

1) Family number: 54513488 (US2013201316A)

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Title:	SYSTEM AND METHOD FOR SERVER BASED CONTROL			
Priority:	US20120584500P 20120109	US20120620129P 20120404	US20120637030P 20120423	
	US20120647034P 20120515	US20130733634 20130103	US20160361434 20161127	
	US20170657163 20170723	US20170716881 20170927	US20170832787 20171206	
	US20180992219 20180530	US20180992221 20180530	US20180053836 20180803	
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	US2017078400 AA	20170316	US20160361434	20161127
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	US2018034912 AA	20180201	US20170716881	20170927
	US2018124181 AA	20180503	US20170832787	20171206
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	US2018343304 AA	20181129	US20180053836	20180803
Probable Assignee:	MAY PATENTS LTD			
Assignee(s):(std):	MAY PATENTS LTD			
Inventor(s):(std):	BINDER YEHUDA ; MAYTAL BENJAMIN			
International class (IPC 8-9):	H04L29/08 (Advanced/Invention); B60K31/00 B60K31/18 G01C21/00 G07C5/00 G08G1/00 (Advanced/Non-invention)			
CPC:	H04L67/12 B60K31/00 B60K31/18 B60Y2200/11 B60Y2200/12 B60Y2200/126 B60Y2200/13 B60Y2200/30 B60Y2200/40 B60Y2200/50 B60Y2200/90 G01C21/00 G06Q2240/00 G07C5/008 G08G1/00			
US class:	348/143 348/77 370/276 700/22 700/28 701/2 701/31.4 701/48 709/218			

[Classification Explorer](#)

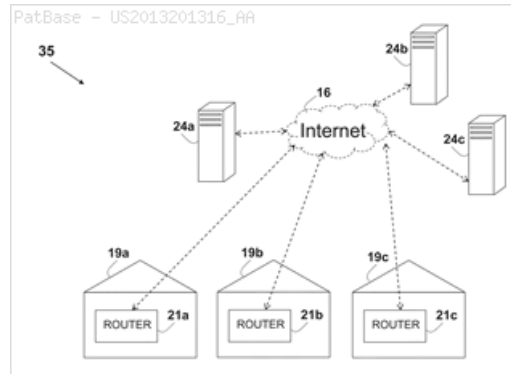
Cited documents: US2017272316 AA, US2016344745 AA, US2016062330 AA, US2015046582 AA, US2014215491 AA, US2013308581 AA, US2013139440 AA, US2013091279 AA, US2012079149 AA, US2011153149 AA, US2010211258 AA, US2010207754 AA, US2010071053 AA, US2010030421 AA, US2009224906 AA, US2009198380 AA, US2009138136 AA, US2009089065 AA, US2008307075 AA, US2008136670 AA, US2008129475 AA, US2008100428 AA, US2007283005 AA, US2007198144 AA, US2007176740 AA, US2007096565 AA, US2007021847 AA, US2006212194 AA, US2006111825 AA, US2005273505 AA, US2003105389 AA, US2003009271 AA,

Forward Citations: WO18039191, WO18013921, WO17185084, WO17142874, WO17106855, WO17058992, WO17019903, WO16176481, WO16155943, WO16074873, WO16058368, WO15198087, WO15160657, US9992623, US9985839, US9984350, US9984349, US9984348, US9979478, US9978035, US9974042, US9974041, US9973391, US9967800, US9967110, US9967030, US9964434, US9958948, US9954363, US9949228, US9946663, US9941570, US9936050, US9933804, US9930635, US9929851, US9924245, US9923621, US9918232, US9913240, US9912053, US9912034, US9906191, US9904902, US9901435, US9893975, US9890811, US9889868, US9887898, US9886316, US9883411, US9866748, US9866524, US9857868, US9856869, US9854556, US9852630, US9847291, US9843096, US9841210, US9833251, US9828011, US9826338, US9825671, US9823289, US9811080, US9803412, US9798681, US9798388, US9797725, US9787680, US9787400, US9779627, US9772919, US9769903, US9762547, US9759703, US9756116, US9753272, US9747236, US9742866, US9742483, US9740187, US9732977, US9725088, US9710038, US9701203, US9696740, US9694766, US9688374, US9680704, US9680324, US9674885, US9667727, US9661215, US9660790, US9652987, US9648009, US9646121, US9636981, US9634995, US9632554, US9629193, US9619105, US9608904, US9606522, US9600078, US9590975, US9590701, US9588191, US9584730, US9580139, US9577913, US9570643, US9553512, US9544534, US9543635, US9541921, US9533597, US9531704, US9531618, US9531067, US9522687, US9521449, US9520730, US9520250, US9517782, US9509436, US9509371, US9507417, US9504920, US9496620, US9494429, US9490533, US9451573, US9451434, US9446678, US9444510, US9436569, US9426223, US9420620, US9412254, US9407101, US9403545, US9397820, US9389295, US9373885, US9373245, US9368870, US9357339, US9350665, US9349365, US9325516, US9319257, US9316400, US9310891, US9306830, US9298266, US9293817, US9288102, US9287956, US9274575, US9264315, US9262064, US9246674, US9243440, US9241044, US9240625, US9231672, US9230064, US9229476, US9198265, US9191037, US9172605, US9148849, US9129155, US9111135, US9100339, US9098739, US9092665, US9088313, US9075114, US9071058, US9065523, US9063873, US9032071, US9000921, US8996060, US8988517, US8981731, US8971954, US8971210, US8934675, US8922353, US8880204, US8878496, US8855730, US8836601, US8830312, US8731977, US2018167822, US2018129129, US2018102942, US2018070323, US2018069617, US2018020060, US2017374069, US2017364458, US2017356870, US2017345282, US2017322821, US2017315519, US2017293311, US2017211916, US2017194807, US2017188434, US2017187231, US2017170926, US2017155447, US2017150378, US2017149806, US2017086479, US2017052059, US2017048243, US2017034316, US2017004228, US2016367150, US2016364967, US2016352532, US2016352204, US2016342800, US2016330793, US2016323356, US2016316739, US2016315472, US2016313684, US2016301573, US2016301474, US2016300341, US2016299862, US2016262242, US2016258639, US2016245279, US2016234765, US2016213189, US2016144695, US2016143192, US2016135206, US2016127635, US2016126031, US2016119713, US2016116900, US2016109864, US2016109322, US2016096608, US2016095150, US2016095013, US2016094028, US2016088438, US2016088211, US2016082903, US2016072556, US2016065536, US2016059853, US2016037131, US2016020910, US2016011617, US2016006272, US2016003491, US2016001656, US2015362537, US2015362207, US2015358660, US2015333817, US2015300671, US2015297121, US2015296048, US2015256391, US2015256355, US2015251556, US2015244806, US2015244410, US2015237123, US2015226587, US2015222820, US2015213268, US2015198941, US2015181680, US2015180774, US2015177035, US2015172426, US2015171650, US2015168976, US2015166085, US2015154556, US2015149123, US2015145417, US2015131639, US2015131479, US2015117148, US2015116813, US2015114010, US2015108284, US2015090000, US2015085132, US2015081313, US2015078463, US2015078215, US2015070007, US2015068243, US2015067819, US2015066516, US2015061525, US2015051788, US2015046646, US2015046061, US2015035722, US2015031461, US2015029960, US2015022725, US2015015476, US2015012757, US2014355499, US2014340243, US2014340240, US2014340093, US2014336850, US2014315494, US2014288912, US2014280865, US2014273865, US2014241533, US2014237092, US2014233661, US2014219443, US2014216837,

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Abstract:

A system and method in a building or vehicle for an actuator operation in response to a sensor according to a control logic, the system comprising a router or a gateway communicating with a device associated with the sensor and a device associated with the actuator over in-building or in-vehicle networks, and an external Internet-connected control server associated with the control logic implementing a PID closed linear control loop and communicating with the router over external network for controlling the in-building or in-vehicle phenomenon. The sensor may be a microphone or a camera, and the system may include voice or image processing as part of the control logic. A redundancy is used by using multiple sensors or actuators, or by using multiple data paths over the building or vehicle internal or external communication. The networks may be wired or wireless, and may be BAN, PAN, LAN, WAN, or home networks.



2) Family number: 63983731 (US2017120753A)

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Title:	INDEPENDENT STEERING, POWER TORQUE CONTROL AND TRANSFER IN AUTONOMOUS VEHICLES							
Priority:	US20150632958	20151104	US20150756991	20151104	US20150756995	20151104	US20150756992	20151104
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WO17079474 A3	20170608	WO2016US60384	20161103

Probable Assignee: AKAMAI TECHNOLOGIES INC
Assignee(s):(std): GAMARA RACHAD YOUSSEF ; KENTLEY KLAY TIMOTHY DAVID ; KENTLEY TIMOTHY DAVID ; ZOOX INC
Assignee(s): AKAMAI TECHNOLOGIES INC

Inventor(s):(std):	GAMARA RACHAD YOUSSEF ; KENTLEY KLAY TIMOTHY DAVID ; LEVINSON JESSE SOL ; LIND AMANDA BLAIR ; SIBLEY GABRIEL THURSTON ; SIBLEY GABE THURSTON ; REGE ASHUTOSH GAJANAN ; LINSKOTT GARY ; KENTLEY TIMOTHY DAVID ; DOUILLARD BERTRAND ROBERT ; BEHERE SAGAR ; KENTLEY KLAY TIMOTHY ; GAMARA RACHAD
Agent(s):	KORENBERG ALEXANDER TAL; LEE AND HAYES PLLC; DAVID A; YANEK A; LEE LEWIS C ET AL; DIVINE DAVID A ET AL
Designated states:	AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VJ VC VN ZA ZM ZW
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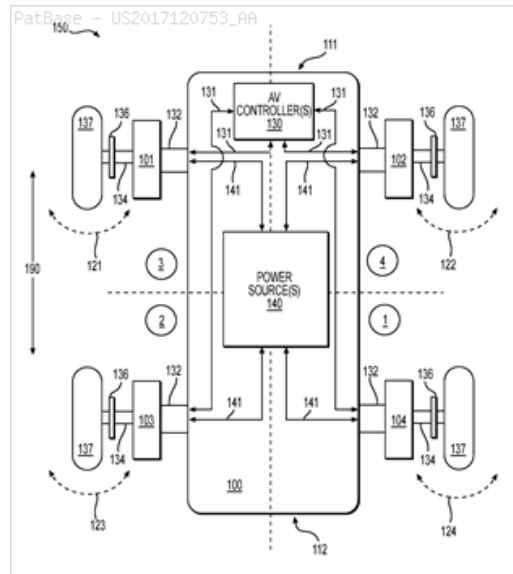
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Abstract:

Systems, apparatus and methods to multiple levels of redundancy in torque steering control and propulsion control of an autonomous vehicle include determining that a powertrain unit of the autonomous vehicle is non-operational and disabling propulsion operation of the non-operational powertrain unit and implementing torque steering operation in another powertrain unit while propelling the autonomous vehicle using other powertrain units that are configured to implement torque steering operation and propulsion operation.



3) Family number: 49514324 (US2011213664A)

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Assignee(s):(std): BIETRY JOSEPH ; BORDER JOHN N ; KING ROBERT W ; HADDICK JOHN D ; KING III ROBERT W ; CELLA CHARLES ; LOHSE ROBERT MICHAEL ; MILLER GREGORY D ; NORTRUP ROBERT J ; NORTRUP EDWARD H ; MICROSOFT CORP ; MICROSOFT TECHNOLOGY LICENSING LLC ; MICROSOFT TECH LICENSING LLC ; OSTERHOUT GROUP INC ; WILDER KELLIE A ; POLINKO NICHOLAS R ; OSTERHOUT RALPH F ; STOVALL ROSS W

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

International class (IPC 8-9): G01C21/00 G02B27/00 G02B27/01 G02B27/02 G02B27/14 G02B5/18 G02B5/23 G02B5/30 G02B6/00 G02B7/00 G02C11/00 G02C11/04 G02C7/00 G02F1/1335 G02F1/13357 G03B21/26 G03H1/00 G06F1/16 G06F13/00 G06F17/00 G06F17/30 G06F3/00 G06F3/01 G06F3/03 G06F3/033 G06F3/0346 G06F3/041 G06F3/048 G06F3/0488 G06K9/00 G06Q30/00 G06Q30/02 G06Q30/04 G06T15/00 G06T19/00 G09G5/00 G09G5/02 G09G5/10 G09G5/377 G10L19/00 H04N5/225 H04N5/232 H04N5/44 H04N5/64 H04N7/15

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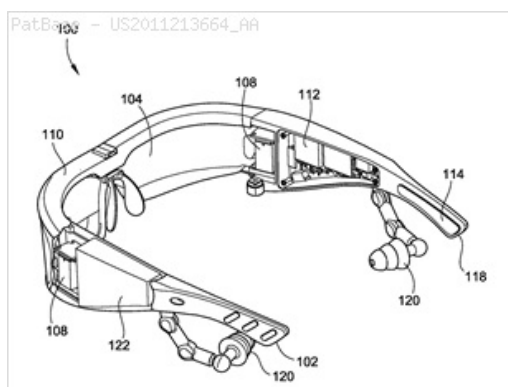
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Abstract:

This disclosure concerns an interactive head-mounted eyepiece including an optical assembly through which the user views a surrounding environment and displayed content. The displayed content includes a local advertisement, wherein the location of the eyepiece is determined by an integrated location sensor and wherein the local advertisement has a relevance to the location of the eyepiece. The head mounted eyepiece may also include an audio device and the displayed content may comprise local advertisements and audio.



4) Family number: 58801733 (US2015348060A)

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Title: CONTROL METHOD FOR DISPLAYING MERCHANDISING INFORMATION ON INFORMATION TERMINAL
Priority: US20130879855P 20130919 US20130443489 20131227 WO2013JP07665 20131227
Family:

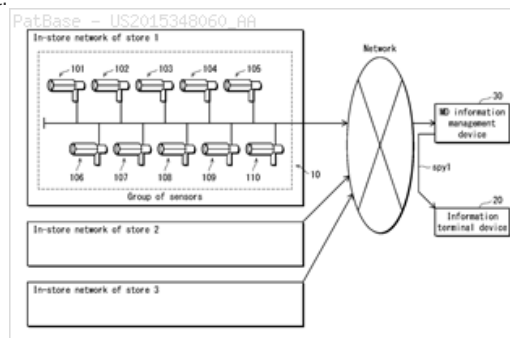
Publication number	Publication date	Application number	Application date
CN104885111 A	20150902	CN201380060389	20131227
JP2015040661 A1	20170302	JP20150537437T	20131227
JP6240203 B1	20171129	JP20150537437T	20131227
US2015348060 AA	20151203	US20130443489	20131227
WO15040661 A1	20150326	WO2013JP07665	20131227

Probable Assignee: PANASONIC IP CORP AMERICA
Assignee(s):(std): PANASONIC IP CORP AMERICA
Assignee(s): PANASONIC INTELLECTUAL PROPERTY OF AMERICA CORP
Inventor(s):(std): OGAWA KENTO ; TANIGAWA TORU
Agent(s): NAKAJIMA AND ASSOCIATES IP FIRM
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8-9): G06F3/0484 G06Q30/02 G06Q30/06 G06T11/60 G07G1/00 G07G1/12 (Advanced/Invention)
CPC: G06Q30/0201 G06F3/04842 G06Q30/02 G06K9/00335 G06K9/00771 G06K9/6253 G06T11/206 G06Q30/0254
US class: 705/7.29
JP class F-Term: 3E142 3E142/BA01 3E142/DA07 3E142/EA02 3E142/FA44 3E142/GA35 3E142/JA01 5B049 5L049 5L049/BB04 5L049/BB72
JP class F-Index: G06Q30/02/120 G06Q30/02/300 G06Q30/06/210 G07G1/00/331/B G07G1/12/341/A G07G1/12/341/Z
[Classification Explorer](#)
Cited documents: JP2012088878 A2, JP2012088878, JP2012022528 A2, JP2012022528, JP2011253344 A2, JP2011253344, JP2007122266 A2, JP2007122266, JP2006309280 A2, JP2006309280,
Forward Citations: US2017371498, US2016005052,

Abstract:

An MD management device manages action statistics associated with each of a plurality of shelving units. Action statistics for one shelving unit indicate actions that store visitors make near the shelving unit. An information terminal device acquires, from the MD management device merchandising information for each shelving unit. Merchandising information for one shelving unit includes a value of statistics for the shelving unit. The information terminal device displays a store screen including one or more shelving unit icons each representing one of one or more shelving units located in a store. Further, the information terminal

device displays a graphic item in the vicinity of each shelving unit icon. The graphic item is displayed in a display state that is in accordance with the value of statistics for the corresponding shelving unit.



5) Family number: 28195252 (US2002059424A)

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Title:	FLOW SCHEDULING FOR NETWORK APPLICATION APPARATUS					
Priority:	US20000235281P	20000925	US20010790434	20010221	US20010840945	20010424
	WO2001US29885	20010925	US20050749915P	20050213	US20050174181	20050701
	US20050173923	20050701	US20050749915P	20051213	US20050750664P	20051214
	US20060795886P	20060427	US20060795885P	20060427	US20060795708P	20060427
	US20060795712P	20060427	US20060795707P	20060427	EP20060846609	20061213
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	WO2006US62053	20061213	US20070877819	20071024	US20070877801	20071024
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	US20110216739	20110824	US20120416647	20120309	US20160995594	20160114
	US20160137492	20160425				

Family:

Publication number	Publication date	Application number	Application date
AU2001291227 AA	20020408	AU20010291227	20010925
AU200191227 A1	20020408	AU20010091227	20010925
AU200191227 A5	20020408	AU20010091227	20010925
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CN1518694 A	20040804	CN20018019421	20010925
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EP1960867 A2	20080827	EP20060846609	20061213
EP1960867 A4	20101013	EP20060846609	20061213
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IL192117 A0	20081229	IL20080192117	20080612
IL192117 A1	20130930	IL20060192117	20061213
IL219557 A0	20120628	IL20120219557	20120503
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WO0227469 A2	20020404	WO2001US29885	20010925
WO0227469 A3	20031106	WO2001US29885	20010925
WO07070838 A2	20070621	WO2006US62053	20061213
WO07070838 A3	20080703	WO2006US62053	20061213

Probable Assignee: SYMANTEC CORP

Assignee(s):(std): CHARLES CHING LEE ; CHUNSHENG FU ; CROSS BEAM SYSTEMS INC ; CROSSBEAM SYSTEMS INC ; FERGUSON JC ; KORSUNSKY YEVGENY ; JUSTUS STEPHEN ; JUSTUS STEPHEN D ; LEE CHARLES CHING ; FU CHUNSHENG ; GALLO PAUL S ; XU WEIDONG ; KAPOOR HARSH ; MARTIN TIMOTHY M ; FERGUSON JOHN C ; LEE CHARLES C ; PAUL S GALLO ; STEPHEN D JUSTUS ; HARSH KAPOOR ; TIMOTHY M MARTIN ; YEVGENY KORSUNSKY ; JC FERGUSON ; WEIDONG XU ; MOISEY AKERMAN ; AKERMAN MOISEY ; BLUE COAT SYSTEMS INC ; SYMANTEC CORP

Assignee(s): BLUE COAT SYSTEMS INC SUCCESSOR BY MERGER TO CROSSBEAM SYSTEMS INC AS ; BLUE COAT SYSTEMS INC SUNNYVALE ; CB SYSTEMS ACQUISITION CO ; CB SYSTEMS HOLDINGS II INC ; SILICON VALLEY BANK ; JEFFERIES FINANCE LLC COLLATERAL AGENT AS

Inventor(s):(std): AKERMAN M ; AKERMAN MOISEY ; CHING LEE CHARLES ; FERGUSON J ; FERGUSON J C ; FERGUSON JC ; FERGUSON JOHN C ; FU CHUNSHENG ; GALLO PAUL S ; JUSTUS M AKERMAN J FERGUSON S ; JUSTUS S ; JUSTUS STEPHEN ; JUSTUS STEPHEN D ; KAPOOR HARSH ; KORSUNSKY YEVGENY ; LEE CHARLES C ; LEE CHARLES CHING ; XU WEIDONG ; MARTIN TIMOTHY M

Inventor(s): MOISEY AKERMAN ; S JUSTUS ; STEPHEN JUSTUS ; YEVGENY KORSUNSKY ; WEIDONG XU ; TIMOTHY M MARTIN ; STEPHEN D JUSTUS ; PAUL S GALLO ; MARTIN TIMOTHY ; LEE CHARLES ; HARSH KAPOOR ; GALLO PAUL ; CHUNSHENG FU ; CHARLES CHING LEE ; M AKERMAN ; M AKERMAN J FERGUSON S JUSTUS ; J FERGUSON ; JC FERGUSON

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; SMART AND BIGGAR; NAISMITH ROBERT STEWART ET AL; NAISMITH ROBERT STEWART; REINHOLD COHN AND PARTNERS; GE EHRlich 1995 LTD; FOLEY HOAG LLP, PATENT GROUP WORLD TRADE CENTER WEST; FOLEY HOAG LLP PATENT GROUP WORLD TRADE CENTER WEST; STRATEGIC PATENTS PC; STRATEGIC PATENTS P C; KENNETH J; PARKER IBRAHIM AND BERG LLC; JAMES M; BAKER BOTTS LLP; MASCHOFF BRENNAN

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

International class (IPC 8-9): G06E1/00 G06F G06F11/00 G06F12/14 G06F13/00 G06F15/16 G06F15/167 G06F15/173 G06F15/177 G06F15/18 G06F17/00 G06F17/30 G06F21/00 G06F21/55 G06F7/04 G06F9/00 G06F9/32 G06F9/44 G06F9/46 G06F9/50 G06G7/00 G06N3/02 G06N3/04 G06N5/00 H04L12/24 H04L29/06 H04L29/08 (Advanced/Invention); G06F9/00 G06N3/08 H04L29/08 (Advanced/Non-invention); G06F11/00 G06F12/14 G06F15/18 G06F17/30 G06F21/00 G06F7/02 G06G7/00 G06N3/00 G06N5/00 H04L29/06 (Core/Invention); G06F H04L (Subclass/Invention)

International class (IPC 1-7): G06F13/00 G06F15/16 G06F15/173 G06F15/177 G06F9/00 G06F9/46 G06F9/50

CPC: H04L41/5009 H04L41/0213 H04L41/5003 H04L43/0852 G06F21/56 H04L63/1491 G06F17/30 H04L63/14 H04L63/20 G06N3/0472 G06F21/577 H04L63/0227 H04L63/1408 H04L63/1416 H04L63/145 H04L63/164 H04L63/166 G06F21/00 G06N3/0454 G06F9/5027 G06F9/5033 G06F9/5055 H04L29/06 H04L67/10 H04L67/306 H04L67/325 H04L67/327 H04L67/34 G06N3/088 H04L63/10 G06F9/505 H04L69/329 H04L43/026 H04L41/0866 H04L63/1441 G06F21/55 H04L63/1425 H04L63/1483 H04L2463/141 H04L63/1458

European class: G06F21/55 G06F21/56 G06F21/57C G06F9/50A6L G06N3/04P H04L12/24S1B H04L12/26M3C H04L29/06 H04L29/08N29U H04L29/08N31T H04L29/08N31Y H04L29/08N33 H04L29/08N9 H04L41/50A2 H04L43/08F H04L63/14 H04L63/14A H04L63/14A1 H04L63/14A2 H04L63/14D H04L63/14D1 H04L63/14D8 H04L63/20 T04L12/24A2 T04L12/24S1 T04L29/08A7 T04L41/02B T04L41/50A T04L463/141 T04L63/02B T04L63/16C T04L63/16D

US class: 1/1 1/1P 706/20 706/20P 706/45 707/6 707/784 707/784P 707/999.006 707/999.006S 707/E17.005 707/E17.005S 707/E17.014 707/E17.014S 709/102 709/201 709/201S 709/205 709/205P 709/213 709/213P 709/217 709/217P 709/223 709/223P 709/223S 709/224 709/226 709/226P 709/229 709/231 709/231P 709/231S 714/4 714/4.11 714/4.110P 717/171 718/102 718/102S 726/1 726/11 726/11P 726/1P 726/22 726/22P 726/23 726/23P

JP class F-Term: 5B089 5B089/JA11 5B089/KA06 5B089/KB04 5B089/KC18 5B089/KC23 5B089/MA03 5B098

JP class F-Index: G06F13/00/357/Z G06F9/46/465/A G06F9/50/150/A

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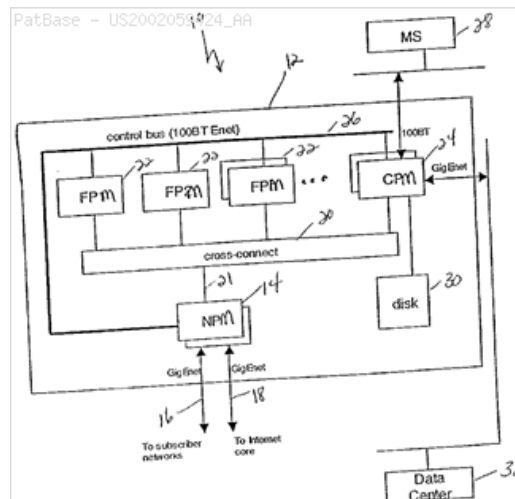
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Abstract:

A method and system for distributing flows between a multiple processors. The flows can be received from an external source such as a network, by a front-end processor that recognizes the flow and the associated request, and identifies at least one internal applications processor to process the request/flow. The front-end processor utilizes a flow scheduling vector related to the identified applications processor(s), and the flow scheduling vector can be based on intrinsic data from the applications processor(s) that can include CPU utilization, memory utilization, packet loss, and queue length or buffer occupation. In some embodiments, applications processors can be understood to belong to a group, wherein applications processors within a group can be configured identically. A flow schedule vector can be computed for the different applications processor groups. In some embodiments, a control processor can collect the intrinsic applications processor data, compute the flow scheduling vectors, and transfer the flow scheduling vectors to the front-end processor.



Title: SCORE BOOSTING STRATEGIES FOR CAPTURING DOMAIN-SPECIFIC BIASES IN ANOMALY DETECTION SYSTEMS

Priority: US20160312754P 20160324 US20160168833 20160531

Family:

Publication number	Publication date	Application number	Application date
US2017279848 AA	20170928	US20160168833	20160531

Probable Assignee: CISCO SYSTEMS INC

Assignee(s):(std): CISCO TECH INC

Assignee(s): CISCO TECHNOLOGY INC ; CISCO SYSTEMS INC

Inventor(s):(std): VASSEUR JEAN PHILIPPE ; MERMOUD GREGORY

International class (IPC 8-9): H04L12/911 H04L29/06 H04L29/08 H04W12/02 (Advanced/Invention)

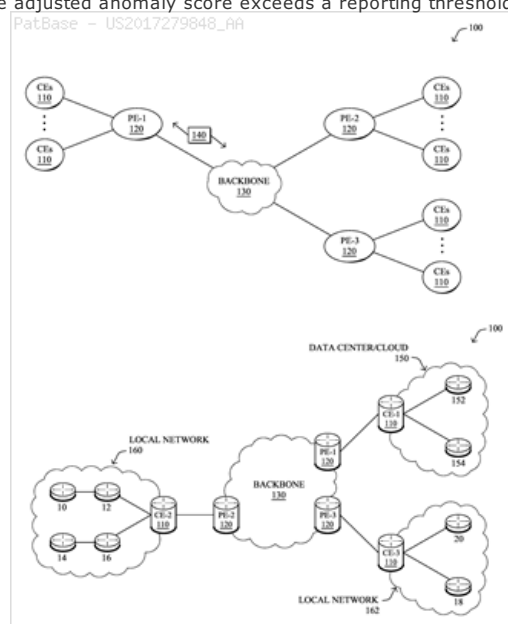
CPC: H04L63/1458 H04L63/1425 H04W12/02 H04L67/02 H04L69/16 H04L2463/142 H04L47/825

[Classification Explorer](#)

Cited documents: US2016028750 AA, US2015304349 AA, US2007079379 AA,

Abstract:

In one embodiment, a device in a network detects an anomaly in the network using an anomaly detector. The anomaly corresponds to an anomalous behavior exhibited by one or more nodes in the network. The device computes an anomaly score for the anomaly that represents a measure of the anomalous behavior. The device adjusts the anomaly score using a boost score. The boost score is generated by a boosting function that accounts for domain-specific biases of the anomaly detector. The device reports the anomaly to a supervisory device based on whether the adjusted anomaly score exceeds a reporting threshold.



Title: SECURITY DEVICE COMPRISING A PLURALITY OF INTERFACES

Priority: GB20060004559 20060307 WO2007GB00795 20070307 US20080281962 20080905
US20120648202 20121009 US20130751546P 20130111 US20140154096 20140113
WO2014US11342 20140113

Family:

Publication number	Publication date	Application number	Application date
AU2007222275 AA	20070913	AU20070222275	20070307
AU2007222275 BB	20101216	AU20070222275	20070307
AU2014205109 AA	20140717	AU20140205109	20140113
CN101438332 A	20090520	CN200780016445	20070307
CN101438332 B	20110615	CN200780016445	20070307
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EP2943873 A4	20160106	EP20140737555	20140113
GB200604559 A0	20060419	GB20060004559	20060307
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GB201512896 A0	20150902	GB20150012896	20140113
GB2435979 A1	20070912	GB20060004559	20060307
GB2439409 A1	20071227	GB20070007744	20070307
GB2439409 B2	20081210	GB20070007744	20070307
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SG11201505423W A1	20150828	SG20151105423	20140113
US2009072988 AA	20090319	US20070281962	20070307
US2013109341 AA	20130502	US20120648202	20121009
US2014125754 AA	20140508	US20140154096	20140113
US8294574 BB	20121023	US20070281962	20070307
US8653969 BB	20140218	US20120648202	20121009
WO07102001 A1	20070913	WO2007GB00795	20070307

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Inventor(s): HELEN THERESA HAYWOOD

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; SPRUSON AND FERGUSON; BISHOP IAN KEITH; DENDORFER CLAUS; WORKMAN NYDEGGER,1000 EAGLE GATE TOWER; SHEPPARD MULLIN RICHTER AND HAMPTON LLP; AHMANN WILLIAM F ET AL

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

International class (IPC 8-9): G06F3/14 G08B13/196 G08B15/00 G08B21/00 G08B25/08 G10L15/26 H04M1/00 H04M1/02 H04M11/02 H04N7/18 H04W4/22 H04W4/90 (Advanced/Invention); G10L15/26 (Advanced/Non-invention); G08B15/00 G08B21/00 G08B25/08 G10L15/00 H04M1/02 H04M11/02 H04N7/18 (Core/Invention); G10L15/00 (Core/Non-invention)

CPC: G08B13/19658 G08B25/016 H04M11/025 G08B25/08 H04L63/20 G10L15/26 H04L41/0604 H04L41/0627 G08B13/19656 G08B13/19684 G08B13/19695 G08B25/008 G10L15/265 H04N7/186 G06F3/14 H04N7/188 H04W4/90

European class: G08B13/196N2 G08B25/01D G08B25/08 G10L15/26A H04M11/02B H04N7/18D3 T04L41/06A T04L41/06A5

US class: 340/540 340/540S 340/686.6 340/686.600P 348/14.02 348/143 379/159 455/404.1

[Classification Explorer](#)

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Forward Citations: WO18052765, WO17120541, USD833267, USD824791, USD820136, USD817208, USD817207, USD813701, USD813700, USD787359, USD766121, USD765530, USD764958, USD762762, USD748180, USD748179, USD748178, USD747756, USD747755, USD747385, USD747384, USD746166, USD746165, USD743954, USD729678, US9997036, US9982472, US9978238, US9960929, US9959727, US9953514, US9930300, US9930299, US9907377, US9888216, US9881474, US9799183, US9786133, US9769435, US9743049, US9736284, US9734694, US9711036, US9652912, US9640055, US9640000, US9626841, US9619985, US9609932, US9600645, US9508239, US9473636, US9342936, US9253455, US9247219, US9237318, US9230424, US9197867, US9196133, US9196103, US9179109, US9179108, US9179107, US9172922, US9172921, US9172920, US9160987, US9118819, US9113052, US9113051, US9094584, US9065987, US9060104, US9060103, US9058738, US9055202, US9049352, US8964037, US8855716, US2016156780, US2016133104, US2015136552, US2015116108, US2015097669, US2015035987, US2014157032, US2014152831, US2014125754, US2013208914, US2013160061, US2013057695, US2013057694, US10115287, US10089809, US10044519, US10043332, RU175533, NL2013946, GB2539741, GB2443474, EP2741265, EP2667602, EP2608511, EP2541933, EP2541933, EP2456186, DE102012010018, DE102011089225, CN105264483, CN103856739,

Abstract:
 A security device comprising interfacing means incorporating a speaker (50) and a microphone (49) for interfacing with a person; a mobile network transmitter; an internet communication means; a controller which automatically responds to interaction with said interfacing means and firstly employs said mobile network transmitter to dial one or more predetermined phone numbers through a mobile network for directly establishing a two way communication across the mobile network; wherein said controller secondly employs said internet communication means for transmission through the internet of data captured by said interfacing means.

