 20140422
 AP - CA20142910188 20140422
 DT - I
 CCI - [G05D23/1905](#) ; [F24F11/30](#) ; [F24F11/62](#)
 CUI - [G05B15/02](#) ; [G06F3/04845](#) ; [G06F3/04883](#) ; [G06F3/04886](#) ; [G06F3/04847](#)
 CQI - [F24F11/0086](#)
 CCA - [F24F11/58](#) ; [F24F11/52](#)
 CUA - [F25B2600/07](#) ; [F24F11/64](#) ; [F24F11/54](#) ; [F24F11/56](#)
 PA - GOOGLE INC [US]
 TI - TOUCHSCREEN DEVICE **USER INTERFACE** FOR REMOTE CONTROL OF A THERMOSTAT
 AB - Systems and methods are described for interactively and **graphically** interfacing with a **user** on an HVAC system controlled by a thermostat. The **user interface** is implemented on a touch screen **display** on a remote wirelessly **connected** device such as smartphone or a tablet PC. The **interface** displays a screen that mimics the **display** on the thermostat including allowing one or more input methods that are analogous to input methods used on the thermostat. Touch screen gestures such as touch and drag, touch and hold and tapping are used in an intuitive way. The **user** experience is enhanced by allowing large-scale changes while reducing the risk of sudden unintended changes. The control signals are judiciously tailored to protect the HVAC equipment from unwarranted over-controlling, reduce unnecessary **network** traffic, and prevent the waste of energy.



59/460 © EPODOC / EPO

PN - [US2015326708](#) A1 20151112
 PR - RU20140118550 20140508
 AP - US201514667713 20150325
 DT - *; Rep
 CT - || R141 (A1)
 US2002092019 A1 20020711 [] (MARCUS DWIGHT [US]);
 US2004230659 A1 20041118 [] (CHASE MICHAEL JOHN [US]);
 US2006072721 A1 20060406 [] (WISNIEWSKI MACIEJ [US]);
 US2007005795 A1 20070104 [] (GONZALEZ RUBEN [AU]);
 US7181438 B1 20070220 [] (SZABO ANDREW [US]);
 US2008045236 A1 20080221 [] (NAHON GEORGES [US], et al);
 US2008092168 A1 20080417 [] (LOGAN JAMES D [US], et al);
 US2008182566 A1 20080731 [] (CAMP JR WILLIAM O [US]);
 US2008195664 A1 20080814 [] (MAHARAJH KAVI [CA], et al);
 US2008216022 A1 20080904 [] (LORCH YOAV [IL], et al);
 US2008222687 A1 20080911 [] (EDRY ILLI [IL]);
 US2009099906 A1 20090416 [] (KIRLEY MARK [GB], et al);
 US2009113315 A1 20090430 [] (FISHER ROBERTO WARREN [US], et al);
 US2010179992 A1 20100715 [] (CHAKRA AL [US], et al);
 US2010179991 A1 20100715 [] (LORCH YOAV [IL], et al);
 US2010211868 A1 20100819 [] (KARMARKAR AMIT [US], et al);
 US2010223314 A1 20100902 [] (GADEL ISSER [IL], et al);
 US2010268682 A1 20101021 [] (LEWIS SHEENA [US], et al);
 US2011055336 A1 20110303 [] (PARK JORE [US], et al);
 US2011087971 A1 20110414 [] (KAMRANI NADER ASGHARI [US], et al);
 US2011295593 A1 20111201 [] (RAGHUVVEER ARAVINDAN [IN]);
 US2012023131 A1 20120126 [] (DOWNEY DAVID [US], et al);
 US2013166657 A1 20130627 [] (TADAYON SAIED [US]);
 US2015088848 A1 20150326 [] (HALT MEGAN H [US]);
 US2015094106 A1 20150402 [] (GROSSMAN ANDREW [US], et al);
 US2015287403 A1 20151008 [] (HOLZER ZASLANSKY NETA [IL], et al)
 CTNP - || R141 (A1)
 [] - "Object database," 03/22/2014, https://web.archive.org/web/20140322203819/https://en.wikipedia.org/wiki/Object_database,
 [] - "Fuzzy logic," 04/24/2013, https://web.archive.org/web/20130424183844/https://en.wikipedia.org/wiki/Fuzzy_logic,
 CCI - [H04L51/10](#) ; [H04L51/34](#) ; [H04L51/18](#)
 CUI - [G06F3/0484](#) ; [G06Q50/01](#) ; [H04L51/00](#) ; [G06F3/04842](#)
 CCA - [H04M1/72552](#)
 PA - GENNIS CORP [US]
 TI - SYSTEM FOR WIRELESS **NETWORK** MESSAGING USING EMOTICONS
 AB - A system for messaging, which comprises mobile computing devices of different users **connected** to each other in a **network** with each mobile device having a text input unit. The system also comprises a multimedia object storage and selection units. Multimedia objects are associated with tags describing informational content of the message and **user's** perception of a multimedia object, while the **graphic**



subsystem of the mobile device is able to **display** such objects based on tags associated with the **user** input, and the **interface** of the mobile device enables the **user** to select at least one of the objects listed, wherein the sender's mobile device is able to send multimedia to the recipient in case the sender places a command to send a multimedia object.

60/460 © EPODOC / EPO

PN - [EP3163529](#) A1 20170503

PR - EP20150192388 20151030

AP - EP20150192388 20151030

DT - *: Rep

CT - || STSE (A1)
[US9159095](#) B1 20151013 [I] (SMITH MONICA C [US])
[I] 1-15
* abstract *
* column 1, line 36 - column 4, line 65 *
* column 8, line 26 - column 10, line 3 *;
[US2015199712](#) A1 20150716 [A] (RADZIWONCZYK-SYTA ADAM MAREK [US], et al)
[A] 1-15
* the whole document *;
[US8782166](#) B1 20140715 [A] (DESHPANDE MAYUR VENKTESH [US], et al)
[A] 1-15
* the whole document *

CUI - [H04L67/1095](#) ; [H04L43/045](#) ; [H04L43/067](#) ; [H04L43/08](#) ; [H04L43/16](#) ; [G06Q30/0246](#) ; [H04L41/22](#) ; [G06F17/30312](#) ; [G06F17/30477](#)

PA - SAP SE [DE]

TI - PERFORMANCE MONITORING WITH A MOBILE TELECOMMUNICATION DEVICE

AB - The present disclosure relates to a telecommunication method for monitoring with a handheld battery powered mobile end **user** telecommunication device (104) a telecommunication process on a digital telecommunication system (100) using a telecommunication process monitoring server (108), the telecommunication process monitoring server (108) being **connectable** with the mobile end **user** telecommunication device (104) via a mobile wireless cellular digital telecommunication **network** (106), the telecommunication process monitoring server (108) further being **connectable** with a real-time database (110), the mobile end **user** telecommunication device (104) comprising a processor, a **display** device and a memory, wherein the mobile end **user** telecommunication device (104) executes a mobile application, the mobile application comprising instructions stored in the memory that, when executed on the processor, cause the processor to **display** on the **display** device a **graphical user interface** configured for presenting one or more telecommunication progress indicators providing one or more performance measurements of the telecommunication process.

61/460 © EPODOC / EPO

PN - [US9154611](#) B1 20151006

PR - US201213435925 20120330; US20100927426 20101115; US20060503580 20060814

AP - US201213435925 20120330

DT - *: Rep

CT - || STSE (B1)
[US6563523](#) B1 20030513 [] (SUCHOCKI EDWARD J [US], et al);
[US2009265423](#) A1 20091022 [] (MAHAJAN SUNIL [IN], et al);
[US2013031449](#) A1 20130131 [] (GRIFFITHS PETER [US], et al)

CCI - [H04L41/0253](#) ; [H04L43/50](#) ; [G06F11/3664](#) ; [G06F8/34](#) ; [H04L41/22](#) ; [H04W4/00](#) ; [H04W4/027](#) ; [H04W4/029](#)

CUI - [G06F11/3688](#) ; [G06F11/3692](#) ; [G06F3/017](#) ; [H04M3/242](#) ; [H04M3/28](#) ; [G06F3/04842](#)

CCA - [G06F11/3414](#) ; [G06F11/3438](#)

PA - JACKSON TANA C [US]; GARDNER KENNETH C [US]; BRODA TAL [US]; SOASTA INC [US]

TI - Functional test automation for gesture-based mobile applications

AB - A method for cloud-based functional testing of a mobile application includes running a functional test program on a server. The functional test program provides a **graphical user interface** (GUI) that allows a **user** to select a mobile application and a mobile computing device having a touch-sensitive **display** screen for receiving **user** input. The mobile computing device is located remote to the server. The functional test program launches the mobile application on the mobile computing device via a wireless **network connection**. The server receives precision elements of each gesture-based input on the touch-sensitive **display** screen, the precision elements being captured and transmitted from the mobile computing device to the server during execution of the mobile application. The precision elements of each gesture-based input are then recorded in a test clip.

62/460 © EPODOC / EPO

PN - [US2015278960](#) A1 20151001

PR - US201213547002 20120711; US201261652024P 20120525

AP - US201213547002 20120711

DT - *: Rep

CT - || R141 (A1)
[US6370510](#) B1 20020409 [] (MCGOVERN ROBERT J [US], et al);
[US2012226623](#) A1 20120906 [] (JURNEY RUSSELL [US], et al);
[US2013159293](#) A1 20130620 [] (BHASIN ANMOL [US], et al);
[US2013024241](#) A1 20130124 [] (PAPAS ARTHUR L P [US], et al);
[US2011276631](#) A1 20111110 [] (SCHMITT STEVEN J [US])

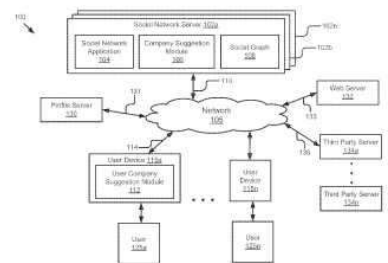
CCI - [H04L67/306](#) ; [G06Q50/01](#)

CUI - [G06F3/0482](#)

PA - MOORE MATTHEW AARON [US]; CHANDRA SUNIL [US]; GOOGLE INC [US]

TI - Identifying and Suggesting Companies With Employment Opportunities Within a Social **Network**

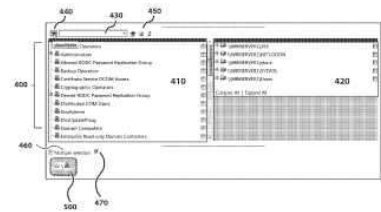
AB - The present disclosure describes systems and methods for identifying and suggesting entities with employment opportunities within social **networks**. The systems and methods are configured to identify and suggest companies to users who are **connected** in a social **graph**, by retrieving **user connection**



The diagram illustrates the network architecture of the proposed system. It shows a Mobile Network (MN) connected to a Public Land Mobile Network (PLMN) via a core network. A User Equipment (UE) is shown connected to the MN. A legend indicates that a solid line represents a terrestrial network and a dashed line represents a satellite network.

HYBRIDTELECOMMUNICATIONS NETWORK CONNECTION INDICATOR

	- (B2) Hybrid telecommunications network connection indicator
AB	- (A1 B2) A mobile device having capabilities to access connections to cellular and Wi-Fi portions of a hybrid telecommunications network is configured to display a variety of different icons that graphically indicate a current connection status for both data usage and voice calling on a graphical user interface (GUI). A user can put the GUI into an expanded state to show additional information about the connection status including textual descriptions of icons to instruct the user as to the specific meaning of a given icon. The textual descriptions enable an association between the iconography and the connection state to be established for the user . The icons can then quickly and effectively convey connection state to the user in a comprehensive manner while efficiently using the available display space on the device.
64/460	© EPODOC / EPO
PN	- CN104899258 A 20150909
PR	- CN20151255702 20150519
AP	- CN20151255702 20150519
DT	- I
CTNP	- STSE (A) [X] - 马晶, "面向海量文献信息的可交互可视化分析系统的研究与实现", 《中国优秀硕士学位论文全文数据库 信息科技辑》, [X] 1-7 * 正文第14-15, 28-38, 49-50, 58页 *
CNOI	- G06F17/30156 ; G06F17/30153
PA	- UNIV CHONGQING
TI	- Interactive visualized analysis system structure facing massive document information
AB	- Along with the booming development of academic research, quantity of academic document is larger and larger, and demands on document data analysis is prominent day by day. The invention belongs to an interactive visualized analysis system structure facing massive document information, the interactive visualized analysis system structure suitable for the massive document data is established, and the original massive data are calculated by using classifying and clustering thoughts, so the problem that the analysis result of a scientific document network is lack of graphic display is solved. The structure is divided into four layers: a user interface layer, an analysis result layer, an analysis statistical layer and a data model layer. The user interface layer is a system- user interaction interface ; the analysis result layer realizes visualized display of an analysis result; the analysis statistical layer realizes analysis of massive documents and the data model layer maintains connection of a database and realizes access of the database. The structure analyzes the massive documents, realizes visualized display and realizes interaction function with a user .
65/460	© EPODOC / EPO
PN	- US2015256526 A1 20150910
PR	- US201514617264 20150209; US201314057379 20131018
AP	- US201514617264 20150209
DT	- *; Rep
CT	- R141 (A1) US6408336 B1 20020618 [] (SCHNEIDER DAVID S [US], et al); US2006031480 A1 20060209 [] (NIJEMCEVIC SASA [CA], et al); US2007015506 A1 20070118 [] (HEWETT PAUL L JR [US], et al); US2006026655 A1 20060202 [] (PEREZ MILTON D [US]); US5491791 A 19960213 [] (GLOWNY DAVID A [US], et al); US6966033 B1 20051115 [] (GASSER MORRIE [US], et al); US2008046808 A1 20080221 [] (MALKIN PETER K [US], et al)
CTNP	- R141 (A1) [] - Reeder et al., "Expandable Grids for Visualizing and Authoring Computer Security Policies", 2008, CHI 2008 Proceedings, pp. 1473-1482.
CCI	- H04L63/08 ; H04L63/20
CCA	- H04L63/10
PA	- GB & SMTIH SARL [FR]
TI	- MATRIX SECURITY MANAGEMENT SYSTEM FOR MANAGING USER ACCOUNTS AND SECURITY SETTINGS
AB	- A network accessible user interface system for managing computer security rights is provided. The user interface system may include a graphical user interface for displaying and managing access rights to computer resources on at least one computer system, network or environment, a collapsible navigation tool, and an administrator authentication module. The graphical user interface may connect to one or more computer systems, networks or environments using the administrator's credentials for each environment and may allow the administrator to administrate the computer systems, networks or environments simultaneously. The graphical user interface may contain security matrices, each with at least two axes that display the resource and resource container hierarchy of the computer system and/or network and/or environment, and also display the security principal hierarchy of the computer system and/or network and/or environment, as well as the access rights the principals have to the corresponding resources on the computer system and/or network and/or environment.
66/460	© EPODOC / EPO
PN	- TW201512849 A 20150401
PR	- TW20130134609 20130925
AP	- TW20130134609 20130925
DT	- I
PA	- TAIWAN SECOM CO LTD [TW]
TI	- Cluster control system



AB - A cluster control system cooperates with a handheld touch device that sends out a controlling message relative to a touch action through a **network**, and includes a plurality of host computers. The controlling message includes a cursor moving command and/or an event operating command. Each of the host computers includes a screen, a **network** module, a storage module and a control module. The screen displays a **graphical user interface** (GUI) with a **display** coordinate and a cursor. The **network** module **connects** with the **network** to receive the controlling message. The storage module stores distribution information about the relative positions of the screens. The control module determines one of the host computers as a first host in a controlled state according to the **display** coordinate of each screen and the cursor moving command, thereby the first host executes the cursor moving command or the event operating command resulting from operating the handheld touch device conveniently.

67/460 © EPDOC / EPO

PN - [CN104457216](#) A 20150325

PR - CN20131430892 20130920

AP - CN20131430892 20130920

DT - I

PA - XI AN KUOLI MECHANICAL & ELECTRICAL TECHNOLOGY CO LTD

TI - Control system of vacuum consumable electrode electric-arc furnace

AB - The invention discloses a control system of a vacuum consumable electrode electric-arc furnace. The control system comprises an upper computer, a lower computer, a consumable electrode melting speed detecting unit, a power detecting unit, an arc current adjusting unit and a consumable electrode lifting control unit. An **interface network** is **connected** between the upper computer and the lower computer and formed by **connecting** a communication card and a communication **interface** in series. The control system is simple in structure, convenient to install and lay and low in investment cost, communication between the upper computer and the lower computer is achieved by calling a dynamic link library of a Prosave software package, and therefore data transmission is high in speed and accuracy; in the melting process, real-time **graphs** and animation **display** can be generated, and a diachronic database is formed for **user** inquiry; melting technological parameters can be automatically optimized by the upper computer according to historical data, the electric-arc furnace is fully automatically controlled, and the problems that existing control system equipment is high in failure rate, large in maintenance quantity and stable in product quality and is greatly affected by human factors can be effectively solved.

68/460 © EPDOC / EPO

PN - [US2015109332](#) A1 20150423

PR - US201414515246 20141015; US201361892032P 20131017

AP - US201414515246 20141015

DT - *; Rep

CT - || R141 (A1)

[US2010023859](#) A1 20100128 [] (DAWSON CHRISTOPHER J [US], et al);

[US2012249588](#) A1 20121004 [] (TISON JACK D [US], et al);

[FR2990286](#) A1 20131108 [] (SCHNEIDER ELECTRIC IND SAS [FR]);

[WO2013167523](#) A1 20131114 [] (SCHNEIDER ELECTRIC IND SAS [FR]);

[US2014006762](#) A1 20140102 [] (BITTNER WILLIAM K [US], et al);

[US2014146038](#) A1 20140529 [] (KANGAS PAUL D [US], et al);

[US2013031202](#) A1 20130131 [] (MICK JASON L [US], et al);

[US2012255710](#) A1 20121011 [] (MASELLI JOSEPH B [US], et al)

CTNP - || R141 (A1)

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CCI - [G06F11/3006](#) ; [G06F11/3055](#) ; [G06F11/328](#)

CUI - [G09G5/377](#) ; [G06F3/04842](#)

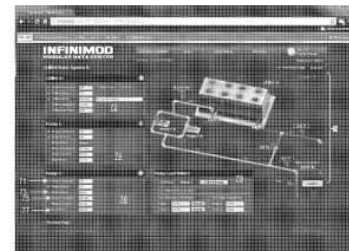
CCA - [G06F11/3058](#) ; [G06F11/327](#)

CUA - [G09G2340/12](#) ; [G09G2354/00](#)

PA - FMR LLC [US]

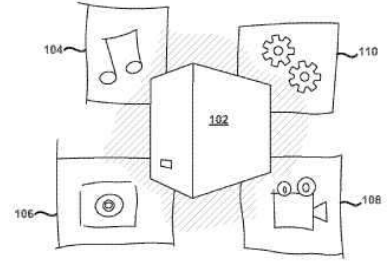
TI - REAL-TIME VISUALIZATIONS OF COMPONENTS IN A MODULAR INSTRUMENTATION CENTER

AB - A computer-implemented method for monitoring functions in an instrumentation center, the method comprising: accessing, by a monitoring system that monitors functional operation of the instrumentation center, layout information indicative of a layout of the instrumentation center, the layout information specifies a number of levels in the instrumentation center and types of components in each of the levels; detecting, by the monitoring system, a location of a portable **display** device that is **connected** over a **network** to the monitor system; and generating, from location data that specifies the location of the portable **display** device, information for a **graphical user interface** that when rendered on the portable **display** device renders a visualization of that portion of the instrumentation center in which the portable **display** device is currently located.



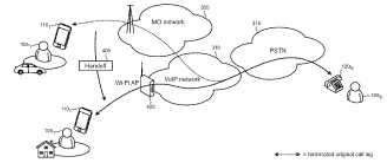
69/460 © EPDOC / EPO

PN - [WO2015050907](#) A1 20150409
 PR - US201361885437P 20131001; US201314099689 20131206
 AP - WO2014US58495 20140930
 DT - **
 CT - |KR| ISR (A1)
[US7200683](#) B1 20070403 [Y] (WANG DONGYAN [US], et al);
[US2010332565](#) A1 20101230 [Y] (AL-SHAYKH OSAMA [US], et al);
[US8296728](#) B1 20121023 [A] (WEBSTER ROGER R [US]);
[US2012179809](#) A1 20120712 [A] (BARNES ERIC L [US], et al);
[US7539836](#) B1 20090526 [A] (KLINKNER STEVEN [US])
 CCI - [H04L67/1097](#) ; [H04L65/60](#) ; [H04L65/604](#)
 CUI - [H04L43/045](#) ; [G06F3/0484](#)
 CCA - [H04L65/80](#)
 PA - WESTERN DIGITAL TECH INC [US]
 TI - VIRTUAL MANIFESTATION OF A NAS OR OTHER DEVICES AND USER INTERACTION THEREWITH
 AB - A device may comprise a **display interface** and a processor coupled to the **display interface**. The processor may be configured to couple to a remote **network-connected** device over a computer **network**; generate a **graphic** representation of the **network-connected** device on the **display** and send the generated **graphic** representation to the **display interface**. A status of the **network-connected** device may then be received over the computer **network** and cause, responsive to receiving the status of the **network-connected** device, the **graphic** representation of the **network-connected** device to change appearance depending upon the received state the **network-connected** device.



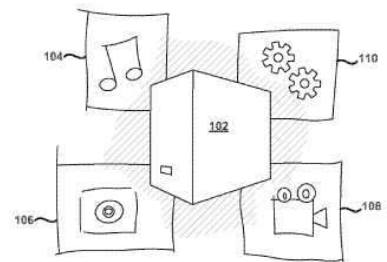
70/460 © EPDOC / EPO

PN - [WO2015142768](#) A1 20150924
 PR - US201414220071 20140319
 AP - WO2015US20848 20150317
 DT - **
 CT - |EP| ISR (A1)
[US2013035138](#) A1 20130207 [XI] (ABBOTT MARTIN JEFFREY [US])
 [X] 1-7,9,10
 * abstract *
 * paragraphs [0002], [0004], [0006], [0017], [0020], [0042] *
 * claim 16 *
 * figures 1-5 *
 [I] 8;
[WO2004057845](#) A1 20040708 [A] (SONY ERICSSON MOBILE COMM AB [SE], et al)
 [A] 1-10
 * abstract *
 * page 7, line 29 - page 11, line 18 *
 * figures 3-5 *;
[WO0211475](#) A1 20020207 [A] (LEE TAE GYU [KR])
 [A] 1-10
 * abstract *
 * page 11, line 9 - page 12, line 20 *
 * figures 5-7 *
 CCI - [H04M1/72519](#)
 CUI - [H04M1/72563](#) ; [G06F3/04817](#)
 CCA - [H04M2250/06](#) ; [H04M2250/22](#) ; [H04M2250/56](#) ; [H04B17/318](#)
 PA - MICROSOFT TECHNOLOGY LICENSING LLC [US]
 TI - HYBRID TELECOMMUNICATIONS NETWORK CONNECTION INDICATOR
 AB - A mobile device having capabilities to access **connections** to cellular and Wi-Fi portions of a hybrid telecommunications **network** is configured to **display** a variety of different icons that **graphically** indicate a current **connection** status for both data usage and voice calling on a **graphical user interface** (GUI). A **user** can put the GUI into an expanded state to show additional information about the **connection** status including textual descriptions of icons to instruct the **user** as to the specific meaning of a given icon. The textual descriptions enable an association between the iconography and the **connection** state to be established for the **user**. The icons can then quickly and effectively convey **connection** state to the **user** in a comprehensive manner while efficiently using the available **display** space on the device.



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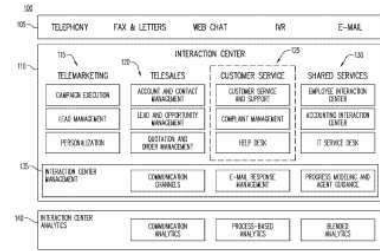
PN - [US2015095776](#) A1 20150402
 PR - US201314099689 20131206; US201361885437P 20131001
 AP - US201314099689 20131206
 DT - *; Rep
 CT - || R141 (A1)
[US2002013832](#) A1 20020131 [] (HUBBARD EDWARD A [US]);
[US2002184354](#) A1 20021205 [] (MCKENZIE WILLIAM F [US], et al);
[US2003164852](#) A1 20030904 [] (SIMPSON SHELL STERLING [US], et al);
[US2004083284](#) A1 20040429 [] (OFEK YUVAL [US], et al);
[US2004221049](#) A1 20041104 [] (BLUMENAU STEVE [US], et al);
[US2004243735](#) A1 20041202 [] (ROSENBLOOM OREN [US], et al);
[US2005027855](#) A1 20050203 [] (MCCASLAND PAUL [US]);



	US2005144195. A1 20050630 [] (HESSELINK LAMBERTUS [US], et al);
	US2006095628. A1 20060504 [] (LUDWIG CHARLES A [US], et al);
	US7200683. B1 20070403 [] (WANG DONGYAN [US], et al);
	US7546354. B1 20090609 [] (FAN CHENG GONG CHARLES [US], et al);
	US2010332565. A1 20101230 [] (AL-SHAYKH OSAMA [US], et al);
	US2012209960. A1 20120816 [] (HAERWELL OLOF [SE], et al);
	US2013232243. A1 20130905 [] (JOHNSON MICHAEL W [US], et al);
	US8713265. B1 20140429 [] (RUTLEDGE MATTHEW G [US]);
	US2014208214. A1 20140724 [] (STERN GABRIEL D [US]);
	US2014223325. A1 20140807 [] (MELENDEZ GREG [US], et al);
	US8856293. B1 20141007 [] (SADRY NAUZAD [US]);
	US2015113172. A1 20150423 [] (JOHNSON MICHAEL W [US], et al);
	US5793974. A 19980811 [] (MESSINGER FREDERIC P [US]);
	US2003009537. A1 20030109 [] (WANG DONGYAN [US]);
	US6538669. B1 20030325 [] (LAGUEUX JR RICHARD A [US], et al);
	US2003076341. A1 20030424 [] (KUKI HIKARU [JP]);
	US6640278. B1 20031028 [] (NOLAN SHARI J [US], et al);
	US6654830. B1 20031125 [] (TAYLOR JAMES A [US], et al);
	US6801507. B1 20041005 [] (HUMPLEMAN RICHARD [US], et al);
	US2005137653. A1 20050623 [] (FRIEDMAN GREGORY S [US], et al);
	US2006095461. A1 20060504 [] (RAYMOND ROBERT L [US]);
	US2006230342. A1 20061012 [] (NELSON MARK T [US], et al);
	US2007067734. A1 20070322 [] (CUNNINGHAM AARON W [US], et al);
	US2007288598. A1 20071213 [] (EDEKER ADA M [US], et al);
	US2008062167. A1 20080313 [] (BOGGS JOSEPH A [US], et al);
	US2008189397. A1 20080807 [] (ATKINSON ROBERT G [US], et al);
	US7490293. B1 20090210 [] (HUMPLEMAN RICHARD [US], et al);
	US2009125732. A1 20090514 [] (OYA MAKOTO [JP], et al);
	US2009132700. A1 20090521 [] (OYA MAKOTO [JP], et al);
	US7546353. B2 20090609 [] (HESSELINK LAMBERTUS [US], et al);
	US2009177996. A1 20090709 [] (HUNT DORIAN J [US], et al);
	US2009326684. A1 20091231 [] (WANG DONGYAN [US], et al);
	US2010185986. A1 20100722 [] (QUINTANILLA CARRIE [US], et al);
	US2010217837. A1 20100826 [] (ANSARI AMIR [US], et al);
	US2010275139. A1 20101028 [] (HAMMACK STEPHEN G [US], et al);
	US2012036041. A1 20120209 [] (HESSELINK LAMBERTUS [US]);
	US2012066630. A1 20120315 [] (KIM MINJOO [KR], et al);
	US8300098. B1 20121030 [] (GRUTTADAURIA BRIAN [US], et al);
	US8325625. B2 20121204 [] (NAIR BIJU [US], et al);
	US2013125032. A1 20130516 [] (LETTAU TYLER J [US]);
	US2010070907. A1 20100318 [] (HARROD GREGORY RALPH [US], et al);
	US6470420. B1 20021022 [] (HOSPODOR ANDREW D [US]);
	US2012179809. A1 20120712 [] (BARSNESS ERIC L [US], et al);
	US2015135214. A1 20150514 [] (REISMAN RICHARD [US]);
	US2015135206. A1 20150514 [] (REISMAN RICHARD [US]);
	US9031382. B1 20150512 [] (KAISER DAVID H [US], et al)
CTNP	- R141 (A1) [] - "FreeNAS", 09/20/2012, [] - "NAS Herder", emoacht, 02/15/2012, [] - "My Book Live Duo," 05/23/2012, http://web.archive.org/web/20120523084116/http://www.wdc.com/wdproducts/library/UM/ENG/4779-705065.pdf , [] - "ReadyNAS Remote," June 2013, http://www.downloads.netgear.com/files/ReadyNAS/RN%20Remote%20UM_13Jun2013.pdf , [] - Higgins, T., "WD 2go Reviewed," 04/02/2012, http://www.smallnetbuilder.com/other/cloud/cloud-devices/514-wd-2go-reviewed , [] - Higgins, T., "WD My Book Live Duo Reviewed," 03/27/2012, http://www.smallnetbuilder.com/nas/nas-reviews/31713-wd-my-book-live-duo-reviewed , [] - Ellison, C., "QNAP QTS 4.0 Reviewed," 07/10/2013, http://www.smallnetbuilder.com/nas/nas-reviews/32155-qnap-qts-40-reviewed ,
CCI	- H04L67/1097 ; H04L65/60 ; H04L65/604
CUI	- H04L43/045 ; G06F3/0484
CCA	- H04L65/80
PA	- WESTERN DIGITAL TECH INC [US]
TI	- VIRTUAL MANIFESTATION OF A NAS OR OTHER DEVICES AND USER INTERACTION THEREWITH
AB	- A device may comprise a display interface and a processor coupled to the display interface . The processor may be configured to couple to a remote network-connected device over a computer network ; generate a graphic representation of the network-connected device on the display and send the generated graphic representation to the display interface . A status of the network-connected device may then be received over the computer network and cause, responsive to receiving the status of the network-connected device, the graphic representation of the network-connected device to change appearance depending upon the received state the network-connected device.

PN - [EP2983346](#) A2 20160210
 PNFP - EP2983346 A3 20160518
 PR - US201414227050 20140327
 AP - EP20150161323 20150327
 DT - **
 CT - || STSE (A3)
[US8447016](#) B1 20130521 [I] (KUGLER JOSHUA [US], et al)
 [I] 1,2,4,10,11,13,14
 * column 3, line 40 - column 4, line 52 *;
[US7593522](#) B2 20090922 [A] (PARKER-STEPHEN RACHEL [US])
 [A] 1,2,4,10,11,13,14
 * column 9, line 46 - column 10, line 57 *
 CCI - [H04M3/5133](#) ; [H04M3/5141](#) ; [H04M7/0024](#) ; [G06Q30/016](#)
 CCA - [H04M3/42059](#) ; [H04M3/42348](#) ; [H04M3/436](#) ; [H04M3/5175](#)
 PA - (A2 A3)
 SAP SE [DE]
 TI - (A2 A3)
 A telecommunication method for controlling communication in a telecommunication system
 AB - (A2)

The present disclosure relates to a telecommunication method for controlling communication in a telecommunication system, the telecommunication system comprising a call center, the call center comprising a server communicating with at least one telecommunication device, the server comprising a processor and a memory, the memory storing a first application comprising instructions that, when executed by the processor, causes the processor to **display** on a **display** device of the telecommunication device at least a first **graphical user interface**. The method comprises receiving a first communication session initiation signal via a first **network** from a **user** device, wherein the **user** device is operable to **connect** to the server via at least the first **network**; determining signaling data indicative of the **user** device using a communication protocol of the first **network** and the first communication initiation signal, the signaling data further indicating the first communication session and other communication means supported by the **user** device; displaying on the first **graphical user interface** a first set of **user** inter-face elements indicative of the signaling data, the first set of **user interface** elements further indicating communication means comprising an indication of the first communication session and the other communication means; receiving a selection via the first **graphical user interface** of one of the communication means.



73/460 © EPODOC / EPO
 PN - [US2015089308](#) A1 20150326
 PNFP - US9164851 B2 20151020
 PR - US201314037649 20130926; US201314036187 20130925
 AP - US201314037649 20130926
 DT - **
 CT - || STSE (B2)
[US8392608](#) B1 20130305 [] (MILLER KEVIN CHRISTOPHER [US], et al)
[US8488446](#) B1 20130716 [] (BRANDWINE ERIC JASON [US])
[US8645508](#) B1 20140204 [] (DICKINSON ANDREW B [US], et al)
[US2008288677](#) A1 20081120 [] (KIRSSTEIN PHILIP M [US])
[US2009094393](#) A1 20090409 [] (KOBAYASHI MITSURU [JP])
[US2009199298](#) A1 20090806 [] (MILIEFSKY GARY S [US])
[US2010106884](#) A1 20100429 [] (ABRAHAM BENJAMIN [US], et al)
[US2013332515](#) A1 20131212 [] (JIMENEZ ANTHONY R [US], et al)
 - || R141 (A1)
[US8488446](#) B1 [];
[US8392608](#) B1 [];
[US8645508](#) B1 [];
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[US2010106884](#) A1 [];
[US2009199298](#) A1 [];
[US2009094393](#) A1 [];
[US2008288677](#) A1 []
 CCI - [G06F11/0709](#) ; [G06F11/0769](#)
 CQI - [G06F11/162](#)
 CCA - [G06F13/385](#)
 CUA - [G06F3/038](#)
 PA - (A1)
 IBM [US]
 - (B2)
 IBM [US]; LENOVO ENTPR SOLUTIONS SINGAPORE PTE LTD [SG]
 TI - (A1 B2)
 KEYBOARD, VIDEO AND MOUSE SWITCH IDENTIFYING AND DISPLAYING NODES EXPERIENCING A PROBLEM
 AB - (A1 B2)
 A method includes a keyboard, video and mouse (KVM) switch communicating over a **network** with service processors of a plurality of compute nodes, the KVM switch identifying a compute node from among the plurality of compute nodes that is experiencing one or more predetermined problems, and the KVM switch automatically generating a **graphical user interface** including the identity of the identified compute node for **display** on a **display** device that is **connected** to the KVM switch.

74/460 © EPODOC / EPO

PN - [KR20150015941](#) A 20150211

PR - KR20130092020 20130802

AP - KR20130092020 20130802

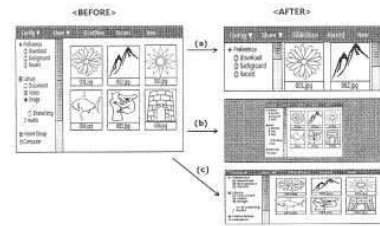
DT - I

CCI - [G06F9/451](#)

CNOI - [G06F3/14](#) ; [G06F15/16](#) ; [G06F3/0484](#) ; [G06F9/451](#)

TI - Method and apparatus for providing **user interface** of application

AB - The present invention relates to a method and apparatus for providing the UI of an application, which can be optimally displayed on each terminal, to terminals **connected** to a home **network**. A server terminal transmits a UI optimized to the **graphic** resolution of a client terminal to the client terminal to **display** images and text clearly, thereby improving readability, and a reaction rate of an event inputted to the application by a **user** of the client terminal may be improved. In addition, a comfortable **user** experience (UX) may be provided to the **user** of the client terminal. The method for providing the UI of an application comprises the steps of: receiving a profile of a terminal from the terminal; generating a window corresponding to the terminal based on the profile; outputting the UI to the window; and transmitting the UI to the terminal.



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PN - [US2015054840](#) A1 20150226

PNFP - US9117288 B2 20150825

PR - US201414528929 20141030; US201213620223 20120914; US20030426003 20030430

AP - US201414528929 20141030

DT - **

CCI - [H04L69/16](#) ; [G06T15/00](#) ; [H04L69/165](#)

CUI - [G06T1/20](#)

CCA - [G06T2200/16](#)

PA - (A1 B2)
SILICON GRAPHICS INT CORP [US]

TI - (A1)
APPLYING DIFFERENT TRANSPORT MECHANISMS FOR **USER INTERFACE** AND IMAGE PORTIONS OF A REMOTELY RENDERED IMAGE
- (B2)
Applying different transport mechanisms for **user interface** and image portions of a remotely rendered image

AB - (A1 B2)
A system and method for remote rendering of computer **graphics** wherein **user** transactions are reliable and the transmission of rendered **graphics** is relatively fast. The invention is implemented in a client server context, where a computer **graphics** application and rendering resources are located at a server. A **user** controls the **graphics** application through a client machine **connected** to the server through a computer **network**. The **user's** commands are sent from the client to the server, while rendered computer **graphics** are transmitted from the server to a **display** at the client. Different transport protocols are used, depending on the requirements of a particular transmission. Data related to **user** interactions is transmitted using a relatively reliable transport protocol, such as TCP. Rendered subject **graphics** data is transmitted from the server to the client using a less reliable but faster transport protocol, such as UDP.

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PN - [US8943373](#) B1 20150127

PR - US201314036187 20130925

AP - US201314036187 20130925

DT - *; Rep

CT - || STSE (B1)
[US5802146](#) A 19980901 [] (DULMAN SCOTT P [US])
[US6892069](#) B1 20050510 [] (FLYNN JASON STUART [GB])
[US7272635](#) B1 20070918 [] (LONGTIN PIERRE [CA], et al)
[US2004153863](#) A1 20040805 [] (KLOTZ STEVE [US], et al)
[US2007094426](#) A1 20070426 [] (CHIANG HAN-CHUNG [TW], et al)
[US2009031417](#) A1 20090129 [] (HORIKAWA MASAKI [JP])
[US2010049890](#) A1 20100225 [] (BEST STEVEN F [US], et al)
[US2010095030](#) A1 20100415 [] (CHIU I-WEI [TW])
[US2011279844](#) A1 20111117 [] (URASAWA KOJI [JP])
[US2013054601](#) A1 20130228 [] (WHITLOCK DAVID M [US], et al)

CCI - [G06F11/0709](#) ; [G06F11/0769](#)

CQI - [G06F11/162](#)

CCA - [G06F13/385](#)

CUA - [G06F3/038](#)

PA - IBM [US]; LENOVO ENTPR SOLUTIONS SINGAPORE PTE LTD [SG]

TI - Keyboard, video and mouse switch identifying and displaying nodes experiencing a problem

AB - A computer program product includes computer readable program code causing a keyboard, video and mouse (KVM) switch to communicate over a **network** with service processors of a plurality of compute nodes, computer readable program code for causing the KVM switch to identify a compute node from among the plurality of compute nodes that is experiencing one or more predetermined problems, and computer readable program code for causing the KVM switch to automatically generate a **graphical user interface** including the identity of the identified compute node for **display** on a **display** device that is **connected** to the KVM switch.

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PN - [CN104246632](#) A 20141224

PR - WO2012EP54033 20120308
AP - CN2012871244 20120308
DT - I
CT - || STSE (A)
[CN102006193](#) A 20110406 [A] (SHENZHEN NEW GREENNET COMM TECHNOLOGIES CO LTD)
[A] 1-18
全文
[CN1734381](#) A 20060215 [X] (OMRON TATEISI ELECTRONICS CO [JP])
[X] 1-18
说明书第8页11行-第12页最后一行,附图1-11
[US6728262](#) B1 20040427 [Y] (WORAM STEPHEN E [US])
[Y] 2-17
说明书第4栏27行-14栏24行,附图1-5
[WO2008087191](#) A1 20080724 [X] (ABB RESEARCH LTD [CH], et al)
[X] 1-18
说明书第7页29行-第13页最后一行,附图1-7
[US7315985](#) B1 20080101 [YX] (GAUVIN FRANCOIS [US], et al)
[Y] 1-18
说明书第1栏15行-第38栏35行,附图1-17
[X] 1-18
CCI - [G05B19/0423](#)
CUI - [G06F3/0482](#) ; [G06F3/0484](#) ; [H04L41/22](#) ; [G06F17/30943](#)
PA - ABB TECHNOLOGY AG
TI - System and method for visualizing device data and **network** of industrial plant in **display**
AB - A system and a method for visualizing technical equipment of an industrial plant are presented. The system comprises a **graphical display** unit (5) and a **user interface** (1) arranged for receiving image handling parameters. Further, it comprises a data storing unit (6) which is arranged to provide data relating to the technical equipment in the form of device data and **network** data describing a communication **network** of the industrial plant, where the device data describe **network** devices (18) which are all **connected** to the communication **network** and belong to the industrial plant, and where the **network** data describe all the communication **connections** (10-13) between the **network** devices. To the system belongs further a data processing unit (3) which is arranged for retrieving the provided data, for transforming all the device data and all the **network** data into displayable information which contains image representations of all of the **network** devices (18) and of all of the communication **connections** (10-13), and for providing the image representations together with further displayable information to the **graphical display** unit (5). The **graphical display** unit (5) is arranged to visualize the image representations and further displayable information according to the image handling parameters.

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PN - [US2014380177](#) A1 20141225
PR - WO2012EP54033 20120308
AP - US201414479935 20140908
DT - **
CT - || R141 (A1)
[US2004049577](#) A1 20040311 [] (IMHOF RAPHAEL [US]);
[US2007038321](#) A1 20070215 [] (MCDONALD LARRY K [US], et al);
[US2007067142](#) A1 20070322 [] (KAVAKLIOGLU KADIR [US], et al);
[US7194446](#) B1 20070320 [] (BROMLEY CLIFTON HAROLD [CA], et al);
[US2007239291](#) A1 20071011 [] (WAYLAND DONALD J [US], et al);
[US2010017746](#) A1 20100121 [] (HUSOY KRISTOFFER [NO], et al);
[US2012290107](#) A1 20121115 [] (CARLSON JOHN [US], et al);
[US2013080903](#) A1 20130328 [] (BARDA ILAN [IL], et al);
[US2014025339](#) A1 20140123 [] (MCADAM ROHAN [AU], et al);
[US6480889](#) B1 20021112 [] (SAITO TAKESHI [JP], et al);
[US2006282529](#) A1 20061214 [] (NORDIN RONALD A [US]);
[US2011115816](#) A1 20110519 [] (BRACKNEY LARRY J [US]);
[US2012089713](#) A1 20120412 [] (CARRIERE LINDSEY [CA]);
[US2013185024](#) A1 20130718 [] (MAHAENAN ARUN V [IN], et al);
[US5768552](#) A 19980616 [] (JACOBY RONALD [US]);
[US2004085347](#) A1 20040506 [] (HAGARTY RICHARD [US], et al);
[US2009182501](#) A1 20090716 [] (FYKE STEVEN H [CA], et al);
[US2009327903](#) A1 20091231 [] (SMITH JOHN KEI [US], et al)
CCI - [G05B19/0423](#)
CUI - [G06F3/0482](#) ; [G06F3/0484](#) ; [H04L41/22](#) ; [G06F17/30943](#)
PA - ABB TECHNOLOGY AG [CH]
TI - SYSTEM AND METHOD FOR VISUALIZING TECHNICAL EQUIPMENT OF AN INDUSTRIAL PLANT
AB - An exemplary system and method for displaying technical equipment of an industrial plant includes a **graphical display** unit and a **user interface** for receiving image handling parameters. A data storing unit provides data relating to the technical equipment in the form of device data and **network** data describing a communication **network** of the industrial plant. The device data describes **network** devices which are all **connected** to the communication **network** and belong to the industrial plant, and the **network** data describes all the communication **connections** between the **network** devices. A data processing unit is arranged for retrieving the provided data, transforming all the device data and all the **network** data into displayable information, and providing the image representations together with other displayable information to the **graphical display** unit. The **graphical display** unit is arranged to **display** the image representations and other displayable information according to the image handling parameters.

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PN - [WO2014193890](#) A1 20141204
PR - US201313904896 20130529; US201313904909 20130529; US201313904932 20130529; US201313904944 20130529; US201313904936 20130529; US201313904923 20130529; US201313904949 20130529
AP - WO2014US39669 20140528

DT - *: Rep

CT - |KR| ISR (A1)
[W02013049346](#) A1 20130404 [X] (SONOS INC [US]);
[US2013014015](#) A1 20130110 [A] (LAMBOURNE ROBERT A [US]);
[US2012089910](#) A1 20120412 [A] (CASSIDY BRENDON P [US]);
[US2012233067](#) A1 20120913 [A] (MATTHEW GERASOLO FRANCIS [US], et al);
[US2013073584](#) A1 20130321 [A] (KUPER RON [US], et al)

CCI - [H04L12/12](#) ; [H04L12/6418](#)

CCA - [Y02D50/40](#)

PA - SONOS INC [US]

TI - PLAYBACK QUEUE CONTROL VIA A PLAYLIST ON A MOBILE DEVICE

AB - Embodiments provided herein involve **connected** states between a mobile device and one or more zones in a **network** media system and different interactions between the mobile device and the **network** media system involving the **connected** states. The **connected** states may be established between the mobile device and the one or more zones such that further actions taken on media items identified in the playlist on the mobile device may also be taken on corresponding media items in a playback queue associated with the one or more zones. The **interface** on the mobile device may **display** various **graphical** representations to indicate the different interactions involving the **connected** states, including when a **connected** state is established, when a **connected** state is lost, and when a reconnected state is reestablished. The **interface** may further provide selectable icons to allow a **user** to navigate among the different media playback options involving the **connected** states.

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PN - [US2014358293](#) A1 20141204

PNFP - US9291359 B2 20160322

PR - US201414463550 20140819; US201213656189 20121019; US201161627996P 20111021

AP - US201414463550 20140819

DT - **

CT - || R141 (A1)
[US2007084941](#) A1 20070419 [] (DE PAUW JURIANUS [NL], et al);
[US8442693](#) B2 20130514 [] (MIRZA MUHAMMAD ALI [US], et al);
[US2007045433](#) A1 20070301 [] (CHAPMAN JOHN G JR [US], et al);
[US2010070089](#) A1 20100318 [] (HARROD GREGORY RALPH [US], et al)
 - || STSE (B2)
[US8442693](#) B2 20130514 [] (MIRZA MUHAMMAD ALI [US], et al);
[US2007045433](#) A1 20070301 [] (CHAPMAN JOHN G JR [US], et al);
[US2007084941](#) A1 20070419 [] (DE PAUW JURIANUS [NL], et al);
[US2010070089](#) A1 20100318 [] (HARROD GREGORY RALPH [US], et al)

CCI - [G05D23/1902](#) ; [F24F11/30](#)

CUI - [G01J5/041](#) ; [F24F11/00](#) ; [G01K1/02](#) ; [G01R31/26](#) ; [G06F3/0487](#) ; [G06F3/167](#) ; [G05B15/02](#) ; [G06F1/3231](#) ; [G06F1/3265](#) ; [G06F3/011](#) ; [G06F3/02](#) ; [G06F3/0304](#) ; [G06F3/042](#) ; [G06F3/0482](#) ; [G06N99/005](#) ; [G06F3/0362](#) ; [G06F3/04847](#) ; [G06F3/04842](#) ; [H04L67/10](#) ; [G01J5/0025](#) ; [F24F11/62](#) ; [F24F11/70](#) ; [F24F11/89](#)

CQI - [F24F11/0009](#) ; [F24F11/001](#) ; [F24F11/0012](#) ; [F24F11/0034](#) ; [F24F11/006](#) ; [F24F11/0076](#) ; [F24F11/0086](#) ; [F24F11/02](#) ; [G05D23/19](#) ; [G05D23/1919](#) ; [G05D23/1932](#) ; [G05D23/24](#) ; [G05D23/2454](#) ; [G05D23/27](#) ; [G05D23/275](#)

CCA - [H01H25/06](#) ; [F24F2110/10](#) ; [F24F2120/14](#)

CUA - [Y02T10/88](#) ; [F24F2110/00](#) ; [F24F2120/10](#) ; [F24F2120/12](#) ; [F24F2140/60](#) ; [F24F11/63](#) ; [F24F11/56](#) ; [F24F11/58](#) ; [F24F11/46](#) ; [F24F11/52](#) ; [F24F11/47](#) ; [Y02D70/00](#)

CQA - [F24F2011/0035](#) ; [F24F2011/0036](#) ; [F24F2011/0047](#) ; [F24F2011/0061](#) ; [F24F2011/0068](#) ; [F24F2011/0071](#) ; [F24F2011/0075](#) ; [F24F2011/0091](#) ; [F24F2011/0094](#) ; [Y02B60/50](#)

PA - (A1 B2)
 GOOGLE INC [US]

TI - (A1)
 THERMOSTAT **USER INTERFACE**
 - (B2)
 Thermostat **user interface**

AB - (A1 B2)
 A thermostat **user interface** for a **network-connected** thermostat is described. The thermostat includes a frustum-shaped shell body having a circular cross-section and a sidewall extending between first and second ends, the second end being **user-facing** when the thermostat is wall-mounted; a circular rotatable ring being **user** rotatable for adjusting a setting of the thermostat; and a circular cover including a clear circular center portion surrounded by a painted outer portion. The clear circular center portion permits a corresponding circular portion of a non-circular dot-matrix color **display** element to be visible through the circular cover and the painted outer portion masks a remaining portion of the non-circular dot-matrix color **display** element so as to create a circular **graphical user interface**.

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PN - [US2014351717](#) A1 20141127

PR - US201313902560 20130524

AP - US201313902560 20130524

DT - **

CT - || R141 (A1)
[US2010037167](#) A1 20100211 [] (SON SEUNGHWAN [KR], et al);
[US2010070899](#) A1 20100318 [] (HUNT MARTIN [US], et al);
[US2010217720](#) A1 20100826 [] (JONES KATHERINE [US], et al);
[US2011173569](#) A1 20110714 [] (HOWES TIMOTHY [US], et al);
[US2011225539](#) A1 20110915 [] (LEE BONG WON [KR], et al);
[US2012089698](#) A1 20120412 [] (TSENG ERICK [US]);
[US2012110096](#) A1 20120503 [] (SMARR JOSEPH [US], et al);
[US2012272160](#) A1 20121025 [] (SPIVACK NOVA [US], et al);
[US2012297314](#) A1 20121122 [] (STEIN JEANINE [US]);

	US2013072262 A1 20130321 [] (MHUN YUNJUENG [KR], et al); US8738634 B1 20140527 [] (ROTH MAAYAN [IL], et al); US2014245163 A1 20140828 [] (MUBAREK ALI OMER [CA], et al); US8880607 B1 20141104 [] (MEROM RON [IL], et al); US2009234876 A1 20090917 [] (SCHIGEL TIMOTHY [US], et al); US2013311935 A1 20131121 [] (SETLUR VIDYA RAGHAVAN [US], et al); WO2013173626 A2 20131121 [] (CLIPFILE CORP [US]); US2008033946 A1 20080207 [] (BHOGAL KULVIR S [US], et al); US9177065 B1 20151103 [] (BEN-YAIR SHIMRIT [US], et al); US2011231240 A1 20110922 [] (SCHOEN KENT MATTHEW [US], et al); US2011264736 A1 20111027 [] (ZUCKERBERG MARK E [US], et al)
CCI	- G06F17/30867 ; G06Q50/01
CQI	- G06F3/0482
PA	- FACEBOOK INC [US]
TI	- User-Based Interactive Elements For Content Sharing
AB	- In one embodiment, a method includes providing for display to a user of a computing device a first user interface of a first application. The device provides for display in connection with the first user interface multiple interactive elements that each correspond to a node of a social graph associated with a social- networking system. The device receives user input selecting one of the interactive elements and in response to the user input provides for presentation to the user a second user interface of a second application for communicating with the node of the social graph corresponding to the selected interactive element. The second user interface provided for presentation is automatically associated with the user , the node of the social graph corresponding to the selected one of the interactive elements, and content associated with the first application.
82/460	© EPODOC / EPO
PN	- WO2014190154 A1 20141127
PR	- US201313902560 20130524
AP	- WO2014US39144 20140522
DT	- *; Rep
CT	- [KR] ISR (A1)
	US2011099486 A1 20110428 [Y] (NESLADEK CHRISTOPHER D [US], et al); US2013097180 A1 20130418 [Y] (TSENG ERICK [US]); US2012110096 A1 20120503 [Y] (SMARR JOSEPH [US], et al); US2013073985 A1 20130321 [A] (HAMLIN DREW W [US], et al); US2013036164 A1 20130207 [A] (CARDUNER PAUL FRANCOIS [US], et al)
CCI	- G06F17/30867 ; G06Q50/01
CQI	- G06F3/0482
PA	- FACEBOOK INC [US]
TI	- USER-BASED INTERACTIVE ELEMENTS FOR CONTENT SHARING
AB	- In one embodiment, a method includes providing for display to a user of a computing device a first user interface of a first application. The device provides for display in connection with the first user interface multiple interactive elements that each correspond to a node of a social graph associated with a social- networking system. The device receives user input selecting one of the interactive elements and in response to the user input provides for presentation to the user a second user interface of a second application for communicating with the node of the social graph corresponding to the selected interactive element. The second user interface provided for presentation is automatically associated with the user , the node of the social graph corresponding to the selected one of the interactive elements, and content associated with the first application.
83/460	© EPODOC / EPO
PN	- WO2015057931 A1 20150423
PR	- US201361892032P 20131017; US201414515246 20141015
AP	- WO2014US60843 20141016
DT	- **
CT	- [EP] ISR (A1)
	US2011241833 A1 20111006 [XYI] (MARTIN JEAN-CHRISTOPHE [US], et al) [X] 1,3-8,10-15,17-21 * paragraph [0021] - paragraph [0023] * * paragraph [0028] - paragraph [0035] * * paragraph [0043] - paragraph [0044] * * paragraph [0049] * * paragraph [0053] - paragraph [0059] * * abstract * [Y] 1-21 [I] 2,9,16; US2011218730 A1 20110908 [IV] (RIDER ERIC MARSHALL [US], et al) [I] 1,5,8,12,15,19 * paragraph [0005] * * paragraph [0008] * * paragraph [0017] - paragraph [0018] * * paragraph [0029] - paragraph [0033] * * paragraph [0044] - paragraph [0045] * * paragraph [0056] * * claims 1-2 * [Y] 1-21
CCI	- G06F11/3006 ; G06F11/3055 ; G06F11/328
CUI	- G09G5/377 ; G06F3/04842
CCA	- G06F11/3058 ; G06F11/327
CUA	- G09G2340/12 ; G09G2354/00

PA - FMR LLC [US]
TI - REAL-TIME VISUALIZATIONS OF COMPONENTS IN A MODULAR INSTRUMENTATION CENTER
AB - A computer-implemented method for monitoring functions in an instrumentation center, the method comprising: accessing, by a monitoring system that monitors functional operation of the instrumentation center, layout information indicative of a layout of the instrumentation center, the layout information specifies a number of levels in the instrumentation center and types of components in each of the levels; detecting, by the monitoring system, a location of a portable **display** device that is **connected** over a **network** to the monitor system; and generating, from location data that specifies the location of the portable **display** device, information for a **graphical user interface** that when rendered on the portable **display** device renders a visualization of that portion of the instrumentation center in which the portable **display** device is currently located.

84/460 © EPODOC / EPO

PN - [WO2014176223](#) A1 20141030
PR - US201313871852 20130426
AP - WO2014US34924 20140422
DT - **
CT - [US] ISR (A1)
[US2012130547](#) A1 20120524 [Y] (FADELL ANTHONY M [US], et al);
[US8421602](#) B2 20130416 [Y] (MADONNA ROBERT P [US], et al);
[US2012185801](#) A1 20120719 [A] (MADONNA ROBERT P [US], et al);
[US2010070089](#) A1 20100318 [A] (HARROD GREGORY RALPH [US], et al);
[US2013099011](#) A1 20130425 [A] (MATSUOKA YOKY [US], et al)
CCI - [G05D23/1905](#) ; [F24F11/30](#) ; [F24F11/62](#)
CUI - [G05B15/02](#) ; [G06F3/04845](#) ; [G06F3/04883](#) ; [G06F3/04886](#) ; [G06F3/04847](#)
CQI - [F24F11/0086](#)
CCA - [F24F11/58](#) ; [F24F11/52](#)
CUA - [F25B2600/07](#) ; [F24F11/64](#) ; [F24F11/54](#) ; [F24F11/56](#)
PA - NEST LABS INC [US]
TI - TOUCHSCREEN DEVICE **USER INTERFACE** FOR REMOTE CONTROL OF A THERMOSTAT
AB - Systems and methods are described for interactively and **graphically** interfacing with a **user** on an HVAC system controlled by a thermostat. The **user interface** is implemented on a touch screen **display** on a remote wirelessly **connected** device such as smartphone or a tablet PC. The **interface** displays a screen that mimics the **display** on the thermostat including allowing one or more input methods that are analogous to input methods used on the thermostat. Touch screen gestures such as touch and drag, touch and hold and tapping are used in an intuitive way. The **user** experience is enhanced by allowing large-scale changes while reducing the risk of sudden unintended changes. The control signals are judiciously tailored to protect the HVAC equipment from unwarranted over-controlling, reduce unnecessary **network** traffic, and prevent the waste of energy.

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PN - [US2014319232](#) A1 20141030
PNFP - US9222693 B2 20151229
PR - US201313871852 20130426
AP - US201313871852 20130426
DT - *; Rep
CT - [] R141 (A1)
[US2012005590](#) A1 20120105 [] (LOMBARD STUART [CA], et al);
[US2011257795](#) A1 20111020 [] (NARAYANAMURTHY RAMACHANDRAN [US], et al);
[US8406816](#) B2 20130326 [] (MARUI KEIZO [CA], et al);
[US2012296488](#) A1 20121122 [] (DHARWADA PALLAVI [US], et al);
[US2010198425](#) A1 20100805 [] (DONOVAN PAUL [CA]);
[US2009140061](#) A1 20090604 [] (SCHULTZ DAVID A [US], et al)
- [] STSE (B2)
[US8406816](#) B2 20130326 [] (MARUI KEIZO [CA], et al);
[US2009140061](#) A1 20090604 [] (SCHULTZ DAVID A [US], et al);
[US2010198425](#) A1 20100805 [] (DONOVAN PAUL [CA]);
[US2011257795](#) A1 20111020 [] (NARAYANAMURTHY RAMACHANDRAN [US], et al);
[US2012005590](#) A1 20120105 [] (LOMBARD STUART [CA], et al);
[US2012296488](#) A1 20121122 [] (DHARWADA PALLAVI [US], et al)
CCI - [G05D23/1905](#) ; [F24F11/30](#) ; [F24F11/62](#)
CUI - [G05B15/02](#) ; [G06F3/04845](#) ; [G06F3/04883](#) ; [G06F3/04886](#) ; [G06F3/04847](#)
CQI - [F24F11/0086](#)
CCA - [F24F11/58](#) ; [F24F11/52](#)
CUA - [F25B2600/07](#) ; [F24F11/64](#) ; [F24F11/54](#) ; [F24F11/56](#)
PA - (A1)
NEST LABS INC [US]
(B2)
NEST LABS INC [US]; GOOGLE INC [US]
TI - (A1)
TOUCHSCREEN DEVICE **USER INTERFACE** FOR REMOTE CONTROL OF A THERMOSTAT
(B2)
Touchscreen device **user interface** for remote control of a thermostat
AB - (A1 B2)
Systems and methods are described for interactively and **graphically** interfacing with a **user** on an HVAC system controlled by a thermostat. The **user interface** is implemented on a touch screen **display** on a remote wirelessly **connected** device such as smartphone or a tablet PC. The **interface** displays a screen that mimics the **display** on the thermostat including allowing one or more input methods that are analogous to input methods used on the thermostat. Touch screen gestures such as touch and drag, touch and hold and tapping are used in an intuitive way. The **user** experience is enhanced by allowing large-scale changes while reducing the risk of sudden unintended changes. The control signals are judiciously tailored to protect the HVAC equipment from unwarranted

over-controlling, reduce unnecessary **network** traffic, and prevent the waste of energy.

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PN - [US2014316910](#) A1 20141023
PR - US201414317303 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210 19990721; US19990358612 19990721; US19970882580 19970625
AP - US201414317303 20140627
DT - **
CT - || R141 (A1)
[US6411310](#) B1 20020625 [] (BERQUIST DAVID T [US], et al)
CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)
CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)
CCA - [G09G5/08](#) ; [G09G2370/027](#)
CUA - [G06F2203/04801](#)
PA - ROSEN JAMES S [US]; SCHMITTER THOMAS A [US]; HALL MARK S [US]; LEXOS MEDIA IP LLC [US]
TI - SYSTEM FOR REPLACING A CURSOR IMAGE IN **CONNECTION** WITH DISPLAYING ADVERTISING CONTENT
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PN - [US2014316868](#) A1 20141023
PR - US201414317226 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210 19990721; US19990358612 19990721; US19970882580 19970625
AP - US201414317226 20140627
DT - **
CT - || R141 (A1)
[US5905492](#) A 19990518 [] (STRAUB ERIC JOHN [US], et al)
CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)
CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)
CCA - [G09G5/08](#) ; [G09G2370/027](#)
CUA - [G06F2203/04801](#)
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PN - [US2014316867](#) A1 20141023
PR - US201414317201 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210 19990721; US19990358612 19990721; US19970882580 19970625
AP - US201414317201 20140627
DT - **
CT - || R141 (A1)
[US5905492](#) A 19990518 [] (STRAUB ERIC JOHN [US], et al)
CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)
CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)
CCA - [G09G5/08](#) ; [G09G2370/027](#)
CUA - [G06F2203/04801](#)
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PN - [US2014316866](#) A1 20141023
PR - US201414317183 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210 19990721; US19990358612 19990721; US19970882580 19970625
AP - US201414317183 20140627
DT - **
CT - || R141 (A1)
[US5905492](#) A 19990518 [] (STRAUB ERIC JOHN [US], et al)

CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)
CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)
CCA - [G09G5/08](#) ; [G09G2370/027](#)
CUA - [G06F2203/04801](#)
PA - ROSEN JAMES SAMUEL [US]; SCHMITIER THOMAS A [US]; HALL MARK S [US]; LEXOS MEDIA IP LLC [US]
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PN - [US2014310660](#) A1 20141016
PR - US201414317480 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210 19990721; US19990358612 19990721; US19970882580 19970625
AP - US201414317480 20140627
DT - **
CT - || R141 (A1)
[US5903727](#) A 19990511 [] (NIELSEN JAKOB [US]);
[US5945986](#) A 19990831 [] (BARGAR ROBIN [US], et al);
[US5918237](#) A 19990629 [] (MONTALBANO JOHN RICHARD [US]);
[US5801692](#) A 19980901 [] (MUZIO SIMON C [US], et al);
[US5533182](#) A 19960702 [] (BATES CARY L [US], et al);
[US4818938](#) A 19890404 [] (SATTIN WILLIAM [US], et al);
[US5905492](#) A 19990518 [] (STRAUB ERIC JOHN [US], et al);
[US5880709](#) A 19990309 [] (ITAI KATSUNORI [JP], et al)
CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)
CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)
CCA - [G09G5/08](#) ; [G09G2370/027](#)
CUA - [G06F2203/04801](#)
PA - ROSEN JAMES SAMUEL [US]; SCHMITTER THOMAS A [US]; HALL MARK S [US]; LEXOS MEDIA IP LLC [US]
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PN - [US2014310659](#) A1 20141016
PR - US201414317460 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210 19990721; US19990358612 19990721; US19970882580 19970625
AP - US201414317460 20140627
DT - **
CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)
CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)
CCA - [G09G5/08](#) ; [G09G2370/027](#)
CUA - [G06F2203/04801](#)
PA - ROSEN JAMES SAMUEL [US]; SCHMITTER THOMAS A [US]; HALL MARK S [US]; LEXOS MEDIA IP LLC [US]
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PN - [US2014310658](#) A1 20141016
PR - US201414317425 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210 19990721; US19990358612 19990721; US19970882580 19970625
AP - US201414317425 20140627
DT - **
CT - || R141 (A1)
[US5880709](#) A 19990309 [] (ITAI KATSUNORI [JP], et al);
[US5905492](#) A 19990518 [] (STRAUB ERIC JOHN [US], et al)
CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)
CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)
CCA - [G09G5/08](#) ; [G09G2370/027](#)
CUA - [G06F2203/04801](#)
PA - ROSEN JAMES SAMUEL [US]; SCHMITTER THOMAS A [US]; HALL MARK S [US]; LEXOS MEDIA IP LLC [US]

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PN - [US2014310657](#) A1 20141016

PR - US201414317390 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210 19990721; US19990358612 19990721; US19970882580 19970625

AP - US201414317390 20140627

DT - **

CT - || R141 (A1)
[US5898432](#) A 19990427 [] (PINARD DEBORAH L [CA]);
[US5880709](#) A 19990309 [] (ITAI KATSUNORI [JP], et al);
[US5920304](#) A 19990706 [] (BERSTIS VIKTORS [US]);
[US5905492](#) A 19990518 [] (STRAUB ERIC JOHN [US], et al)

CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)

CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)

CCA - [G09G5/08](#) ; [G09G2370/027](#)

CUA - [G06F2203/04801](#)

PA - ROSEN JAMES S [US]; SCHMITTER THOMAS A [US]; HALL MARK S [US]; LEXOS MEDIA IP LLC [US]

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PN - [US2014310656](#) A1 20141016

PR - US201414317364 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210 19990721; US19990358612 19990721; US19970882580 19970625

AP - US201414317364 20140627

DT - **

CT - || R141 (A1)
[US6411310](#) B1 20020625 [] (BERQUIST DAVID T [US], et al)

CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)

CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)

CCA - [G09G5/08](#) ; [G09G2370/027](#)

CUA - [G06F2203/04801](#)

PA - ROSEN JAMES SAMUEL [US]; SCHMITTER THOMAS A [US]; HALL MARK S [US]; LEXOS MEDIA IP LLC [US]

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PN - [US2014310111](#) A1 20141016

PR - US201414317139 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210 19990721; US19990358612 19990721; US19970882580 19970625

AP - US201414317139 20140627

DT - **

CT - || R141 (A1)
[US6411310](#) B1 20020625 [] (BERQUIST DAVID T [US], et al)

CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)

CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)

CCA - [G09G5/08](#) ; [G09G2370/027](#)

CUA - [G06F2203/04801](#)

PA - ROSEN JAMES SAMUEL [US]; SCHMITTER THOMAS A [US]; HALL MARK S [US]; LEXOS MEDIA IP LLC [US]

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PN - [US2014310110](#) A1 20141016

PR - US201414317107 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210

19990721; US19990358612 19990721; US19970882580 19970625

AP - US201414317107 20140627

DT - **

CT - || R141 (A1)
[US5625781](#) A 19970429 [] (CLINE TROY L [US], et al);
[US5706507](#) A 19980106 [] (SCHLOSS ROBERT JEFFREY [US]);
[US5724595](#) A 19980303 [] (GENTNER DONALD R [US]);
[US5737599](#) A 19980407 [] (ROWE EDWARD R [US], et al);
[US5784056](#) A 19980721 [] (NIELSEN JAKOB [US]);
[US5905492](#) A 19990518 [] (STRAUB ERIC JOHN [US], et al);
[US5500938](#) A 19960319 [] (CAHILL LESLIE M [US], et al);
[US6018345](#) A 20000125 [] (BERSTIS VIKTORS [US])

CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)

CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)

CCA - [G09G5/08](#) ; [G09G2370/027](#)

CUA - [G06F2203/04801](#)

PA - ROSEN JAMES SAMUEL [US]; SCHMITTER THOMAS A [US]; HALL MARK S [US]; LEXOS MEDIA IP LLC [US]

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PN - [US2014306988](#) A1 20141016

PR - US201414317057 20140627; US20100853623 20100810; US20050040190 20050121; US19990400038 19990921; US19990358210 19990721; US19990358612 19990721; US19970882580 19970625

AP - US201414317057 20140627

DT - **

CT - || R141 (A1)
[US5625781](#) A 19970429 [] (CLINE TROY L [US], et al);
[US5706507](#) A 19980106 [] (SCHLOSS ROBERT JEFFREY [US]);
[US5724595](#) A 19980303 [] (GENTNER DONALD R [US]);
[US5737599](#) A 19980407 [] (ROWE EDWARD R [US], et al);
[US5784056](#) A 19980721 [] (NIELSEN JAKOB [US]);
[US5905492](#) A 19990518 [] (STRAUB ERIC JOHN [US], et al);
[US5500938](#) A 19960319 [] (CAHILL LESLIE M [US], et al);
[US6018345](#) A 20000125 [] (BERSTIS VIKTORS [US])

CCI - [G06F3/14](#) ; [G06F3/1454](#) ; [G06F17/30861](#) ; [G06Q30/02](#) ; [G06Q30/0263](#) ; [G06Q30/0277](#) ; [G06F3/04812](#)

CUI - [G06F3/167](#) ; [G06T11/60](#) ; [G06T13/80](#)

CCA - [G09G5/08](#) ; [G09G2370/027](#)

CUA - [G06F2203/04801](#)

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PN - [CN104102468](#) A 20141015

PNFP - CN104102468B B 20170721

PR - CN20141353673 20140723

AP - CN20141353673 20140723

DT - I

CT - || STSE (A)
[CN1494019](#) A 20040505 [YA] (TONGJI QIMINGXING SCI & TECH D [CN])
[Y] 1-3
* 说明书第2页最后一段-第4页第2段, 图1 *
[A] 1-5;
[CN101236552](#) A 20080806 [A] (NAT POPULATION AND FAMILY PLAN [CN])
[A] 1-5
* 全文 *;
[US2014075569](#) A1 20140313 [A] (SUDO TAKASHI [JP])
[A] 1-5
* 全文 *;
[CN103810152](#) A 20140521 [Y] (YUANGANG SOFTWARE CO LTD)
[Y] 1
* 说明书第[0022]-[0040]段, 图1-3 *;
[CN103248881](#) A 20130814 [Y] (CHANGCHUN OPTICS FINE MECH)
[Y] 3

* 说明书第[0012]-[0013]段, 第[0017]-[0037]段, 图1 *

CTNP - || STSE (A)
[Y] - 张采芳等, 《MATLAB编程及仿真应用》, (20140601)
[Y] 1-3
* 第5页 *

PA - (A)
41ST INST CHINA ELECTRONICS TECHNOLOGY GROUP CORP

TI - (A)
Network analyzer formula editor and data **graphic display** method and device thereof

AB - (A)
The invention provides a **network** analyzer formula editor and a data **graphic display** method and device thereof. The **network** analyzer formula editor comprises a formula editor module and a data processing and **graphic** displaying unit. The formula editor module comprises a built-in parameter, function and operator unit, a custom parameter and function enter unit, a formula editor expression enter unit, an intelligent expression correcting and information reminding unit and an expression calculating unit which are **connected** and communicate with each others. The data processing and **graphic** displaying unit comprises data format selection, formatted data sets, offset and proportion, memory **display** and **interface display** and refresh. The **network** analyzer formula editor has the advantages that the technical problem that expressions which are entered by a **user** and which directly contains complex constant (such as S21 / (1S11) + (13I)) cannot be calculated is solved; by the aid of the formula editor program module, the technical problem that a **user** cannot enter custom parameters is solved, and the **user** is allowed to customize parameters.

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PN - [TW200306486](#) A 20031116

PR - US20020141168 20020507

AP - TW20030112067 20030502

DT - I

CCI - [G06Q20/108](#) ; [G09B19/18](#)

PA - RESNICK PAUL [US]

TI - Children's computer banking game

AB - An educational interactive money management method for use in an arrangement comprising at least one computer **network connecting** at least one **display** device to at least one information-provider computer. The method having the steps of: displaying a **graphic user interface connected** to an electronically accessible financial account having at least one game; establishing a system of authorization governing access and transfer of information to and from the **graphic user interface** and the financial account; and processing information and transactions to and from the **graphic user interface** as permitted by the system of authorization.

100/460 © EPODOC / EPO

PN - [EP2854048](#) A1 20150401

PR - US201314040067 20130927

AP - EP20140186606 20140926

DT - *; Rep

CT - || STSE (A1)
[WO2009149433](#) A2 20091210 [I] (SNAP ON TOOLS CORP [US], et al)
[I] 1-13
* the whole document *;
[US5864837](#) A 19990126 [I] (MAIMONE WILLIAM D [US])
[I] 1-13
* the whole document *;
[US2013067170](#) A1 20130314 [Y] (LAM YIN ZIN MARK [US])
[Y] 1-13
* page 2, column L, paragraph 0021 *
* paragraph [0039] *
* paragraph [0042] *
* paragraph [0022] *
* paragraph [0043] *
* "central processor 220";; figure 2 *
* "RAM 216";; figure 2 *
* "130", "screen";; figure 1 *
* paragraph [0044] *
* paragraph [0047] *
* paragraph [0045] - paragraph [0046] *
* reference 228, "browser predictive caching module";; figure 2 *;
[WO2007009254](#) A1 20070125 [Y] (RESEARCH IN MOTION LTD [CA], et al)
[Y] 1-13
* steps 21-27;; figure 3 *
* paragraph [0032] *
* paragraph [0008] *;
[CA2615747](#) A1 20070125 [A] (RESEARCH IN MOTION LTD [CA])
[A] 1-13
* the whole document *;
[XP002094009](#) A[A]

CTNP - || STSE (A1)
[A] - GLOMOP GROUP, "GloMop: Global Mobile Computing By Proxy", INTERNET CITATION, (19950913), URL: <http://research.microsoft.com/research/os/SOSP-15/Fox.txt>, (19950913), XP002094009
[A] 1-13
* the whole document *

CCI - [G06F17/30902](#) ; [H04L67/2842](#)

CUI - [H04L51/08](#)

PA - SAP SE [DE]
TI - Method of operating a mobile telecommunications device
AB - The present disclosure relates to a mobile telecommunication device (800) for a mobile telecommunication system (88), the telecommunication system comprising an application server (811) that is **connected** to the mobile communications device via a **network** (813), the application server (811) managing at least one database (812) comprising a set of one or more documents (831,835), wherein the documents of the set of documents (831, 835) are assigned at least one **network** identification address (836) for accessing the documents, the mobile telecommunication device (800) comprising a processor (803), **display** device (825) and memory (807), wherein the memory (807) is configured to store at least one application (815), the application comprising instructions that, when executed, generate on the **display** device (825) a **graphical user interface** (827), the **graphical user interface** (827) comprising a set of **user interface** elements (A-C), wherein a first **user interface** element (B) of the set of **user interface** elements (A-C) is described by one or more documents (820) of the set of documents (831, 835), the mobile telecommunication device (800) comprising a control unit (819), wherein the control unit (819) is configured to provide a document of the one or more documents describing the first **user interface** element (B).

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PN - [US2014257600](#) A1 20140911
PR - US201414198138 20140305; DE201310203841 20130306; US201361773265P 20130306
AP - US201414198138 20140305
DT - **
CT - || R141 (A1)
[US2009119431](#) A1 20090507 [] (PORATH ROLAND [DE], et al)
CCI - [G06F9/52](#) ; [G06F21/629](#) ; [G06F21/85](#) ; [H04L67/12](#)
CCA - [G06F3/14](#) ; [G09G2340/12](#) ; [G09G2370/20](#) ; [G09G2380/12](#)
PA - AIRBUS OPERATIONS GMBH [DE]
TI - APPARATUS FOR CONTROLLING A PLURALITY OF APPLIANCES ABOARD A VEHICLE
AB - An apparatus for controlling appliances aboard a vehicle, including a first data processing device having a **network interface** that can have a vehicle **network** for bidirectional data transmission between the first data processing device and **connected network** appliances. Also provided are an input/output device, a **graphics** processor device **connected** to the screen thereof and to the first data processing device, a **user interface** module provided in the first data processing device and that implements a **graphical user interface** having pages, and at least one separate second data processing device **connected** to the first data processing device via a separate bidirectional data link and having a **network interface** for **connection** to a vehicle **network**. Via each bidirectional data link it is exclusively possible to transmit predefined data records having data of predefined data types for **display** on pages from the second data processing device to the first data processing device.

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PN - [WO2015011472](#) A2 20150129
PNFP - WO2015011472 A3 20150409
PR - GB20130013112 20130723
AP - WO2014GB52248 20140723
DT - *; Rep
CT - |EP| ISR (A3)
[US7277572](#) B2 20071002 [XI] (MACINNES CATHRYN [US], et al)
[X] 1-5,8-16
* column 6 - column 8; figures 2,4,6 *
* column 10, line 1 - line 6 *
* column 13, line 17 - line 21 *
* column 17, line 6 - line 10 *
[I] 6,7;
[GB2468762](#) A 20100922 [XI] (EBUYER [GB])
[X] 1-5,8-16
* page 5 - page 9; figure 4 *
[I] 6,7;
[US7246044](#) B2 20070717 [XI] (IMAMURA KAYO [JP], et al)
[X] 1-5,11,12,15,16
* abstract *
[I] 6-10,13,14
CCI - [G06F17/5004](#)
CUI - [G06F3/04815](#) ; [G06T17/10](#)
CCA - [G06F2217/04](#)
CUA - [G06T2200/24](#)
PA - (A2 A3)
WEST RETAIL GROUP LTD [GB]
TI - (A2 A3)
ROOM PLANNING SYSTEM AND METHOD
AB - (A2 A3)
A room planning system, generally at (10), comprises a host site (12) and a local site (14), two -way communication between which is represented by arrows A. On the host site is a host processor (16), which is **connected** to a database (18). On the local site is a local processor (20) that is **connected to user** input apparatus, in the form of a keyboard (24) and mouse (26), and to a **graphical user interface**, in the form of a **display** (28). The database (18) contains data of a plurality of types of product that are available for the design of a room space. In the example of a kitchen room space, the database contains product details of items such as room fixtures, floor units, wall units, worktops, handles, cornices, plinths, pelmets, sinks, taps, appliances and accessories. The host processor (16) is in communication with one or more local processors (20) via a communications **network** represented by arrows A, which could be a wide area **network**, such as the Internet. The local processor (20), which may comprise a personal computer, has stored thereon a computer programme for causing the processor (20) carry out a room space design method, and for displaying a design template, and an image of the design, on the **display** (28), as will be described below. A 3-D engine, located within the local processor (20), is able to create and **display** a virtual room space on the **display** (28).

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PN - [CN103927335](#) A 20140716

PNFP - CN103927335B B 20171212
 PR - CN20141114500 20140325
 AP - CN20141114500 20140325
 DT - I
 CNOI - (A)
[G05B23/021](#)
 PA - (A)
 BEIJING INST SPACE LAUNCH TECH; CN ACADEMY LAUNCH VEHICLE TECH
 TI - (A)
 Vehicle diagnosis visualized modeling management system and method
 AB - (A)
 The invention discloses a universal vehicle diagnosis visualized modeling management system. The system adopts a hardware monitor to manage the visualized modeling and diagnosis of a vehicular equipment system, the background database of the monitor is **connected** with foreground **user interface** information, a function for fast and accurately building a visualized fault tree is achieved, and manual diagnosis modeling efficiency is increased. The invention further discloses a universal vehicle diagnosis visualized modeling management method. By the method, **graphic** configuration and visualized **display** of the feature parameters and the control system of each part in the vehicular equipment system can be achieved, the configured fault tree information can be associated with the element information of the vehicular equipment system through a **network**, a new fault management function is added without changing hardware, and visualized configuration and **display** of diagnosis results can be achieved.

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PN - [WO2015197131](#) A1 20151230
 PR - WO2014EP63683 20140627
 AP - WO2014EP63683 20140627
 DT - *; Rep
 CT - [EP] ISR (A1)
[US2011154216](#) A1 20110623 [XY] (ARITSUKA TOSHIYUKI [JP], et al)
 [X] 1,5
 * page 1, paragraph 2 - page 9, paragraph 219 *
 [Y] 2-4,6-11;
[US2001037192](#) A1 20011101 [XY] (SHIMAMOTO NOBUYUKI [JP], et al)
 [X] 1,5
 * page 1, paragraph 2 - page 8, paragraph 115 *
 [Y] 2-4,6-11;
[US2003107591](#) A1 20030612 [A] (JAMESON KEVIN W [CA])
 [A] 1-11
 * page 1, paragraph 4 - page 11, paragraph 278 *
 CCI - [G06F9/451](#)
 CCA - [H04L51/32](#)
 PA - RTC TECH AS [NO]
 TI - PLATFORM FOR SCALABLE CUSTOMIZATION OF A DATA SHARING ENVIRONMENT
 AB - The invention relates to a system and method for providing scalable customization of functionality and **graphical user interface** for sharing of data between users with access to different end points, where each end points is provided with a **network interface** and a **display** with a **graphical user interface** that is identical for users defined in same work group, said system comprising. The system comprises a library of different selectable modules for communicating and sharing of data between the users at end points; a control unit comprising a **user interface** with controls for selecting at least one of said modules to be accessible to users defined in the same work group; a unit for generating a customized **user interface** based on at least one selected module, and a **network connecting** each end point together and for sharing data between the end points and displaying these data in identical **user interfaces** at end point defined for users in the same work group.

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PN - [US2014181997](#) A1 20140626
 PR - US201313904936 20130529
 AP - US201313904936 20130529
 DT - *; Rep
 CT - [I] R141 (A1)
[US8156435](#) B2 20120410 [] (WOHLERT RANDOLPH [US]);
[US2010299639](#) A1 20101125 [] (RAMSAY MAX GORDON [AU], et al);
[US2010094833](#) A1 20100415 [] (SVENDSEN HUGH [US])
 CCI - [G06F21/6218](#) ; [H04W12/00](#)
 PA - SONOS INC [US]
 TI - Private Queue Indicator
 AB - Embodiments provided herein involve **connected** states between a mobile device and one or more zones in a **network** media system and different interactions between the mobile device and the **network** media system involving the **connected** states. The **connected** states may be established between the mobile device and the one or more zones such that further actions taken on media items identified in the playlist on the mobile device may also be taken on corresponding media items in a playback queue associated with the one or more zones. The **interface** on the mobile device may **display** various **graphical** representations to indicate the different interactions involving the **connected** states, including when a **connected** state is established, when a **connected** state is lost, and when a reconnected state is reestablished. The **interface** may further provide selectable icons to allow a **user** to navigate among the different media playback options involving the **connected** states.

Interruption by user...