

Diego Gonzalez

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Title: HIGH DENSITY, LOW JITTER, **SYNCHRONOUS** USB EXPANSION

Abstract: Source: US2012059964A A method of providing high density expansion of a USB network, the method comprising: attaching a plurality of USB hubs to adjacent slots in a PXI instrumentation chassis; configuring one of the USB hubs as a primary USB Hub; connecting an upstream port of the primary USB Hub to a USB network; configuring a first downstream port of the primary USB Hub to communicate across a first PXI Local Bus to a first adjacent USB Hub of the USB Hubs other than the primary USB Hub, the first adjacent USB Hub being adjacent to the primary USB Hub; configuring a plurality of other downstream ports of the primary USB Hub to provide expansion of the primary USB Hub; connecting an upstream port of the first adjacent USB Hub to the first PXI Local Bus, wherein the first PXI Local Bus is in the direction of the primary USB Hub; configuring a first downstream port of the first adjacent USB Hub to communicate across a second PXI Local Bus to a second adjacent USB Hub of the USB Hubs other than the primary USB Hub, the second adjacent USB Hub being adjacent to the first adjacent USB Hub; configuring a plurality of other downstream ports of the first adjacent USB Hub to provide expansion of the first adjacent USB Hub; and configuring any other of the USB hubs and the first adjacent USB Hub in like manner.

Classifications:

International (IPC 8-9): C06F1/12 G06F1/00 G06F1/04 G06F1/08 G06F1/10 G06F1/12 G06F11/30 G06F13/10 G06F13/14 G06F13/38 G06F13/40 G06F13/42 G06F17/40 G06F3/00 H04B10/12 H04L12/26 H04L7/00 H04L7/04 H04L7/08 (Advanced/Invention); H04L7/04 H04L7/08 (Advanced/Non-invention)

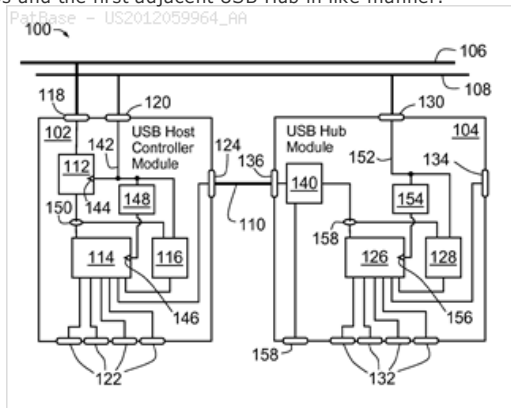
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G06F11/3027 G06F13/423 G06F1/08

European: G06F1/12 G06F13/40D2 S06F213/0042 T04L7/04

US: 375/354 710/300 710/300P 710/305 710/305P 710/313 710/315 710/60 710/60P 710/61 710/61P 713/400 713/400P 713/500 713/501 713/501P 713/502 713/503



Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: CHRONOLOGIC PTY LTD

Assignee(s): (std): CHRONOLOGIC PTY LTD ; FOSTER PETER GRAHAM ; KOUZNETSOV ALEX

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

Title: RANDOM MEDIUM ACCESS METHODS WITH BACKOFF ADAPTATION TO TRAFFIC

Abstract: Source: US2002154653A Using low PF values in conjunction with traffic-adapted contention windows leads to substantial decreases in **delay** and jitter. In general, adaptation to traffic reduces contention or **delay**: opening up the contention window in congestion and closing it on relief. Residual backoff adaptation provides for the reduction of the already decremented backoff values of stations that interrupted the backoff countdown process due to a transmission. It is good to adapt both the contention window and the residual backoff in order to avoid jitter. Otherwise, if the contention window is reduced but residual backoffs stay unchanged, new arrivals will enjoy shorter backoff **delays** than older ones, resulting in greater jitter. Adjusting both preserves the relative ordering of backoff counter values, which implies also some form of age ordering. Different adjustments can be applied to different priority traffic.

Classifications:

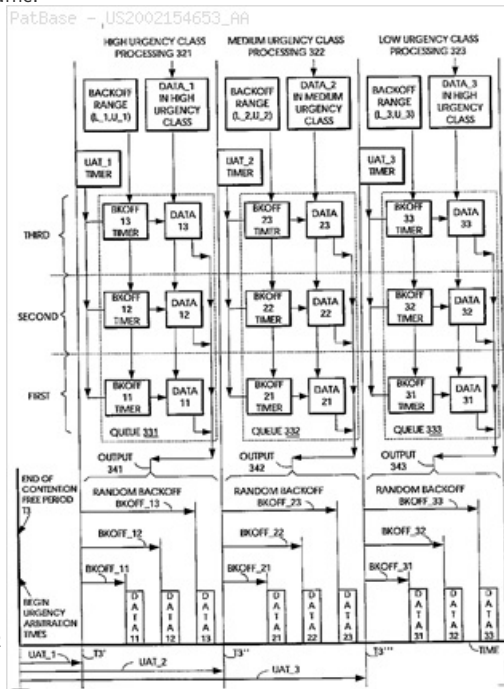
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International (IPC 1-7): G06F15/16 H04B7/005 H04B7/185 H04B7/212 H04J3/00 H04J3/06 H04L12/00 H04L12/28 H04L12/413 H04L12/43 H04L12/56 H04L29/06 H04Q7/00 H04Q7/20 H04Q7/24

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European: H04L12/40M H04L12/40P1 H04L12/413 H04L47/10 H04L47/14 H04L47/24B H04L47/24C H04L47/24C1 H04L47/28A H04L47/32 H04W11/04 H04W11/06 H04W11/08 H04W216/14 H04W272/12 H04W274/02 H04W274/04 H04W274/08 H04W274/08C2 H04W36/06 H04W36/10 H04W36/12 H04W36/14 H04W36/14C2 H04W7/18 H04W72/12B5B H04W72/12B6 H04W74/02 H04W74/04 H04W74/08B2 H04W74/08D2B H04W8/08 T04L12/413 T04W12/04 T04W16/14 T04W216/14 T04W228/08 T04W256/00 T04W274/08 T04W274/08C T04W28/00 T04W28/04 T04W284/12 T04W284/18 T04W36/14 T04W36/14C T04W50/065 T04W50/08 T04W56/00 T04W72/02 T04W72/04H4 T04W72/08B T04W72/12 T04W72/12B10 T04W72/12B5 T04W72/12B6 T04W74/02 T04W74/06 T04W74/08 T04W74/08B T04W74/08B2 T04W74/08D2 T04W74/08D2B T04W74/08F2 T04W8/08 T04W84/12 T04W84/18

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Probable Assignee: AT AND T IP II LP

Assignee(s): (std): AT AND T CORP ; AT AND T INTELLECTUAL PROPERTY I ; AT and T INTELLECTUAL PROPERTY II L P ; AT AND T INTELLECTUAL PROPERTY II L P VIA A TRANSFER FROM AT AND T CORP ; AT AND T INTELLECTUAL PROPERTY II LP ; AT AND T INTELLECTUAL PROPERTY IL L P ; AT AND T IP II LP ; BENVENISTE MATHILDE ; HEADWATES TECHNOLOGY INNOVATION LLC

Assignee(s): AT AND T PROPERTIES LLC ; BELL TELEPHONE LABORATORIES INC ; AMERICAN TELEPHONE AND TELEGRAPH CO ; T CORP ; AT AND T INTELLECTUAL PROPERTY IL LP ; AT AND T INTELLECTUAL PROPERTY II LP VIA A TRANSFER FROM AT AND T CORP

Inventor(s): (std): BENVENISTE MATHILDE ; CORP AT AMP T ; MATHILDE BENVENISTE ; ZHOU BING ; CHENG ZHANG

Agent(s): SUCKLING ANDREW MICHAEL; AT AND T CORP; MR S H DWORETSKY AT AND T CORP

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

Title: VOICE GATEWAY WITH DOWNSTREAM VOICE **SYNCHRONIZATION**

Abstract: Source: US2001033583A A network gateway is configured to facilitate on line and off line bi-directional communication between a number of near end data and telephony devices with far end data termination devices via a hybrid fiber coaxial network and a cable modem termination system. The described network gateway combines a QAM receiver, a transmitter, a DOCSIS MAC, a CPU, a voice and audio processor, a voice **synchronizer**, an Ethernet MAC, and a USB controller to provide high performance and robust operation. It is emphasized that this abstract is provided to comply with the rules requiring an abstract which will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or the meaning of the claims.

Classifications:

International (IPC 8-9): E05C1/00 G01R31/08 G06F11/00 G10L11/02 G10L11/04 G10L11/06 G10L19/14 G10L21/02 H04B1/44 H04B3/04 H04B3/20 H04B3/23 H04B3/30 H04B7/216 H04J1/02 H04J1/16 H04J3/00 H04J3/06 H04J3/10 H04J3/12 H04J3/14 H04J3/16 H04J3/22 H04L1/00 H04L12/26 H04L12/28 H04L12/54 H04L12/56 H04L12/58 H04L12/64 H04L12/66 H04L27/06 H04L27/08 H04L29/06 H04L29/08 H04L5/14 H04L7/00 H04L7/04 H04M1/24 H04M1/253 H04M11/00 H04M3/00 H04M3/22 H04M7/00 H04M7/12 H04M9/08 H04N21/2383 H04N21/438 H04N7/10 H04N7/173 H04N7/24 H04N7/52 H04Q1/45 (Advanced/Invention); E05C1/00 G10L21/02 H04L1/00 H04L12/28 H04L29/08 H04Q1/45 (Advanced/Non-invention); G10L11/00 H04B3/23 H04J3/06 H04L12/28 H04L12/54 H04L29/06 H04M11/00 H04M7/00 (Core/Invention); E05C1/00 G10L21/00 H04L29/08 (Core/Non-invention)

International (IPC 1-7): H04B1/707 H04B3/20 H04B3/23 H04J1/02

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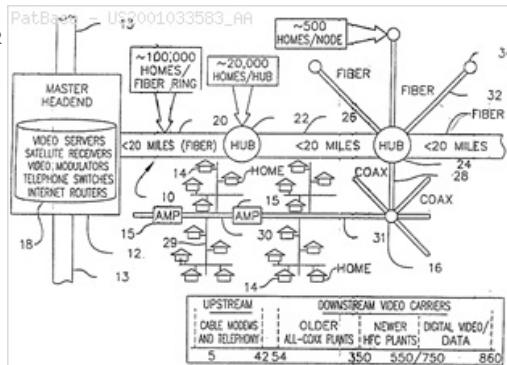
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Family:

Publication number	Publication date	Application number	Application date
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Priority:

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US20140481349	20140909				

Probable Assignee: AVAGO TECHNOLOGIES GENERAL IP SINGAPORE PTE LTD

Assignee(s): (std): HARTMAN DAVID ; LUKAS ROBERT M ; LANSING SHANE P ; LEE ROBERT J ; BROOKS TODD L ; MILLER KEVIN L ; LI HENRY ; ENNS DAVID M ; NICOL JORDAN J ; KWAN KENNY C ; MITCHELL ROSS ; LEBLANC ; LEBLANC WILF ; LEBLANC WILFRID ; GRIFFITHS CHAD ; MITCHELL ROSE ; LEBLANC WILFRED ; HENRY LI ; NICOL JORDAN JAMES ; THI JAMES C H ; THI JAMES C ; RABENKO THEODORE F ; UNGER KENNETH J ; UNGER KEN ; PAYTON JOHN ; STEVENSON SHAWN ; TACKIN ONUR ; BOORA BILL ; BORAZJANI RAMIN ; BRANDEN SCOTT ; BROADCOM CORP ; BROADCOM CORPROATION

Assignee(s): BROADCOM IRVINE CORP ; AVAGO TECHNOLOGIES GENERAL IP SINGAPORE PTE LTD ; BANK OF AMERICA NA COLLATERAL AGENT AS ; BROADCOM CORP IRVINE ; UNIV ; OF CALIFORNIA UNIV

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Inventor(s): KENNETH J ; WILF LEBLANC ; BRANDEN SCOTT ; MITCHELL ROSE ; LEE WING YEE WINNIE ; LEBLANC WILFRED ; LEBLANC WIFRID ; BROOKS TODD LEE ; LEBLANC WIFRED ; TACKIN ONUR ; UNGER KEN UNGER KEN RICHMOND ; TACKIN ONUR RICHMOND ; THI JAMES C H IRVINE ; THI JAMES CH ; STEVENSON SHAWN RICHMOND ; RABENKO THEODORE F DULUTH ; NICOL JORDAN J RICHMOND ; PAYTON JOHN RICHMOND ; MITCHELL ROSS RICHMOND ; NICOL JORDAN ; LI HENRY RICHMOND ; LEBLANC WILF RICHMOND ; KWAN KENNY C RICHMOND ; LEBLANC RICHMOND ; LEBLANC WIFRID V6E 1J9 VANCOUVER ; KWAN KENNY ; HARTMAN DAVID IRVINE ; ENNS DAVID M RICHMOND ; ENNS DAVID ; BOORA BILL RICHMOND ; BOORA BILL RICHMOND V6V 2Z8

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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 CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: INTERNET-BASED SYSTEM AND METHOD FOR FAIRLY AND SECURELY ENABLING **TIMED**-CONSTRAINED COMPETITION USING GLOBALLY **TIME**-SYNCHRONIZED CLIENT SUBSYSTEMS AND INFORMATION SERVERS HAVING MICROSECOND CLIENT-EVENT RESOLUTION

Abstract: Source: US2002026321A An improved system and method of fairly and securely enabling **timed**-constrained competitions over the Internet among millions of competitors while compensating for the variable network communication **latencies** experienced by client machines used by the competitors. The system employs globally **time-synchronized** Internet information servers and client machines in order to **synchronize** the initial display of each invitation to respond (e.g. stock price to buy or sell, query to answer, or problem to solve) on a client machine so each competitor can respond to the invitation at substantially the same **time**, regardless of his or her location on the planet, or the type of Internet-connection used by his or her client machine. Also, by using globally **time-synchronized** client machines, each competitor's response is securely **time** and space stamped at the client machine to ensure that competitor responses are resolved within microsecond accuracy.

Classifications:

International (IPC 8-9): A63F13/12 G06F13/00 G06F15/16 G06F15/173 G06Q30/00 G06Q30/06 G06Q50/18 H04L29/06 H04L29/08 H04L9/32 H04N5/225 H04N7/173 H04N7/18 (Advanced/Invention);

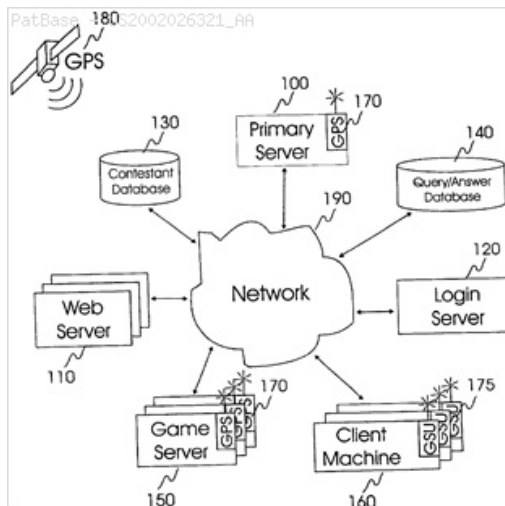
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International (IPC 1-7): G01C21/26 G01S5/02 G06F1/00 G06F1/12 G06F13/00 G06F15/16 G06F15/177 G06F17/00 G06F17/60 G06F7/00 G08B23/00 H04B7/185 H04L7/00 H04L9/32 H04N5/225 H04N7/173 H04N7/18

CPC: H04L65/80 H04L67/34 H04L67/02 H04L67/325 H04L67/38 H04L69/28 H04L67/06 H04L67/18 H04L67/42 H04L69/329 H04L67/16 H04L67/12 G06Q30/06 H04L29/06027 H04W4/02 H04W4/028 H04W4/185 A63F13/12 A63F2300/401 A63F2300/407 A63F2300/50 A63F2300/513 A63F2300/532 A63F2300/534 A63F2300/552 A63F2300/5546 A63F2300/5573 A63F2300/575 G06Q50/18 H04L63/0823 H04L63/12 A63F13/358 A63F13/216 A63F13/335 A63F13/352 A63F13/79 H04L63/0442

European: A63F13/12 G06F17/60B G06Q30/06 G06Q50/18 H04L29/06C2 H04L29/06C4 H04L29/06C6B H04L29/06C6G H04L29/06C8 H04L29/06M H04L29/06T H04L29/08A7 H04L29/08N11 H04L29/08N15 H04L29/08N17 H04L29/08N31T H04L29/08N33 H04L29/08N5 H04L63/04B2 H04L63/08C H04L63/12 H04W4/02 H04W4/02P6 H04W4/18E K63F300/40C K63F300/40N K63F300/50 K63F300/51H K63F300/53C K63F300/53L K63F300/55C K63F300/55P K63F300/55P4 K63F300/57T T04L29/06C6D4 T04L29/06C6D4A T04L29/06M T04L29/06T T04L29/08N1

US: 340/573.1 342/357 342/357.06 342/357.1 342/357.12 342/357.4 342/357.400P 342/357.52 342/357.520S 463/1 463/29 701/214 701/472 705/1 705/1.1 705/1.100P 705/311 705/311S 709/203 709/224 709/224P



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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WO2000US05093	20000228				

Probable Assignee: REVEO INC

Assignee(s): (std): FARIS SADEG M ; FLANNERY JAMES P ; HAMLIN GREGORY ; HAMLIN GREGORY J ; REVEO INC

Inventor(s): (std): HAMLIN GREGORY ; HAMLIN GREGORY J ; FARIS SADEG M ; FLANNERY JAMES P

Inventor(s): GREGORY J HAMLIN ; JAMES P FLANNERY ; SADEG M FARIS

Agent(s): RIDOUT AND MAYBEE LLP; REVEO INC; PERKOWSKI THOMAS J; THOMAS J

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

Title: PHASOR TRANSDUCER APPARATUS AND SYSTEM FOR PROTECTION, CONTROL, AND MANAGEMENT OF ELECTRICITY DISTRIBUTION SYSTEMS

Abstract: Source: US2003101008A A phasor monitoring system and apparatus for use with a distribution system for electricity wherein periodic three phase electricity is distributed in a plurality of circuits. The phasor monitoring apparatus comprises a phasor transducer that has an input that receives analog signals representative of parameters of electricity in a circuit of the distribution system, an analog to digital converter that receives the analog signals and outputs a digital data signal representative of the analog signals, a processor coupled to the analog to digital converter to receive the digital data signal output from the analog to digital converter, programming on the processor that computes phasor data representative of the electricity in the circuit based on the digital data received from the analog to digital converter and provides a digital output representative of the phasor data, and a network-compatible port coupled to the processor to transmit the phasor data onto a data network coupled thereto. The phasor monitoring system comprises a data network interconnecting a plurality of phasor transducers each associated with one of the circuits of an electricity distribution system. A phasor array processor is connected to the data network and receives phasor data from a plurality of the phasor transducers connected to the network. The phasor array processor computes combined phasor data for the plurality based upon the phasor data received from the plurality of phasor transducers.

Classifications:

International (IPC 8-9): G01D4/00 G01R1/00 G01R11/00 G01R15/00

G01R15/18 G01R19/25 G01R21/00 G01R21/06 G01R21/133

G01R22/00 G01R22/06 G01R22/10 G01R31/08 G05B11/01

G05B19/418 G05D11/00 G05D17/00 G05D3/12 G05D9/00 G05F1/00

G06F1/26 G06F1/32 G06F11/00 G06F11/30 G06F12/14 G06F13/12

G06F17/00 G06F17/30 G06F17/40 G06F19/00 G06F21/00 G06F21/20

G06F3/00 G06F7/04 G06F9/44 G06Q20/00 G06Q50/00 G06Q50/06

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H02J13/00 H04B1/38 H04B7/14 H04K1/00 H04L1/00 H04L1/08

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H04N7/16 H04Q7/00 H04Q7/24 H04Q9/00 H04W24/00 H04W28/04

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G01D (Subclass/Invention)

International (IPC 1-7): G01D4/00 G01M19/00 G01R1/00 G01R15/00 G01R21/00 G01R21/06 G01R21/133 G01R22/00

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Y04S10/18 G01R22/063 Y02P80/11 G01D4/004 G01R22/10 H02H1/0061 H02J3/00 Y02B90/242 Y02E60/728 Y04S10/265

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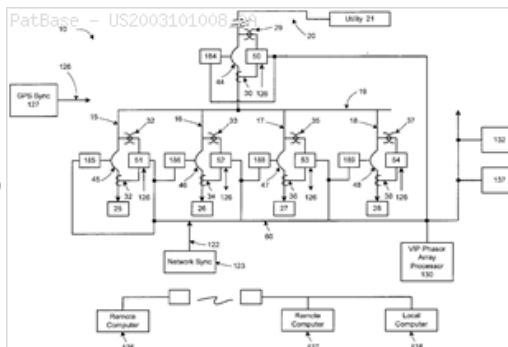
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726/4S 726/6 726/6P

Family:

Publication number	Publication date	Application number	Application date
AT488774 E	20101215	AT20060005666T	20060320
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AU2003303583 AH	20040729	AU20030303583	20031212
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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: Multi-dimensional beamforming device

Abstract: Source: US2002012289A A multidimensional beamforming device that performs consecutive one-dimensional operations. For example, beamsteering for a two-dimensional array can include a projection of a beam onto each of the respective axes of the array. In such a device, a first beamforming processing element is used to form multiple beams for each array output along a given row. In a preferred embodiment, sequential output vectors from the first processing element are then applied to a transposing or corner turning memory and the data are reformatted such that all elements on a given column of the array are applied to a second beam forming processing element.

Classifications:

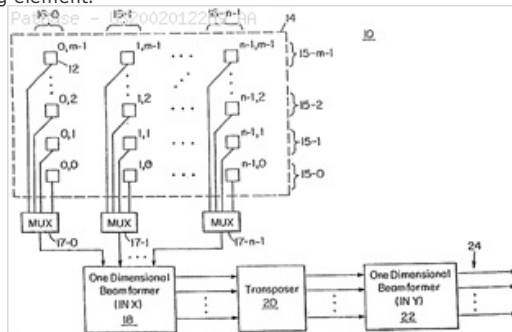
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US20160995175 20160113	US20160225211 20160801	

Probable Assignee: TERATECH CORP

Assignee(s): (std): CHANG PETER ; CHANG PETER P ; TERA TECH CORP ; CHIANG ALICE M ; LITCHFIELD MICHAEL P ; KISCHELL ERIC R ; LAFOREST MARK ; HE XINGBAI ; GILBERT JEFFREY ; GILBERT JEFFREY M ; MADISON GARY ; HORST ALBERT ; TERATECH A LEGAL BODY ORGANISED AND EX CORP ; CHIANG ALICE ; TERATECH CORP ; WONG WILLIAM ; TERATECH CORP A LEGAL BODY ORG ; WANG LIANG MIN ; BERGER NOAH ; BROADSTONE STEVEN R ; BRODSKY MICHAEL ; WONG WILLIAM M

Assignee(s): TERATECH A LEGAL BODY ORGANISED AND EXISTING UNDER LAWS OF STATE OF DELAWARE OF CORP ; CHANG ALICE M ; TOYODA GOSEI CO LTD ; TERATECH CORP BURLINGTON ; TERATECH CORPUS

Inventor(s): (std): SCHEFFLER LOIS A ; WONG WILLIAM ; XINGBAI HE ; WONG WILLIAM M ; WILLIAM WONG ; STEVENR BROADSTONE ; STEVEN R BROADSTONE ; PETER CHANG ; NOAH BERGER ; MICHAEL BRODSKY ; MARK LAFOREST ; JEFFREYM GILBERT ; JEFFREY M GILBERT ; JEFFREY GILBERT ; HORST ALBERT AND ; ALICEM CHIANG ; ALICE M CHIANG ; WANG LIANG MIN ; MADISON GARY ; LITCHFIELD MICHAEL P ; HORST ALBERT ; GILBERT JEFFREY M ; CHIANG ALICE M ; CHIANG ALICE ; CHANG ALICE M ; BRODSKY MICHAEL ; BROADSTONE STEVEN R ; BROADSTONE STEVEN ; BERGER NOAH ; CHANG PETER ; CHANG PETER P ; GILBERT JEFFREY ; HART PAULA J ; HE XINGBAI ; KISCHELL ERIC R ; LAFOREST MARK

Inventor(s): LIANG MIN WANG ; GARY MADISON ; ALBERT HORST

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; OGILVY RENAULT LLP SENCRL SRL; OGILVY RENAULT; RYUKA IP LAW FIRM; THOMAS O HOOVER ESQ BOWDITCH AND DEWEY LLP; WEINGARTEN SCHURGIN GAGNEBIN AND LEOVICI LLP; BOWDITCH AND DEWEY LLP; MCCARTER AND ENGLISH LLP

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

Title: NETWORKED MEDIA STATION

Abstract: Source: US2005273790A Disclosed herein is a networked media station providing a variety of features including a wireless network interface, a wired network interface, a peripheral interface, and a multimedia interface. The wireless network interface(s) allows the device to communicate to serve as a wireless base station or repeater and/or a bridge between a wireless and a wired network. The peripheral interface allows the device to communicate with a variety of peripherals, and, in conjunction with the network interface(s), allows sharing of a peripheral among multiple networked computers. The multimedia interface allows the device to be used with entertainment devices for streaming of multimedia information from a network connected computer to the entertainment device. Control of various aspects of the device is preferably controlled from a network connected computer.

Classifications:

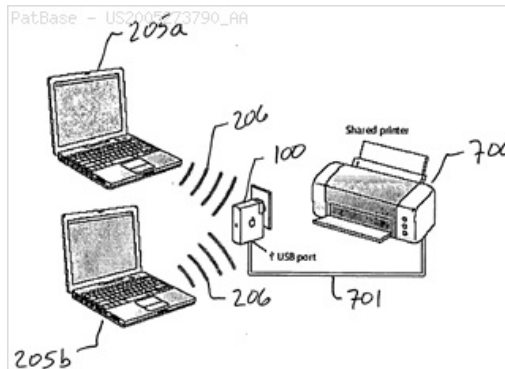
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International (IPC 1-7): G06F9/44 H04L12/28 H04L29/06

CPC: H04L67/1002 H04L67/16 H04L67/1095 H04W8/005 H04W12/06 H04L67/06 H04L12/66 H04L49/604 H04L65/4092 H04L65/605 H04W84/105 H04W88/04 H04L65/4084 H04L65/1069 G06F3/0484 G06F3/048 H04L12/18 H04L29/06027 H04L65/601

European: H04L12/66 H04L29/06C2 H04L29/06M4S6 H04L29/06M6C H04L29/06M6C6 H04L29/08N15 H04L29/08N5 H04L29/08N9A H04L49/60C T04L12/18

US: 1/1 370/254 370/259 370/260 370/270 370/276 370/278 370/282 370/373 370/395.51 370/395.510P 370/503 709/203 709/203P 709/218 709/220 709/248 715/203 715/203P 715/500.1 715/716 719/328 719/328P

**Family:**

Publication number	Publication date	Application number	Application date
AU2005253518 AA	20051222	AU20050253518	20050407
AU2005253518 BB	20090122	AU20050253518	20050407
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Priority:

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Probable Assignee: APPLE INC

Assignee(s): (std): BRADLEY BOB ; CELGENE CORP ; KEARNEY PHILIP F III ; NEWBERRY ROBERT D JR ; ROBBIN JEFFREY L ; HELLER DAVID ; WYSOCKI CHRISTOPHER R ; DAVIS STEPHEN A ; APPLE COMPUTER ; APPLE INC ; NEWBERRY ROBERT DALE JR ; DAVIS STEPHEN ANDERSON ; NEWBERRY ROBERT DALE ; NEWBERRY JR ROBERT DALE ; KEARNEY III PHILIP F

Assignee(s): APPLE INC CUPERTINO ; APPLE COMPUTER INC ; KEARNEY PHILIP F

Inventor(s): (std): KEARNEY III PHILIP F ; NEWBERRY JR ROBERT DALE ; PHILIP F KEARNEY III ; ROBERT DALE NEWBERRY JR ; WYSPCLO CHRISTOPHER R ; ZELDIS JEROME B ; WYSOCKI CHRISTOPHER R ; ROBBIN JEFFREY L ; NEWBERRY ROBERT DALE JR ; NEWBERRY ROBERT DALE ; NEWBERRY ROBERT D JR ; KEARNEY PHILIP F III ; BRADLEY BOB ; HELLER DAVID ; DAVIS STEPHEN ANDERSON ; DAVIS STEPHEN A

Inventor(s): DAVIS STEPHEN ; DAVID HELLER ; CHRISTOPHER R WYSOCKI ; DAVIS STEPHEN ANDERSON LOS GATOS ; BRADLEY BOB FOSTER CITY ; JEROME B ZELDIS ; KEARNEY PHILIP F ; KEARNEY PHILIP ; JEFFREY L ROBBIN ; HELLER DAVID SAN JOSE ; KEARNEY PHILIP F III ; KEARNEY PHILIP F III SAN JOSE ; ROBBIN JEFFREY ; PHILIP F III KEARNEY ; NEWBERRY ROBERT DJR ; NEWBERRY ROBERT DALE JR SAN JOSE ; WYSOCKI CHRISTOPHER ; STEPHEN ANDERSON DAVIS ; ROBERT DALE JR NEWBERRY ; ROBBIN JEFFREY L LOS ALTOS ; WYSOCKI CHRISTOPHER R LOS GATOS ; NEWBERRY ROBERT ; NEWBERRY ROBERT DALE SAN JOSE

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FPA PATENT ATTORNEYS PTY LTD; RICHES MCKENZIE AND HERBERT LLP; BARDEHLE PAGENBERG PARTNERSCHAFT MBB PATENTANWAELTE RECHTSANWAELTE; SCHMALZ GUENTHER; WOMBWELL FRANCIS; BARNFATHER KARL JON; WONG CABELLO LUTSCH RUTHERFORD AND BRUCCULERI PC; WONG CABELLO LUTSCH RUTHERFORD AND BRUCCULERI LLP; SEAN MCDERMOTT WONG CABELLO LUTSCH; PARK VAUGHAN FLEMING AND DOWLER LLP; PAGE; DLA PIPER LLP US; CHIA HSIN

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

Abstract: Source: US5068823A An apparatus architecture is provided which permits an easily programmed apparatus to serve as an equivalent of an integrated circuit chip, and/or as a building block for a large system. The apparatus is connected to a communications bus which receives apparatus parameter and topological information from a host processor and/or memory. The apparatus includes numerous functional blocks, a core, and a parametric bus. The functional blocks such as serial and parallel ports, D/A and A/D converters, biquad filters, etc. serve to process signal data and are connected in any desired manner through a switching matrix located in the core. The topology of the switching matrix is received via the communication bus. Parameters for the functional blocks are sent to the functional blocks via the communications bus, the core, and the parametric bus. Topological and/or parametric data may be burned into the switch matrix and functional blocks as permanent programmed memory, or held in programmable nonvolatile or volatile memory associated with the core and functional blocks. Signal data is typically received and transmitted via the serial and/or parallel ports and via the D/A and A/D converters (functional blocks) of the apparatus. The signal data is processed extremely quickly by having the parameterized functional blocks perform their operations on the signal data and by forwarding the results to another functional block via the topologically arranged switching matrix. Each apparatus can be made part of a larger wafer-scale system including several identical or architecturally similar apparatus by providing links between the cores of the apparatus.

International (IPC 8-9): F02B75/02 G06F11/00 G06F11/36
G06F13/28 G06F15/16 G06F15/173 G06F15/177 G06F15/78
G06F15/80 G06F17/50 G06F3/05 G06F9/00 G06F9/06 G06F9/22
G06F9/26 G06F9/30 G06F9/32 G06F9/355 G06F9/38 G06F9/40
G06F9/44 G06F9/45 H04Q3/55 (Advanced/Invention);
F02B75/02 G06F15/16 G06F9/06 G06F9/26 G06F9/45 (Advanced/Non-
invention);
G06F11/00 G06F11/36 G06F13/20 G06F15/16
G06F15/76 (Core/Invention);
G06F (Subclass/Invention)

CPC: G06F15/7867 G06F11/364 G06F11/3648 G06F15/177
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G06F11/3656

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717/140



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AT198106 E	20001215	AT19920922938T	19921014
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JP7504281 T2	19950511	JP19930507881T	19921014
KR100240158 B1	20000115	KR19927002896	19921118
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US5068823 A	19911126	US19880217616	19880711
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Priority:

CA19890605357	19890711	IL19910098161	19910516	US19880217616	19880711
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WO1992US08954	19921014	US19940196389	19940215	US19910776161	19911015
US19930034586	19930322	WO1991US03386	19910515	WO1989US02986	19890710
US19930059510	19930507	US19910776161	19911014		

Probable Assignee: LOGIC DEVICES INC

Assignee(s): (std): ROBINSON JEFFREY I ; SOFT SILICON DEVICES INC ; STAR SEMICONDUCTOR CORP ; LOGIC DEVICES

Assignee(s): LOGIC DEVICES INC ; MONTLICK TERRY F ; MUSICUS BRUCE R ; KRASSOWSKI ANDREW J ; STAR SEMICONDUCTOR ; SILICON VALLEY BANK LOAN DOCUMENTATION H ; SILICON VALLEY BANK ; STAR SEMICONDUCTOR CORP WARREN ; ROUSE KEITH

Inventor(s): (std): ANDREW J KRASSOWSKI ; BRUCE R MUSICUS ; JEFFREY I ROBINSON ; KEITH ROUSE ; KRASSOWSKI ANDREW J ; MONTLICK TERRY F ; MUSICUS BRUCE R ; ROBINSON JEFFREY I ; ROUSE KEITH ; RPUSE KEITH ; TERRY F MONTLICK ; ROBINSON I ; MONTLICK F ; KRASSOWSKI J

Agent(s): HALFORDS IP; SMART AND BIGGAR; R WILLIAM WRAY AND ASSOCIATES; EDWARD LANGER

Designated states: AT AU BE CA CH DE DK ES FR GB GR IE IT JP KR LU MC NL SE US

Title: **SYNCHRONIZATION** OF AUDIO AND VIDEO SIGNALS FROM REMOTE SOURCES OVER THE INTERNET

Abstract: Source: US2009172200A The present invention is an architecture and technology for a method for **synchronizing** multiple streams of **time-**based digital audio and video content from separate and distinct remote sources, so that when the streams are joined, they are perceived to be in unison.

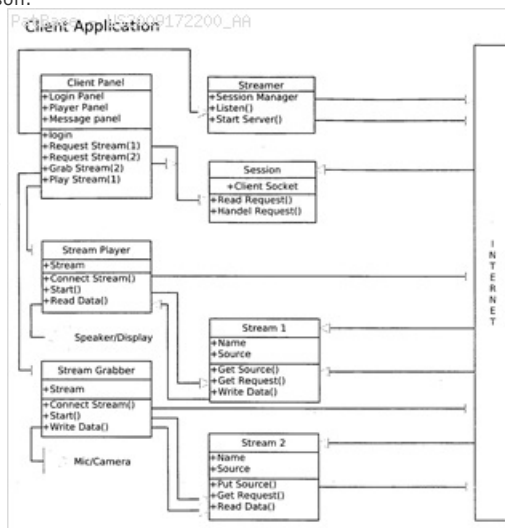
Classifications:

International (IPC 8-9): G06F1/12 G06F13/42 G06F15/16 G06F17/30 G10H1/00 H04J3/06 H04R1/40 H04W24/00 (Advanced/Invention); G06F15/177 G11B27/10 H04L7/00 (Advanced/Non-invention); G06F15/16 H04R1/40 (Core/Invention)

CPC: G10H1/0058 G06F17/30056 G10H2240/175 G10H2240/305 G10H2240/325 G11B27/10

European: G06F17/30E4P1 G10H1/00R2C S10H240/175 S10H240/305 S10H240/325 S11B27/10

US: 370/503 455/456.1 709/203 709/204 709/231 709/248 709/248P



Family:

Publication number	Publication date	Application number	Application date
US2009172200 AA	20090702	US20080070983	20080222
US2010198992 AA	20100805	US20100798619	20100408
US8301790 BB	20121030	US20080070983	20080222
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Priority:

US20070932305P 20070530 US20080070983 20080222 US20100798619 20100408

Probable Assignee: CONNECTIONOPEN INC

Assignee(s): (std): MORRISON LAWRENCE ; MORRISON RANDY

Assignee(s): CONNECTIONOPEN INC

Inventor(s): (std): MORRISON LAWRENCE ; MORRISON RANDY

Agent(s): ROZSA LAW GROUP LC; THOMAS I; ROZSA THOMAS I

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

Title: METHOD OF GRAPHICAL PRESENTATION OF RELATIONSHIPS BETWEEN INDIVIDUALS, BUSINESS ENTITIES, AND ORGANIZATIONS

Abstract: Source: US2005004813A A method of graphical presentation of relationships with business significance between business related entities such as individuals, business entities, and activities of human endeavor. Information retrieved from databases about relationships between business related entities can be more quickly and more clearly understood if the relationships are presented graphically with a symbol for each entity and links connecting the entities where each link specifies the type of relationship, such as employee, owner, shareholder, contractors, etc. When databases are queried about a particular entity, that entity is displayed in a prominent position, such as the center of the display.

Classifications:

International (IPC 8-9): G06F12/00 G06F12/02 G06F13/00 G06F15/16 G06F17/30 G06F3/048 G06Q10/00 G06Q30/00 G07G1/00 H04L12/66 H04N21/00 H04N21/234 H04N21/242 H04N21/437 H04N21/44 H04N21/658 H04N7/08 H04N7/10 H04N7/173 (Advanced/Invention); G06F12/00 G06F13/00 G06F17/30 G06F3/048 G06Q10/00 G06Q30/00 G07G1/00 H04N7/173 (Core/Invention)

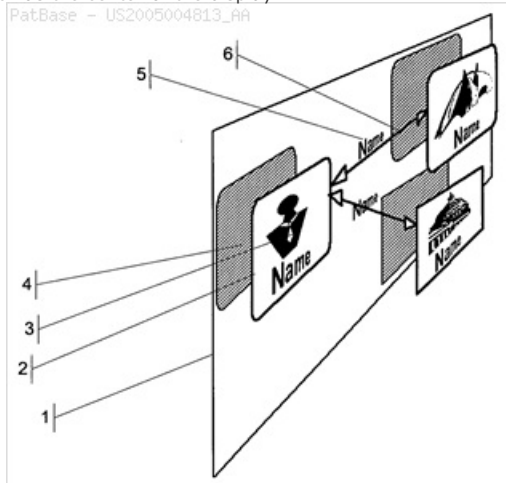
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CPC: G06Q10/10 G06F13/1663 G06F12/0284 H04N21/23424 H04N21/242 H04N21/44016 H04N21/2387 H04N21/4305 H04N21/4307 H04N21/4341 H04N21/44004 H04N21/44008 H04N21/812 H04N21/8456 H04N21/8547

European: G06F12/02D4 G06F13/16A8S G06F17/60A G06Q10/10 H04N21/234S H04N21/242 H04N21/44S

US: 1/1 705/1 705/10 705/10S 711/121 711/154 711/154P 711/203 711/3 711/E12.013 711/E12.013S 715/775 715/804 715/804P

PatBase - US2005004813_AA



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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WO2007US85757 20071128		

Probable Assignee: MOTOROLA MOBILITY LLC

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