

1) Family number: 44336018 (US2011238463A)

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Title: ELECTRONIC VOTE PRODUCING AN AUTHENTICATABLE RESULT

Abstract: Method of authenticating and counting through a secure electronic voting system and electronic voting system implementing such a method. The object of the present invention is to allow: all voters to authenticate, anonymously, their vote or votes through the listing of the votes counted for the electoral result; all third parties: to count the votes through the listing of the votes counted for the electoral result and to verify the voting rights through the electoral list. The invention proposes that a unique and confidential validation code be generated for each voter of an electoral list (Fig. 5 no. 226). At the completion of the electoral procedure, the voter, by virtue in particular of his validation code or codes, will be able to ascertain his voting number or numbers which will enable him to authenticate, in particular through the Internet, his vote or votes cast through the electoral result. Voters and third parties will be able, through this result, to verify the reckoning of the votes constituting the electoral result.

Classifications:

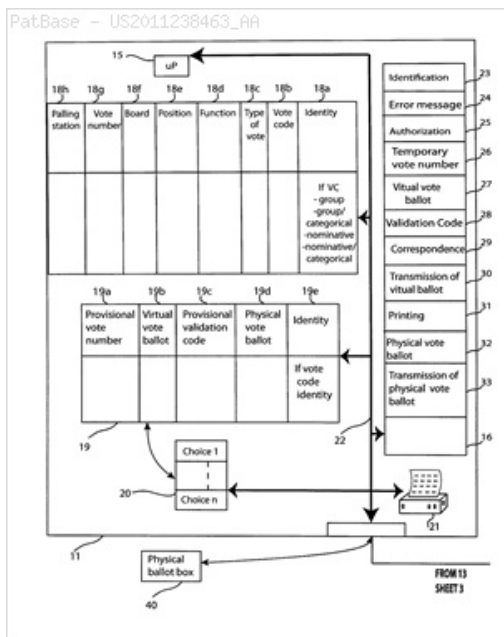
International (IPC 8-9): G07C13/00 G07C13/02 (Advanced/Invention);

G07C13/00 (Core/Invention)

CPC: G07C13/00

European: G07C13/00

US: 705/12 705/12P



Family:

Publication number	Publication date	Application number	Application date
DE602009016115 D1	20130725	DE200960016115T	20090728
EP2260473 A2	20101215	EP20090804593	20090728
EP2260473 B1	20130529	EP20090804593	20090728
FR2934913 A1	20100212	FR20080055467	20080807
FR2934913 B1	20121019	FR20080055467	20080807
US2011238463 AA	20110929	US20090057742	20090728
WO10015735 A2	20100211	WO2009FR00940	20090728
WO10015735 A3	20100610	WO2009FR00940	20090728
WO10015735 A4	20100729	WO2009FR00940	20090728

Priority:

FR20080055467 20080807 EP20090804593 20090728 WO2009FR00940 20090728

Probable Assignee: MARCHAL NICOLAS

Assignee(s): (std): MARCHAL NICOLAS

Assignee(s): NICOLAS MARCHAL

Inventor(s): (std): MARCHAL NICOLAS

Inventor(s): NICOLAS MARCHAL

Agent(s): NICOLAS MARCHAL

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

2) Family number: 32122018 (US2007185761A)

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Title: ANONYMOUS ELECTRONIC VOTING SYSTEM AND ANONYMOUS ELECTRONIC VOTING METHOD

Abstract: A voting server transmits a list of plaintext and encrypted voting data obtained by encrypting the plaintext to a voter terminal, and the voter terminal a selected encrypted candidate name corresponding to the plaintext elected by the

voter to an encryption server. The encryption server returns encrypted voting data obtained by re-encrypting the encrypted candidate name to the voter terminal, and the voter terminal transmits the encrypted voting data received from the encryption server for voting. Decryption of the encrypted voting data is performed by an anonymous decryption system. The voter terminal certifies the voter to an authentication server, and affixes a digital signature to the encrypted voting data based on a common-key authentication base, transmitting the same to the voting server.

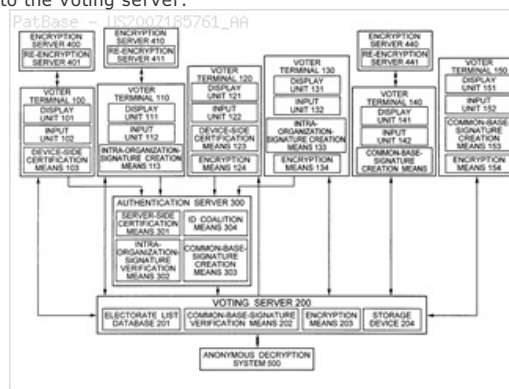
Classifications:

International (IPC 8-9): G06F17/60 G07C G07C13/00 G09C1/00 H04L H04L9/08 H04L9/32 (Advanced/Invention); G07C13/00 H04L9/08 H04L9/32 (Core/Invention)

International (IPC 1-7): G06F17/60 G07C13/00 H04L9/08 H04L9/32
CPC: G07C13/00

European: G07C13/00

US: 235/382 235/386 705/12



Family:

Publication number	Publication date	Application number	Application date
EP1710949 A1	20061011	EP20050703769	20050118
EP1710949 A4	20100421	EP20050703769	20050118
HK1093822 A1	20070309	HK20060112771	20061121
HK1093822 A3	20070309	HK20060112771	20061121
JP2005071878 A1	20071227	JP20050517238T	20050118
JP2011091864 A2	20110506	JP20110016531	20110128
JP4715518 B1	20110706	JP20050517238T	20050118
JP4715518 B2	20110706	JP20050517238T	20050118
JP5246276 B2	20130724	JP20110016531	20110128
US2007185761 AA	20070809	US20050587665	20050118
US7694880 BB	20100413	US20050587665	20050118
WO05071878 A1	20050804	WO2005JP00532	20050118

Priority:

JP20040016894 20040126 JP20050517238 20050118 WO2005JP00532 20050118
JP20110016531 20110128

Probable Assignee: NEC CORP

Assignee(s): (std): MORI KENGO ; NEC CORP ; SAKO KAZUE

Inventor(s): (std): SAKO KAZUE ; MORI KENGO

Agent(s): KIN SHING AND CO; DICKSTEIN SHAPIRO LLP

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

3) Family number: 30114029 (US2002044096A)

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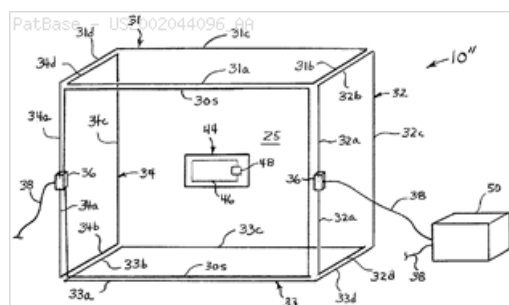
Title: ANTENNA ARRAY FOR SMART RFID TAGS

Abstract: An antenna array comprises a plurality of antenna loops disposed to define a portal or passageway or other detection region in which the plural antenna loops transmit and/or receive electromagnetic signals. A processor coupled to the plural antenna loops processes at least the received signals and/or transmitted signals. The plural antennas may be arrayed in a rectangular array, on hanging flexible substrates or other suitable arrangement, and may be coupled to the processor by a filter or selective switch. The processor may be coupled to a utilization system for cooperating therewith for performing a desired function.

Classifications:

International (IPC 8-9): A61B5/117 G06F11/30 G06F17/50 G06F17/60 G06F19/00 G06F21/00 G06K G06K17/00 G06K19/07 G06K5/00 G06K5/10 G06K7/08 G06K7/10 G06K9/00 G06K9/18 G06K9/68 G06Q10/00 G06Q10/08 G06Q10/10 G06Q30/00 G06Q50/00 G06Q50/10 G06Q50/24 G06Q50/34 G06Q99/00 G07C13/00 G08B G08B13/14 G08B13/24 G08B19/00 G08B23/00 H01Q1/12 H01Q1/22 H01Q1/38 H01Q21/00 H01Q21/24 H01Q21/28 H01Q21/29 H01Q7/00 H03M13/00 H04L12/16 H04L29/06 H04L9/32 H04Q5/22 (Advanced/Invention); G06K17/00 G07C9/00 G08B13/14 (Advanced/Non-invention); G06F11/30 G06F17/50 G06F19/00 G06F21/00 G06K17/00 G06K5/00 G06K7/08 G06K7/10 G06K9/00 G06K9/18 G06Q10/00 G06Q30/00 G06Q50/00 G07C13/00 G08B13/14 G08B13/24 G08B19/00 H01Q1/12 H01Q1/22 H01Q1/38 H01Q21/00 H01Q21/24 H01Q7/00 H03M13/00 H04L29/06 H04L9/32 H04Q5/00 (Core/Invention); G06K17/00 (Core/Non-invention); G06K G08B (Subclass/Invention)

International (IPC 1-7): G01F G06F1/00 G06F11/30 G06F12/14 G06F17/60 G06K17/00 G06K7/10 G06K9/00 G06K9/18 G07B15/02 G07C13/00 G08B13/14 G08B23/00 G08B5/22 H01Q1/12 H01Q1/22 H01Q1/38 H01Q11/12 H01Q21/00 H01Q21/24 H01Q21/28 H01Q21/29 H01Q7/00 H04K1/00 H04L29/06 H04L9/00 H04L9/32 H04Q7/00
CPC: G06Q10/0875 G06Q50/34 G07F17/3288 G08B13/2448 G06K19/07749 G06K19/07756 G06K19/07767 A61M2205/6009 A61M2205/6054 G06Q50/24 G16H10/65 G16H40/20 G06F19/3462 G07C9/00111 G06Q10/02 G06Q50/28 H04L63/0853 G06K17/00 G06K7/10316 H01Q1/2216 F25D2700/08 G06Q10/08 H01Q21/00 G08B13/2477 G06K7/10336 H01Q1/2225 G06K19/0723 G06K7/14 H04L63/123 G06K17/0032 H01Q1/2208 G06K7/10346 G06Q10/10 G07C13/00 G08B13/2417 G08B13/2462 G08B13/2471 G08B13/2474 G08B13/2482 H01Q1/1221 H01Q1/22 H01Q1/38 H01Q7/00 H01Q21/24 H01Q21/28 H01Q21/29 H04L63/0861 H04L63/12



European: G06F17/60A G06F17/60R G06F19/32G G06F19/34L1 G06K17/00 G06K17/00K G06K19/077T G06K19/077T2E G06K19/077T4A G06K19/07T G06K7/10A8 G06K7/10A8C G06K7/10A8E G06Q10/02 G06Q10/08 G06Q10/0875 G06Q10/10 G06Q50/24 G06Q50/28 G06Q50/34 G07C13/00 G07F17/32P2 G08B13/24B1G1 G08B13/24B5T G08B13/24B7A1 G08B13/24B7A2 G08B13/24B7A3 G08B13/24B7M H01Q1/12B2 H01Q1/22 H01Q1/22C H01Q1/22C2 H01Q1/22C4 H01Q1/38 H01Q21/00 H01Q21/24 H01Q21/28 H01Q21/29 H01Q7/00 H04L29/06C6C2 H04L29/06C6G H04L63/08E H04L63/08F H04L63/12 R25D700/08 S06F19/32C1 S06K17/00W2 S06K17/00W34 S06K17/00W6 S07C13/00 S07C9/00B10 T04L63/12A
US: 235/375 235/375S 235/376 235/381 235/382 235/383 235/384 235/385 235/385P 235/386 235/386P 235/386S 235/435 235/435S 235/437 235/454 235/454P 235/454S 235/487 235/487S 235/492 235/494 235/494S 235/50.00R 235/50R 235/51 235/54.00F 235/54F 340/10.1 340/10.100S 340/10.5 340/10.500S 340/10.51 340/10.52 340/5.1 340/5.25 340/5.250P 340/5.8 340/5.800S 340/5.92 340/5.920S 340/539.12 340/539.13 340/539.130S 340/551 340/572.1 340/572.100P 340/572.100S 340/572.2 340/572.7 340/572.700P 340/572.8 340/572.800S 340/573.1 340/573.100P 340/573.100S 340/58 340/745 340/748 340/8.1 340/8.100P 340/8.100S 340/825.49 340/870.11 340/870.110S 343/742 343/742P 343/745 343/748 343/843 343/844 343/866 343/867 343/867S 343/893 343/894 345/179 348/161 382/100 382/115 382/119 382/119P 382/120 382/121 382/122 382/123 382/186 382/186S 382/187 382/218 382/219 382/305 455/414 705/1 705/12 705/12P 705/29 705/29P 705/3 709/201 713/168 713/176 713/186 713/189 713/200 713/201 713/202 714/752 716/100 726/13 726/5 726/7 726/7P

Family:

Publication number	Publication date	Application number	Application date
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WO02070998 A3	20030717	WO2001US45769	20011101
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WO0231629 A3	20030213	WO2001US42563	20011009
WO0233511 A2	20020425	WO2001US31828	20011011
WO0233511 A3	20041229	WO2001US31828	20011011
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Priority:

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US20080250214	20081013	US20100691031	20100121		

Probable Assignee: PANASEC CORP

Assignee(s): (std): AVANTE INT TECHNOLOGY ; AVANTE INT TECHNOLOGY INC ; CHUNG KEVIN KWONG TAI ; SHI XIAOMING ; KWONG TAI CHUNG KEVIN ; DONG VICTOR JUN ; MINADEO JAMES ARTHUR ; MINADEO JAMES A ; CHUNG KEVIN KWONG TAIQ ; CHUNG KEVIN K ; DONG VICTOR J ; AMERASIA INT TECHNOLOGY I ; AMERASIA INT TECHNOLOGY INC ; PANASEC CORP ; AI TECHNOLOGY

Assignee(s): AL TECHNOLOGY ; AMERASIA INT ; LIU SHUIWANG ; AMERASIA INT TECHNOLOGY INC 70 WASHINGTON ROAD ; AMERASIA INT TECHNOLOGY INC PRINCETON JUNCTION ; AVANTE INT ; SILICON VALLEY BANK

Inventor(s): (std): DONG VICTOR JUN ; JAMES A MINADEO ; KEVIN KWONG TAI CHUNG ; KWONG TAI CHUNG KEVIN ; LIU SHUIWANG ; MINADEO JAMES A ; MINADEO JAMES ARTHUR ; SHI XIAOMING ; XIAOMING SHI ; DONG VICTOR J ; CHUNG KEVIN K ; CHUNG KEVIN KWONG TAI ; CHUNG KEVIN KWONG TAIQ

Inventor(s): DONG VICTOR ; CHUNG KEVIN KWONG TAI PRINCETON ; CHUNG KEVIN

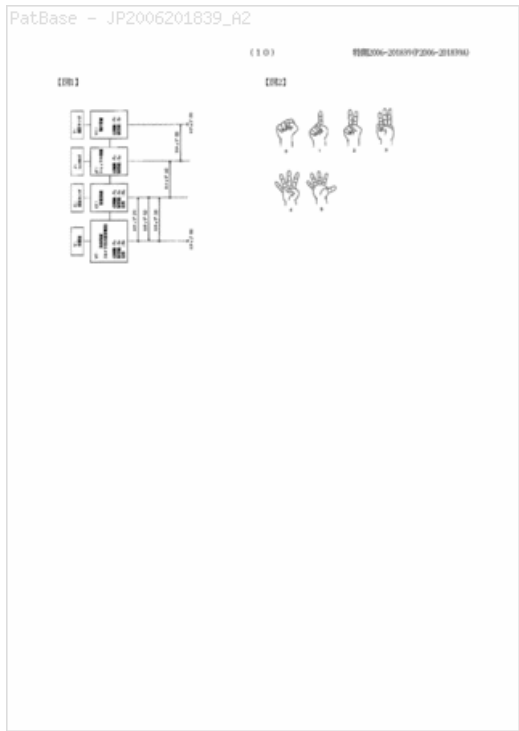
Agent(s): BERESKIN AND PARR; BERESKIN AND PARR LLP SENCRL SRL; PATENTANWAELTE ISENBRUCK BOESL HOERSCHLER LLP; HANSON WILLIAM BENNETT; HASTINGS AND CO 5TH FLOOR GLOUCESTER TOWER LANDMARK 11 PEDDER; HASTINGS AND CO; DANN DORFMAN HERRELL AND SKILLMAN; DANN DORFMAN HERRELL AND SKILLMAN PC; CLEMENT A; BERARD ESQ CLEMENT A

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

Abstract: PROBLEM TO BE SOLVED: To provide a voting system which eliminates the possibility of voting against a voter's will by corruption and intimidation, and allows for voting from home, an office, a business trip destination, etc., thereby increasing the voter turnout and enabling efficient and accurate vote-counting work. SOLUTION: When a voter V throws a vote using a voting device VT, an authentication device CT gives an instruction to make a gesture to the voting device VT. The voter V transmits a moving picture of his or her voting condition which has been taken with a camera of his or her cellular phone, and which incorporates the gesture made according to the instruction, together with the contents of his or her vote. The authentication device CT authenticates the validity of the vote only when there is no one other than the voter him/herself taken in the moving picture, and also the gesture according to the instruction of the authentication device CT is incorporated in the moving picture.

Classifications:

International (IPC 8-9): G06Q50/00 G06Q50/10 G06Q50/34
H04M11/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
JP2006201839 A2	20060803	JP20050010081	20050118

Priority:

JP20050010081 20050118

Probable Assignee: UNIV TOKYO DENKI

Assignee(s): (std): UNIV TOKYO DENKI

Assignee(s): TOKYO DENKI UNIV

Inventor(s): (std): KATSURAGAWA KENICHI ; MOTOSUGI HIROSHI ; SASAKI RYOICHI

5) Family number: 28681161 (US2006294387A) © PatBase

Title: METHOD OF CONTROLLING ACCESS

Abstract: A method of controlling access comprises detecting at least one access request containing a specified caller number and storing the specified caller number and the time of the request, detecting at least one call, identifying the caller number and storing the identified caller number and time of the call. The access request is denied unless the specified caller number of the access request matches an identified caller number, and the time between that access request and the call is less than a predetermined period.

Classifications:

International (IPC 8-9): G06F1/00 G06F21/00 G06F21/42 G06F21/43
H04L29/06 H04L9/00 (Advanced/Invention);

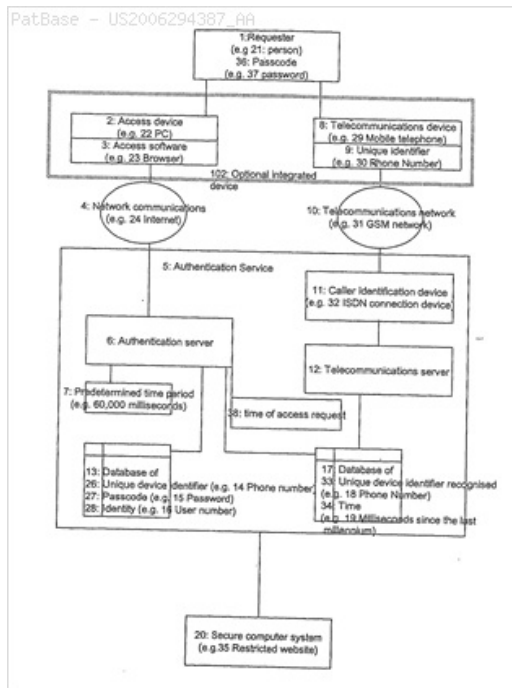
G06F1/00 G06F21/00 H04L29/06 H04L9/00 (Core/Invention)

International (IPC 1-7): G06F1/00 G06F19/00 G06F21/00

CPC: H04L2463/082 H04L63/083 G06F21/42 G06F21/43 H04L63/18
H04W12/06 H04W12/08 H04L63/101

European: G06F1/00N5A2T G06F21/00N5A2T H04L29/06C6C

US: 713/182 713/182P

**Family:**

Publication number	Publication date	Application number	Application date
AU2004239464 AA	20041125	AU20040239464	20040513
EP1623356 A1	20060208	EP20040732655	20040513
GB200311178 A0	20030618	GB20030011178	20030515
GB2401745 A1	20041117	GB20030011178	20030515
GB2401745 B2	20060215	GB20030011178	20030515
US2006294387 AA	20061228	US20040556694	20040513
WO04102461 A1	20041125	WO2004GB02068	20040513

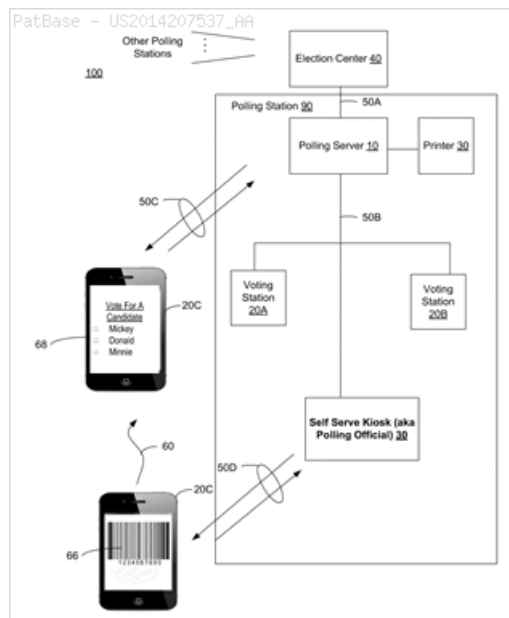
Priority:

GB20030011178 20030515 WO2004GB02068 20040513

Probable Assignee: IDENTRICA LTD**Assignee(s):** (std): BRAND JOHN M ; BRAND JOHN MCHARDY ; DESKTOP GUARDIAN LTD ; IDENTRICA LTD ; MCCracken DOUGLAS WILLIAM ; MCCracken DOUGLAS W**Assignee(s):** IDENTRICA LIMITED ; DESKTOP GUARDIAN LIMITED**Inventor(s):** (std): BRAND JOHN M ; BRAND JOHN MCHARDY ; DOUGLAS WILLIAM MCCracken ; JOHN MCHARDY BRAND ; MCCracken DOUGLAS W ; MCCracken DOUGLAS WILLIAM**Inventor(s):** BRAND JOHN ; MCCracken DOUGLAS**Agent(s):** FB RICE ; FB RICE PTY LTD ; KNOBBE MARTENS OLSON AND BEAR LLP**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**6) Family number: 56957172 (US2014207537A)**

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Title: EXPRESS VOTING**Abstract:** Methods and apparatus, including computer program products, are provided for express voting. In some example embodiments, there is provided a method for express voting. The method may include authenticating a voter based on a token carried by a user equipment, the token mapped to at least one of an identity of the voter, a precinct of the voter, and a ballot for the voter; and providing, when the authenticating indicates the voter is authorized to vote, the ballot presented on the user equipment. Related systems, methods, and articles of manufacture are also disclosed.**Classifications:****International (IPC 8-9):** G07C13/00 (Advanced/Invention)**CPC:** G07C13/00 G06Q2230/00**US:** 705/12



Family:

Publication number	Publication date	Application number	Application date
EP2759985 A1	20140730	EP20140152356	20140123
US2014207537 AA	20140724	US20140163952	20140124
US10109129 BB	20181023	US20140163952	20140124

Priority:

US20130756411P 20130124 US20140163952 20140124

Probable Assignee: EVERYONE COUNTS INC

Assignee(s): (std): EVERYONE COUNTS INC

Assignee(s): FMP AGENCY SERVICES LLC AGENT AS ; VOTEM EC INC ; AGILITY CAPITAL II LLC

Inventor(s): (std): REINES CRAIG HAROLD ; KELLY ANTHONY ; JOYCE ERIC JAMES

Agent(s): MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO LLP; MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO PC

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

7) Family number: 49150265 (US2012095811A)

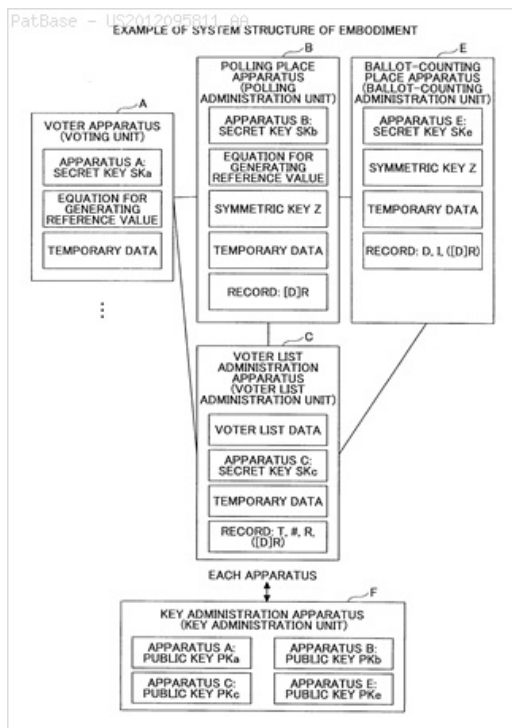
© PatBase

Title: ELECTRONIC VOTING SYSTEM

Abstract: Disclosed is an electronic voting system in which a polling administration unit, upon receiving encoded vote content data encoded by a temporary key from a voting unit, generates a reference value capable of identifying sameness of the encoded vote content data and sends it to a voter list administration unit, the voter list administration unit receives the temporary key, the reference value of the encoded vote content data, and voter identification data for identifying a voter from the voting unit, determines that a vote is valid when the reference value received from the voting unit and the reference value received from the polling administration unit match as well as a voter identified by the voter identification data is qualified by voter list data.

Classifications:

International (IPC 8-9): G06Q10/00 G06Q50/00 G07C13/00
G07C13/02 H04L9/00 H04L9/08 H04L9/32 (Advanced/Invention)
CPC: H04L9/3297 G07C13/00 G06Q10/06 G06Q50/26 H04L63/067
H04L63/0838 H04L9/3247 H04L9/0894 H04L2209/463
European: G06Q10/06 G06Q50/26 G07C13/00 H04L63/06D
H04L63/08D1 H04L9/08 H04L9/30 H04L9/32
US: 380/201 380/272 380/277 705/12 705/12P 713/150 713/165
713/168 713/190 713/192 713/193 726/15



Family:

Publication number	Publication date	Application number	Application date
JP2011133983 A2	20110707	JP20090291006	20091222
JP4835886 B2	20111214	JP20090291006	20091222
US2012095811 AA	20120419	US20100378870	20101019
US2012328104 AA	20121227	US20120533657	20120626
US8983074 BB	20150317	US20120533657	20120626
WO11077826 A1	20110630	WO2010JP68793	20101019

Priority:

JP20090291006 20091222 WO2010JP68793 20101019 US20110378870 20111216
 US20120533657 20120626

Probable Assignee: QUAD INC

Assignee(s): (std): QUAD INC ; QUAD KK ; TAGAWA KOZO

Inventor(s): (std): TAGAWA KOZO

Agent(s): DOV; INVENTEK

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

8) Family number: 55351345 (WO13182252A1)

© PatBase

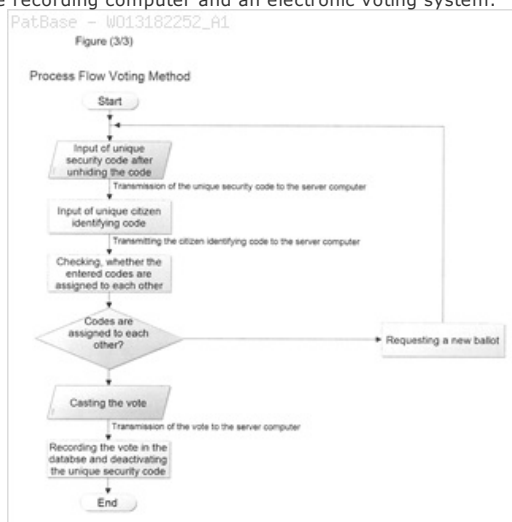
Title: VOTING METHOD

Abstract: The present invention relates to a method for secure voting, a voting ballot comprising a hidden unique security code, an apparatus for electronic voting, a voting input device, a vote recording computer and an electronic voting system.

Classifications:

International (IPC 8-9): G07C13/00 (Advanced/Invention)

CPC: G07C13/00



Family:

Publication number	Publication date	Application number	Application date
TR201301506 B	20160321	TR20130001506	20120608
WO13182252 A1	20131212	WO2012EP60934	20120608

Priority:

WO2012EP60934 20120608

Probable Assignee: KUTLUALP HAKAN BILAL

Assignee(s): (std): KUTLUALP HAKAN BILAL

Assignee(s): HAKAN BILAL KUTLUALP

Inventor(s): (std): KUTLUALP HAKAN BILAL

Inventor(s): HAKAN BILAL KUTLUALP

Agent(s): AHMET YUECEKAYA; CLAESSEN ROLF

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

9) Family number: 44937403 (US2012048930A)

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Title: SYSTEMS FOR CONFIGURING VOTING MACHINES, DOCKING DEVICE FOR VOTING MACHINES, WAREHOUSE SUPPORT AND ASSET TRACKING OF VOTING MACHINES

Abstract: A system and device facilitate the storage and tracking of warehoused voting machines. A system includes a host computer, a plurality of voting machines that are connected via a network to the host computer, each voting machine having one or both of a wireless communication device and a data port that is coupled to the host computer. The system also includes an election and voting machine preparation portion included in the host computer to manage and/or control the connected voting machines. The election and voting machine preparation portion is configured to manage the status of the connected voting machines, is configured to instruct the voting machines to run self tests, is configured to receive results of the self tests back from the connected voting machines, and is configured to prepare/program the connected voting machines with an election ballot.

Classifications:

International (IPC 8-9): G06K7/10 G07C13/00 G07C13/02

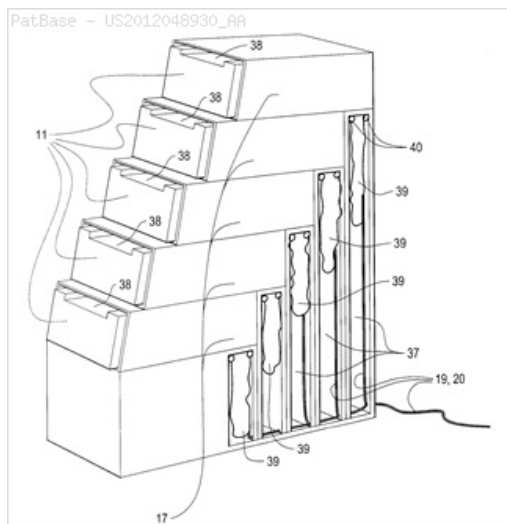
H05K5/02 (Advanced/Invention);

G06K7/10 G07C13/00 (Core/Invention)

CPC: G07C13/00

European: G07C13/00

US: 235/386 235/386P 235/51 235/54F 361/679.41 361/679.410S 705/12



Family:

Publication number	Publication date	Application number	Application date
US2012048930 AA	20120301	US20110092604	20110422
US2012061468 AA	20120315	US20110092600	20110422
US2012111940 AA	20120510	US20110092606	20110422
US2012145784 AA	20120614	US20110092599	20110422
US8714450 BB	20140506	US20110092600	20110422
US8864026 BB	20141021	US20110092606	20110422
US8876002 BB	20141104	US20110092604	20110422
US8910865 BB	20141216	US20110092599	20110422
WO10048197 A1	20100429	WO2009US61343	20091020
WO10048295 A1	20100429	WO2009US61493	20091021
WO10048612 A1	20100429	WO2009US62069	20091026
WO10048614 A1	20100429	WO2009US62078	20091026

Priority:

US20080193062P 20081024

WO2009US61343 20091020

WO2009US61493 20091021

WO2009US62069 20091026

WO2009US62078 20091026

US20110092599 20110422

US20110092604 20110422

US20110092600 20110422

US20110092606 20110422

Probable Assignee: DOMINION VOTING SYSTEMS INC

Assignee(s): (std): ARNAO FEDERICO ; ARNAO FEDERICO ; COOMER ERIC ; DOMINION VOTING SYSTEMS CORP ; DOMINION VOTING SYSTEMS INC ; LIERMAN BRIAN ; KORB LARRY ; SEQUOIA VOTING SYSTEMS INC ; MALETZ JOSH ; KORB LARY ; WEINEL DOUG ; LIERMAN BRIAN GLENN ; WEINEL DOUG HAROLD

Assignee(s): NORTH HAVEN CREDIT PARTNERS II LP ADMINISTRATIVE AGENT AS ; ROYAL BANK OF CANADA

Inventor(s): (std): ARNAO FEDERICO ; COOMER ERIC ; KORB LARRY ; KORB LARY ; LIERMAN BRIAN ; MALETZ JOSH ; WEINEL DOUG ; WEINEL DOUG HAROLD ; ARNAO FEDERICO ; LIERMAN BRIAN GLENN

Agent(s): HOLLAND AND HART LLP; ARMSTRONG JOEL

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

10) Family number: 52121454 (WO12137035A1)

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Title: USE OF GSM NETWORKS FOR NATIONAL LEVEL LOCATION BASED MOBILE VOTING/POLLING SYSTEM

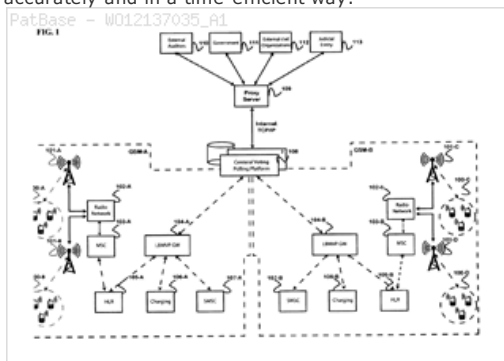
Abstract: This invention provides a complete national level location based mobile voting/ polling (LBMVP) solution which covers the whole country GSM networks to give access to all citizens and is connected in real time to a central database platform, that; collects all voting/ polling contributions online from all GSM networks, professionally performs vote counting analysis in a secured way-taking the voter privacy into consideration, as shown in figure 1. The solution offers external access to any third party for voting process and results auditing needed by judicial entities (113), civil organization (112), government (111), or any external auditors (110). The solution is based on USSD which is a GSM Mobile Application Protocol (MAP) application to collect citizen's votes and get the location of voters. GSM Mobile Application Protocol (MAP) will provide a communication channel between the solution and the voter through the GSM networks. It is a high capacity communication channel, accessible from all mobile handset types, cost efficient and it is free of charge as it is based on signaling channels which are commonly used by default even if the mobile phone is idle. The invention provides a wide range of voting/ polling services useful for presidential elections, people assembly elections, politician decision support by their followers, political parties internal voting/ polling, clubs elections, governmental and non-governmental institutes elections, media and talk shows, public and private events, conferences, enterprise decision making, and more. These set of services add lots of values to citizens, employees, leaders, followers and subordinates. It creates a sort of synergy and alliance between people moreover, helps decision makers in any place to take right decisions accurately and in a time-efficient way.

Classifications:

International (IPC 8-9): G06Q10/00 G06Q50/00 G07C13/00 (Advanced/Invention)

CPC: G06Q10/10 G06Q50/18 G06Q50/26 G06Q50/32 G07C13/00

European: G06Q10/10 G06Q50/18 G06Q50/26 G06Q50/32



Family:

Publication number	Publication date	Application number	Application date
WO12137035 A1	20121011	WO2011B51432	20110404

Priority:

WO2011B51432 20110404

Probable Assignee: TALAAT MOHAMED

Assignee(s): (std): TALAAT MOHAMED

Inventor(s): (std): TALAAT MOHAMED

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

11) Family number: 48350492 (JP2011028376A)

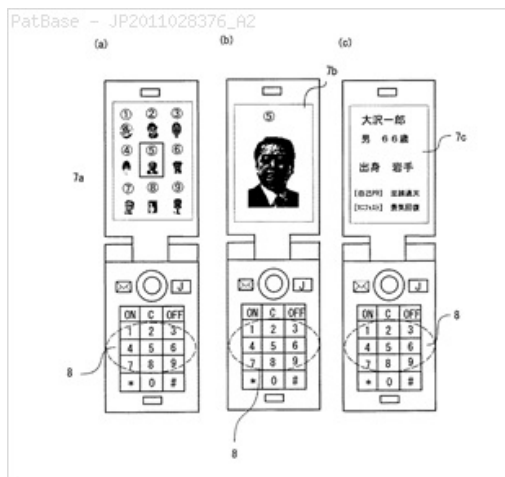
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Title: ELECTION SYSTEM

Abstract: PROBLEM TO BE SOLVED: To provide an electronic voting system using cellphones. SOLUTION: This election system includes: an application server on a network; and the cellphones each including an ID. The application server has a CPU executing a voting program of election. The voting program includes: a program of a system for dividing election of each stage into election groups each including candidates of a number displaceable in the cellphone, gathering candidates elected in low-order election, performing high-order election, and reaching final election; a program for preventing duplicate voting from the same cellphone in an election group unit by identifying the ID; and a first-in first-out type program for performing the high-order election while continuing the low-order election in a stage wherein the candidates constituting a high-order election group are reorganized in the middle of the low-order election.

Classifications:

International (IPC 8-9): G06Q10/00 G06Q50/00 G06Q50/10 G06Q50/34 G07C13/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
JP2011028376 A2	20110210	JP20090171171	20090722

Priority:

JP20090171171 20090722

Probable Assignee: MURAYAMA OSAMU

Assignee(s): (std): MURAYAMA OSAMU

Inventor(s): (std): FURUKAWA AKIRA ; MAGATA TAKAYUKI ; MURAYAMA OSAMU

12) Family number: 41784534 (US2008105742A)

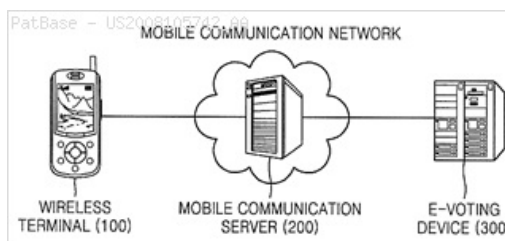
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Title: DEVICE AND METHOD OF ELECTRONIC VOTING USING MOBILE TERMINAL

Abstract: Provided are a device for and a method of electronic voting (e-voting) using a wireless terminal. The e-voting device comprises: a voter identity verifying unit which verifies a voter can be allowed to vote based on a certificate of the voter received from a wireless terminal of the voter over a mobile communication network; an encryption key management unit which creates an encryption key for encrypting the content of voting and transmits the encryption key to the wireless terminal; a vote information providing unit which provides vote information containing a list of possible voting selections to the wireless terminal; and a voting selection storing unit which decrypts the encrypted content of voting that a personal identification information of the voter has been deleted and stores its result. The present invention allows a voter to cast his/her vote in a simple and convenient way without time and travel demands, thereby increasing the voting rate, and also ensuring secrecy and anonymity.

Classifications:

International (IPC 8-9): G06K17/00 G06Q10/00
G06Q99/00 (Advanced/Invention);
G06Q50/00K0 (Advanced/Non-invention);
G06K17/00 G06Q10/00 G06Q99/00 (Core/Invention)
CPC: H04W12/02 G07C13/00
European: G07C13/00
US: 235/386



Family:

Publication number	Publication date	Application number	Application date
KR100848314 B1	20080724	KR20060108908	20061106
KR20080040932 A	20080509	KR20060108908	20061106
US2008105742 AA	20080508	US20070867227	20071004

Priority:

KR20060108908 20061106

Probable Assignee: ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INST

Assignee(s): (std): CHUNG KYO IL ; ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INST KOREA ; HONG DO WON ; KIM KEONWOO ; PARK TAE JUN ; KOREA ELECTRONICS TELECOMM

Assignee(s): ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE ; ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INST

Inventor(s): (std): CHUNG KYO IL ; HONG DO WON ; KIM KEONWOO ; PARK TAE JUN ; KIM KEON WOO

Agent(s): LADAS AND PARRY LLP

13) Family number: 32475601 (US2005269406A)

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Title: CRYPTOGRAPHIC SYSTEMS AND METHODS, INCLUDING PRACTICAL HIGH CERTAINTY INTENT VERIFICATION, SUCH AS FOR ENCRYPTED VOTES IN AN ELECTRONIC ELECTION

Abstract: Methods and associated systems provide proof of a ballot cast in an election or of user choices under a data structure. The method includes, for example, casting a ballot representing a voter's intended choice associated with a cast ballot, and creating a private, paper receipt that represents the voter's intended choice associated with the cast ballot. The private, paper receipt includes human-readable information to permit the voter to publicly verify that the cast ballot has been

included in a ballot tabulation process, and wherein only the voter can discern from the human-readable information on the private, paper receipt what the voter's intended choice was, with respect to the cast ballot.

Classifications:

International (IPC 8-9): G06K17/00 G06Q10/00 G07C13/00

G07C13/02 (Advanced/Invention);

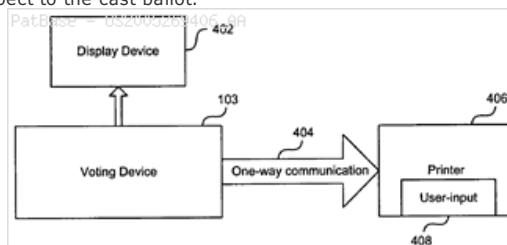
G06K17/00 G06Q10/00 G07C13/00 (Core/Invention)

International (IPC 1-7): G06F17/60

CPC: G07C13/00

European: G07C13/00

US: 235/386 705/12



Family:

Publication number	Publication date	Application number	Application date
CA2567727 AA	20061122	CA20052567727	20050607
EP1756767 A2	20070228	EP20050770059	20050607
US2005269406 AA	20051208	US20050147655	20050607
WO05122049 A2	20051222	WO2005US20094	20050607
WO05122049 A3	20080724	WO2005US20094	20050607

Priority:

US20040577566P 20040607

US20040579894P 20040615

US20040944433 20040917

US20050682792P 20050518

US20050147655 20050607

WO2005US20094 20050607

Probable Assignee: DEMOXI INC

Assignee(s): (std): DATEGRITY CORP ; NEFF ANDREW C ; NEFF C A

Assignee(s): DEMOXI INC

Inventor(s): (std): NEFF ANDREW C ; NEFF C A

Inventor(s): NEFF C ANDREW ; NEFF C

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP; PERKINS COIE LLP, PATENT-SEA; PERKINS COIE LLP PATENT SEA

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

14) Family number: 43776779 (JP2009193544A)

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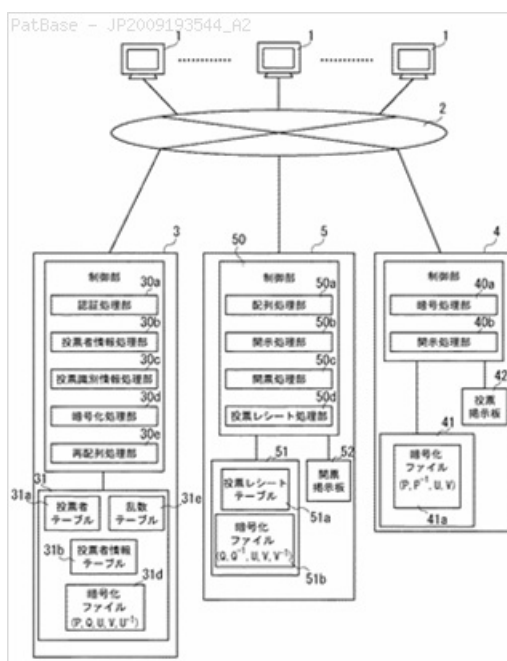
Title: ELECTRONIC VOTING METHOD, ELECTRONIC VOTING SYSTEM AND PROGRAM

Abstract: PROBLEM TO BE SOLVED: To provide an electronic voting system for ensuring validity, anonymity, verifiability or the like of voting. SOLUTION: The electronic voting system comprises: a voting management device 3 which confirms the validity of a voter and transmits information necessary for voting to a voter terminal 1; a bulletin board management device 4 which discloses voting information transmitted from the voter terminal 1 on a voting bulletin board; and a vote counting management device 5 which discloses vote counting information on a vote counting bulletin board based on the disclosed voting information. The bulletin board management device 4 encrypts the voting information to generate encrypted voting information, and discloses, in association with voter information assigned to a valid voter, the encrypted voting information and encrypted voting identification information obtained by encrypting voting identification information. The vote counting management device 5 extracts and randomly arranges the encrypted information from the voting bulletin board on the vote counting bulletin board, decodes the information, and discloses the resulting voting identification information and voting information on the vote counting bulletin board.

Classifications:

International (IPC 8-9): G06Q50/00 G06Q50/10 G06Q50/34

H04L9/32 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
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Priority:

JP20080036568 20080218

Probable Assignee:

UNIV FUKUI

Assignee(s): (std):

UNIV FUKUI

Assignee(s):

UNIV OF FUKUI

Inventor(s): (std):

TAMURA SHINSUKE

15) Family number: 52149781 (US2014089062A)

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Title: VOTING SYSTEMS AND VOTING METHODS BASED ON SMART MOBILE COMMUNICATION DEVICES

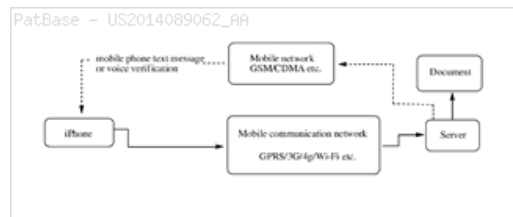
Abstract: The invention provides a voting system based on smart mobile communication devices. It comprises at least one smart mobile communication device, at least one server device, a client module, and a server module. The client module is installed on the smart mobile communication device and it is used for temporarily saving the voter's information, submitting identity verification request, showing voting inquiries, and submitting votes. The server module is installed on the server device and it is used for storing the voter's information, verifying the voter's registration and identity, issuing and verifying the voting certificate, creating and publishing the voting affair, and calculating and publishing the voting contents statistics. The client module and the server module perform digital communications through a mobile communication network. The invention also provides a voting method based on smart mobile communication device. According to this invention, voting can be safe, convenient and fast.

Classifications:

International (IPC 8-9): G07C13/00 (Advanced/Invention)

CPC: G07C13/00

US: 705/12



Family:

Publication number	Publication date	Application number	Application date
CN102722931 A	20121010	CN201210209301	20120621
CN102722931 B	20140917	CN201210209301	20120621
US2014089062 AA	20140327	US20130788019	20130307
US9652920 BB	20170516	US20130788019	20130307

Priority:

CN201210209301 20120621

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16) Family number: 48765781 (US2011089236A)

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Title: SYSTEM AND METHOD FOR DECODING AN OPTICALLY READABLE MARKABLE SHEET AND MARKABLE SHEET THEREFOR

Abstract: An optically readable markable sheet has selection mark spaces and has voiding mark spaces associated with the selection mark spaces. An apparatus and a method for reading the optically readable sheet may comprise a processor decoding a sheet identifier and the mark spaces from an image of the sheet and determining the mark spaces that are marked. Marking a voiding mark space voids a selection marked in the selection mark space with which the voiding mark space is associated. Sheet images and a record of marked mark spaces are stored in a memory, preferably a non-volatile memory. Sheet images may be provided by an optical imager that images the sheet and/or by an optical mark reader that reads the sheet.

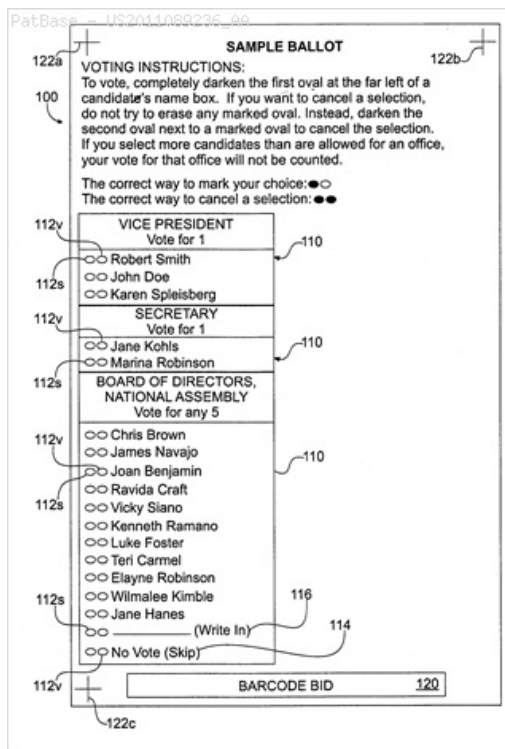
Classifications:

International (IPC 8-9): A63F3/06 B42D15/00 G06F11/00 G06F17/00 G06K17/00 G06K7/00 G06K7/10 G06K7/14 G07C11/00 G07C13/00 G09B19/00 G09B9/00 (Advanced/Invention)

CPC: A63F3/06 A63F3/064 B42D25/00 G07C13/00 A63F3/0635 B42D15/004 B42D25/27

European: A63F3/06 G07C13/00 K63F3/06C3 K63F3/06C5 L42D15/00E L42D15/10

US: 235/375 235/375S 235/386 235/386P 235/435 235/454 283/5 283/5S 434/306 705/12



Family:

Publication number	Publication date	Application number	Application date
PH2010000340 A	20120604	PH20100000340	20101021
US2011089236 AA	20110421	US20100905583	20101015
US8261986 BB	20120911	US20100905583	20101015

Priority:

US20090279432P 20091021 US20100905583 20101015

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Inventor(s): (std): KEVIN KWONG TAI CHUNG ; ERNESTO DELA ROSA DEL ROSARIO ; CHUNG KEVIN KWONG TAI ; DEL ROSARIO ERNESTO DELA ROSA

Agent(s): HECHANOVA AND CO INC; DANN DORFMAN HERRELL AND SKILLMAN PC; CLEMENT A

17) Family number: 51113878 (EP2455919A3)

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Title: METHOD FOR ELECTRONIC VOTING USING A MOBILE COMMUNICATIONS NETWORK PROCEDE DE VOTE
ELECTRONIQUE PAR L'INTERMEDIAIRE D'UN RESEAU RAD

Abstract: Source: EP2455919A3 [DE] Die Erfindung betrifft Verfahren zum elektronischen Abstimmen ueber ein Mobilfunknetz (25) in einer vertrauenswuerdigen Instanz (21) in einem mobilen Endgeraet (23) eines Wahlberechtigten (20), ein Verfahren zum elektronischen Abstimmen ueber ein Mobilfunknetz (25) in einer Wahlinstanz (22) sowie einem Verfahren zum Registrieren eines Wahlberechtigten an dem elektronischen Abstimmen. Das Verfahren nach Anspruch 1 umfasst dabei die Verfahrensschritte: Empfangen (9) eines Identitaetsnachweises des Wahlberechtigten (20) in der vertrauenswuerdigen Instanz (21); Senden (10) der persoelichen Identifikationsnummer von der vertrauenswuerdigen Instanz (21) ueber das Mobilfunknetz (25) an eine Wahlinstanz (22); Empfangen (12) eines elektronischen Wahlschlüssels in der vertrauenswuerdigen Instanz (21) von der Wahlinstanz (22) ueber das Mobilfunknetz (25) an die vertrauenswuerdige Instanz (21), wobei der Wahlschlüssel fuer alle Wahlberechtigten (20) zumindest einer Region gleich ist; Empfangen (8) einer Abstimminformation des Wahlberechtigten (20) in der vertrauenswuerdigen Instanz (21); Verschlüsseln (15) von Abstimminformation und einer Zufallszahl mit dem Wahlschlüssel und Senden (16) der verschlüsselten Abstimminformation mit Zufallszahl von der vertrauenswuerdigen Instanz ueber das Mobilfunknetz (25) an die Wahlinstanz (22) mittels eines verbindungslosen Netzwerkprotokolls.

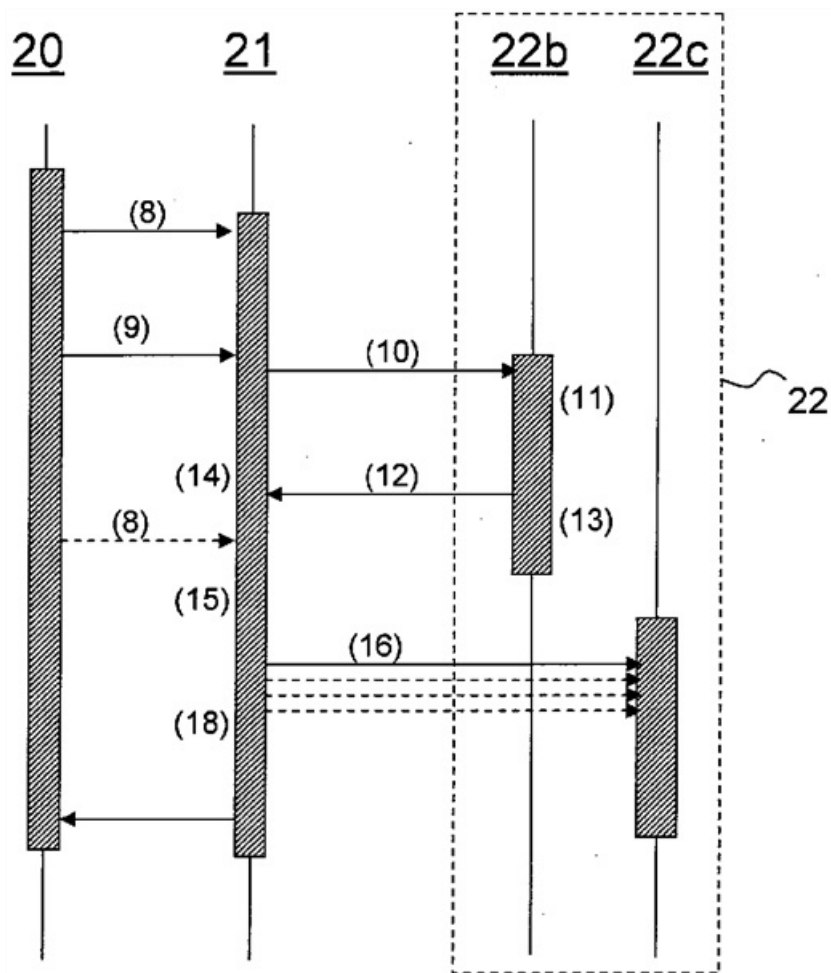


Fig. 2

Classifications:

International (IPC 8-9): G07C13/00 H04L29/06

H04L9/32 (Advanced/Invention)

CPC: G07C13/00 H04L69/164

European: G07C13/00

PatBase - EP2455919_A2

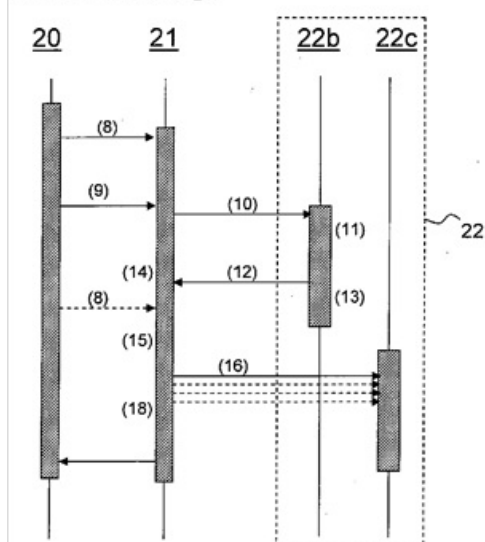


Fig. 2

Family:

Publication number	Publication date	Application number	Application date
DE102010052170 A1	20120524	DE201010052170	20101122
EP2455919 A2	20120523	EP20110009169	20111118
EP2455919 A3	20161228	EP20110009169	20111118

Priority:

DE201010052170 20101122

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Inventor(s): (std): BEHLENDORF SASCHA

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO
PL PT RO RS SE SI SK SM TR