

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6267622

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NUMONYX B.V.	11/22/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICRON TECHNOLOGY, INC.
<b>Street Address:</b>	8000 SOUTH FEDERAL WAY
<b>City:</b>	BOISE
<b>State/Country:</b>	IDAHO
<b>Postal Code:</b>	83707
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13273182
<b>Application Number:</b>	16813638
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60601
<b>ATTORNEY DOCKET NUMBER:</b>	120426-096000RE, 096002RE
<b>NAME OF SUBMITTER:</b>	ALLISON HUNG
<b>SIGNATURE:</b>	/Allison Hung/
<b>DATE SIGNED:</b>	08/25/2020
<b>Total Attachments: 59</b>	
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source=120426-096002RE\_Assignment (Numonyx to Micron)#page59.tif

**PATENT ASSIGNMENT AGREEMENT**

**WHEREAS**, Numonyx B.V., a company organized under the laws of Netherlands, having a place of business at A-ONE Biz Center, Z.A. Vers la Piece, Rte. De l'Etraz, 1180 Rolle, Switzerland (hereinafter referred to as "Assignor") has rights in and to the following:

1. U.S. Patents and patent applications listed on Exhibit A, and
2. Foreign patents and patent applications listed on Exhibit B.


(said patents and patent applications listed in Exhibits A and B being hereinafter referred to as "SAID PATENT RIGHTS"); and

**WHEREAS**, Micron Technology, Inc. is a corporation having a principal place of business at 8000 S. Federal Way, Boise, Idaho 83707, United States (hereinafter referred to as "Assignee") is desirous of obtaining rights to SAID PATENT RIGHTS;

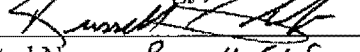
**NOW, THEREFORE**, for and in consideration of good and valuable consideration the receipt, sufficiency and adequacy of which are hereby acknowledged, Assignor does hereby sell, convey, transfer and assign to Assignee, its successors, assigns and legal representatives, subject to prior encumbrances, all right, title and interest in and to SAID PATENT RIGHTS, together with any and all continuations, continuation-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current and future infringement thereof.

**IN WITNESS WHEREOF**, Assignor has caused this Assignment to be executed by its duly authorized officer effective as of the 22 day of November, 2011.

**Numonyx B.V.**

By:   
 Printed Name: Thomas L. Lewis  
 Title: Director

**Micron Technology, Inc.**

By:   
 Printed Name: Russell Slifer  
 Title: Chief Patent Counsel

Intel originated

## Exhibit A - US Applications and Issued Patents

MTI-Drawn	Matter Type	Matter Status	Title	File Date	Serial No.	Issued Date	Patenting	Country
NMXI-0001.00/US	Utility - ORG	Expired	APPARATUS WITH A SINGLE MEMORY AND A PLURALITY OF QUEUE COUNTERS FOR QUEUING REQUESTS AND REPLES ON A PIPELINED PACKET BUS	10/14/1988	07/257,857	9/17/1991	5,050,066	US
NMXI-0002.00/US	Utility - ORG	Expired	VOLTAGE MARGINING CIRCUIT FOR FLASH EPROM	1/12/1988	07/144,567	10/17/1989	4,875,188	US
NMXI-0003.00/US	Utility - ORG	Expired	LEAKAGE VERIFICATION FOR FLASH EPROM	2/17/1988	07/157,364	6/20/1989	4,841,482	US
NMXI-0004.00/US	Utility - ORG	Expired	A CIRCUIT FOR PROVIDING A LOAD FOR THE CHARGING OF AN EPROM CELL	1/12/1988	07/144,569	8/15/1989	4,858,186	US
NMXI-0005.00/US	Utility - CON	Expired	PROCESSOR CONTROLLED COMMAND PORT ARCHITECTURE FOR FLASH MEMORY	10/19/1990	07/601,012	6/22/1993	5,222,046	US
NMXI-0006.00/US	Utility - ORG	Abandoned	PROCESS FOR SIMULTANEOUSLY FABRICATING EPROM CELL AND FLASH EPROM CELL	11/21/1988	07/274,420	9/18/1990	4,957,877	US
NMXI-0007.00/US	Utility - CON	Issued	MICROCONTROLLER PERIPHERAL EXPANSION BUS FOR ACCESS TO INTERNAL SPEC-IAL FUNCTION REGISTERS	12/1/1992	07/984,280	5/31/1994	5,317,750	US
NMXI-0008.00/US	Utility - ORG	Expired	MICROPROCESSOR BUS INTERFACE UNIT WHICH CHANGES SCHEDULED DATA TRANSFER INDICATIONS UPON SENSING CHANGE IN ENABLE SIGNALS BEFORE RECEIVING READY SIGNAL	8/1/1988	07/227,078	12/17/1991	5,073,969	US
NMXI-0009.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR CONDUCTING BUS TRANSACTIONS BETWEEN TWO CLOCK INDEPENDENT BUS AGENTS OF A COMPUTER SYSTEM USING A TRANSACTION BY TRANSACTION DETERMINISTIC REQUEST/RESPONSE PROTOCOL	2/27/1995	08/394,560	10/9/1995	5,455,957	US
NMXI-0010.00/US	Utility - CON	Expired	SELF-BIASED, HIGH-GAIN DIFFERENTIAL AMPLIFIER WITH FEEDBACK CIRCUIT INCLUDING A LATCHING UNIT FOR HOLDING INSTRUCTIONS DURING EXECUTION FOR RE-EXECUTION FOLLOWING EXCEPTION HANDLING	1/2/1990	07/462,879	6/26/1990	4,937,476	US
NMXI-0011.00/US	Utility - DIV	Issued	PORT EXPANDER ARCHITECTURE FOR MAPPING A FIRST SET OF ADDRESSES TO EXTERNAL MEMORY AND MAPPING A SECOND SET OF ADDRESSES TO AN I/O PORT	4/14/1993	08/047,696	5/30/1995	5,421,021	US
NMXI-0012.00/US	Utility - CON	Expired	TEST MODE ENABLE SCHEME FOR MEMORY	5/22/1991	07/707,241	12/31/1991	5,077,738	US
NMXI-0013.00/US	Utility - CON	Expired	CHEMICAL MODIFICATION OF SPIN-ON GLASS FOR IMPROVED PERFORMANCE IN IC FABRICATION	3/8/1989	07/320,763	12/5/1989	4,885,262	US
NMXI-0014.00/US	Utility - ORG	Expired	METHOD AND APPARATUS FOR AUTOMATICALLY CONFIGURING SYSTEM MEMORY ADDRESS SPACE OF A COMPUTER SYSTEM HAVING A MEMORY SUBSYSTEM WITH INDETERMINISTIC NUMBER OF MEMORY UNITS OF INDETERMINISTIC SIZES DURING SYSTEM RESET	3/29/1995	08/412,607	4/30/1996	5,513,331	US
NMXI-0015.00/US	Utility - CON	Abandoned	LEAKAGE VERIFICATION FOR FLASH EPROM	3/14/1989	07/323,310	8/22/1989	4,860,261	US
NMXI-0016.00/US	Utility - DIV	Expired	METHOD OF TRANSFERRING BURST DATA IN A MICROPROCESSOR	4/5/1989	07/333,980	7/14/1992	5,131,083	US
NMXI-0017.03/US	Utility - CON	Expired	METHOD OF TRANSFERRING BURST DATA IN A MICROPROCESSOR	11/24/1992	07/981,943	10/19/1993	5,255,378	US
NMXI-0018.00/US	Utility - ORG	Expired	NOVEL ARCHITECTURE FOR VIRTUAL GROUND HIGH-DENSITY EPROMS	8/7/1989	07/390,159	2/12/1991	4,992,980	US
NMXI-0019.00/US	Utility - CON	Issued	MICROPROCESSOR PROVIDING ENCODED INFORMATION ON BYTE ENABLE LINES INDICATING WHETHER READING CODE OR DATA, LOCATION OF CODE/DATA ON DATA LINES, AND BIT WIDTH OF CODE/DATA	10/8/1993	08/133,771	1/3/1995	5,379,443	US
NMXI-0020.00/US	Utility - CON	Issued	M & A FOR MINIMIZING DATA TRANSFER TO MAIN MEMORY FROM A WRITE CACHE DURING A CACHE MISS	4/28/1994	08/234,587	11/14/1995	5,467,460	US

11/21/2011

## Exhibit A - US Applications and Issued Patents

INT-DOCK-NO	MATERIAL-NO	MATERIAL-STATUS	THE	FILE-DATE	ISSUING	ISSUANCE	PATENT-NO	COUNTRY
NMXXI-0021.00/US	Utility - ORG	Expired		8/6/1990	07/563,560	9/17/1991	5,048,195	US
NMXXI-0022.00/US	Utility - ORG	Expired		2/28/1990	07/486,407	2/9/1993	5,185,872	US
NMXXI-0023.00/US	Utility - ORG	Expired		4/17/1991	07/686,683	11/17/1992	5,164,330	US
NMXXI-0024.00/US	Utility - ORG	Expired		2/28/1990	07/486,408	6/11/1991	5,023,844	US
NMXXI-0025.00/US	Utility - ORG	Expired		9/26/1990	07/589,388	8/4/1992	5,136,544	US
NMXXI-0026.00/US	Utility - ORG	Expired		9/26/1990	07/589,391	1/5/1993	5,177,745	US
NMXXI-0027.00/US	Utility - CON	Issued		11/12/1993	08/150,784	4/23/2002	5,378,061	US
NMXXI-0028.00/US	Utility - ORG	Expired		11/2/1990	07/609,192	4/7/1992	5,102,814	US
NMXXI-0029.00/US	Utility - CON	Issued		10/26/1993	08/141,685	9/26/1995	5,454,089	US
NMXXI-0030.00/US	Utility - ORG	Expired		12/20/1990	07/630,497	6/22/1993	5,222,244	US
NMXXI-0031.00/US	Utility - CON	Expired		5/8/1992	07/883,067	4/13/1993	5,202,291	US
NMXXI-0032.00/US	Utility - ORG	Expired		12/20/1990	07/630,534	5/17/1994	5,313,605	US
NMXXI-0033.00/US	Utility - ORG	Expired		12/22/1990	07/635,868	12/29/1992	5,125,126	US
NMXXI-0034.00/US	Utility - ORG	Expired		11/13/1990	07/612,452	9/17/1991	5,050,123	US
NMXXI-0035.00/US	Utility - CON	Issued		7/2/1993	08/087,140	10/3/2000	6,127,696	US
NMXXI-0036.00/US	Utility - ORG	Expired		6/7/1991	07/712,119	6/15/1993	5,219,791	US
NMXXI-0037.00/US	Utility - ORG	Expired		6/7/1991	07/712,116	8/18/1992	5,139,971	US
NMXXI-0038.00/US	Utility - CON	Issued		9/28/1992	07/951,945	2/15/1994	5,286,678	US
NMXXI-0039.00/US	Utility - ORG	Issued		5/29/1992	07/890,937	8/29/1995	5,446,867	US
NMXXI-0040.00/US	Utility - CON	Issued		4/13/1993	08/046,477	4/2/1996	5,503,959	US
NMXXI-0041.00/US	Utility - CON	Issued		2/24/1994	08/201,044	9/5/1995	5,448,712	US
NMXXI-0042.00/US	Utility - CON	Issued		1/21/1994	08/185,449	10/31/1995	5,463,757	US
NMXXI-0043.00/US	Utility - CON	Issued		5/9/1994	08/239,939	7/4/1995	5,430,677	US
NMXXI-0044.00/US	Utility - ORG	Expired			07/635,662	6/30/1992	5,126,029	US
NMXXI-0045.00/US	Utility - ORG	Expired		5/10/1991	07/698,547	11/23/1993	5,265,059	US

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## Exhibit A - US Applications and Issued Patents

Application No.	Matter Type	Matter Status	Title	Filing Date	Serial No.	Issued Date	Patent No.	Country
NMXXI-0046.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR CONDUCTING BUS TRANSACTIONS BETWEEN TWO CLOCK INDEPENDENT BUS AGENTS OF A COMPUTER SYSTEM USING A TRANSACTION BY TRANSACTION DETERMINISTIC REQUEST/RESPONSE PROTOCOL AND BURST TRANSFER	5/26/1995	08/429,658	11/28/1995	5,471,637	US
NMXXI-0047.00/US	Utility - CON	Issued	HIGH-RESOLUTION SYNCHRONOUS DELAY LINE	3/24/1993	08/036,219	11/15/1994	5,365,128	US
NMXXI-0048.00/US	Utility - ORG	Issued	METHOD OF REPAIRING OVERERASED CELLS IN A FLASH MEMORY	10/9/1991	07/773,228	8/17/1993	5,237,535	US
NMXXI-0049.00/US	Utility - DIV	Expired	A METHOD FOR PROGRAMMING A VIRTUAL GROUND EPROM CELL INCLUDING SLOW RAMPING OF THE COLUMN LINE VOLTAGE	2/20/1991	07/658,184	7/7/1992	5,128,895	US
NMXXI-0050.00/US	Utility - ORG	Expired	COMPOSITE POLISHING PAD FOR SEMICONDUCTOR PROCESS	7/9/1991	07/777,829	5/25/1993	5,212,910	US
NMXXI-0051.00/US	Utility - CON	Issued	METHOD FOR TESTING ERASE CHARACTERISTICS OF A FLASH MEMORY ARRAY	7/19/1994	08/277,369	5/2/1995	5,412,793	US
NMXXI-0052.00/US	Utility - CON	Abandoned	ADVANCE MULTILAYER MOLDED PLASTIC PACKAGE USING MESIC TECHNOLOGY	8/18/1993	08/108,766			US
NMXXI-0052.01/US	Utility - NSPCT	Issued	ADVANCE MULTILAYER MOLDED PLASTIC PACKAGE USING MESIC TECHNOLOGY	6/14/1994	08/140,070	9/17/1996	5,556,807	US
NMXXI-0052.02/US	Utility - CON	Issued	ADVANCE MULTILAYER MOLDED PLASTIC PACKAGE USING MESIC TECHNOLOGY	2/6/1995	08/384,629	1/30/1996	5,488,257	US
NMXXI-0053.00/US	Utility - ORG	Expired	ASYMMETRIC FLOATING GATE OVERLAP FOR IMPROVED DEVICE CHARACTERISTICS IN BURIED BIT-LINE DEVICES	8/14/1991	07/744,969	2/22/1994	5,289,026	US
NMXXI-0053.01/US	Utility - CON	Issued	A METHOD FOR FORMING AN ASYMMETRIC FLOATING GATE OVERLAP FOR IMPROVED DEVICE PERFORMANCE IN BURIED BIT-LINE DEVICES	11/10/1994	08/337,131	9/26/2000	6,124,168	US
NMXXI-0054.00/RE	Utility - REIS	Issued	PROCESS FOR FORMING A THIN OXIDE LAYER	9/14/1995	08/528,188	9/14/1993	RE38,674	US
NMXXI-0054.00/US	Utility - ORG	Issued	NOVEL PROCESS FOR FORMING A THIN OXIDE LAYER	12/17/1991	07/809,971	9/14/1993	5,244,843	US
NMXXI-0055.00/US	Utility - CIP	Expired	CHARGE DOMAIN DIFFERENTIAL CONDUCTANCE SWAPSE CELL FOR NEURAL NETWORKS	1/16/1992	07/821,634	10/13/1992	5,155,377	US
NMXXI-0056.00/US	Utility - ORG	Issued	BUFFER CIRCUITRY FOR TRANSFERRING SIGNALS FROM TTL CIRCUITRY TO DUAL RANGE CMOS CIRCUITRY	12/23/1991	07/813,148	3/29/1994	5,298,807	US
NMXXI-0057.00/US	Utility - CIP	Issued	PROCESS FOR FILLING SUBMICRON SPACES WITH DIELECTRIC	7/21/1992	07/917,465	12/14/1993	5,270,264	US
NMXXI-0058.00/US	Utility - ORG	Expired	MULTI-QUADRANT CHARGE DOMAIN SYNAPSE CELL	8/20/1991	07/747,642	8/4/1992	5,136,177	US
NMXXI-0059.00/US	Utility - CON	Issued	LITHOGRAPHY USING A NEW PHASE-SHIFTING RETICLE	3/1/1995	08/396,926	5/27/1997	5,633,102	US
NMXXI-0060.00/US	Utility - ORG	Issued	CLOCK SWITCHING APPARATUS AND METHOD FOR COMPUTER SYSTEMS	12/30/1991	07/815,819	12/28/1993	5,274,678	US
NMXXI-0061.00/US	Utility - ORG	Expired	HIGH SPEED NORING INVERTING, MUXING AND LATCHING CIRCUIT WITH TEMPERATURE COMPENSATED OUTPUT NOISE CONTROL	8/30/1991	07/752,780	12/1/1992	5,168,178	US
NMXXI-0062.00/US	Utility - ORG	Expired	HIGH THROUGHPUT INTERLEVEL DIELECTRIC GAP FILLING PROCESS	6/28/1991	07/722,861	1/18/1994	5,279,865	US
NMXXI-0063.00/US	Utility - CIP	Expired	HIGH SPEED, LOW POWER OUTPUT CIRCUIT WITH TEMPERATURE COMPENSATED NOISE CONTROL	5/12/1992	07/881,843	3/1/1994	5,291,071	US
NMXXI-0064.00/US	Utility - CON	Issued	SURFACE SWEEPING METHOD FOR SURFACE MOVEMENT IN THREE DIMENSIONAL TOPOGRAPHY SIMULATION	11/5/1993	08/148,181	12/17/1996	5,586,230	US
NMXXI-0065.00/US	Utility - ORG	Issued	PARTICLE FLUX SHADOWING FOR THREE-DIMENSIONAL TOPOGRAPHY SIMULATION	6/24/1992	07/904,001	1/25/1994	5,282,140	US
NMXXI-0066.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR TESTING THE CONTINUITY OF STATIC RANDOM ACCESS MEMORY CELLS	12/31/1991	07/816,635	10/19/1993	5,255,230	US

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## Exhibit A - US Applications and Issued Patents

MTI-DESI-NO.	Material Type	Material Status	Title	Filed Date	Serial No.	Issued Date	Patent No.	Country
NMXXI-0067.00/US	Utility - ORG	Issued	DELAY LINE LOOP FOR ON-CHIP CLOCK SYNTHESIS WITH ZERO SKEW AND 50% DUTY CYCLE	2/26/1993	08/023,673	4/25/1995	5,410,263	US
NMXXI-0068.00/US	Utility - ORG	Issued	MULTI-STAGED CHARGE-PUMP WITH STAGGERED CLOCK PHASES FOR PROVIDING HIGH CURRENT CAPABILITY	6/10/1992	07/896,195	4/5/1994	5,301,097	US
NMXXI-0069.00/US	Utility - CON	Issued	RANDOM ACCESS MEMORY WITH DIGITAL SIGNALS RUNNING OVER THE SMALL SIGNAL REGION OF THE ARRAY	3/9/1994	08/208,800	10/10/1995	5,467,648	US
NMXXI-0070.00/US	Utility - ORG	Issued	STATIC PLA WITH STATE MACHINE CONTROLLED BY MODEL OF BOTH INPUT AND AN OUTPUT LINE	4/29/1992	07/875,661	12/28/1993	5,274,281	US
NMXXI-0071.00/US	Utility - ORG	Issued	DETECTING VALID DATA FROM A TWISTED PAIR MEDIUM	7/31/1992	07/923,853	12/13/1994	5,373,508	US
NMXXI-0072.00/US	Utility - ORG	Issued	BIAS CIRCUITRY FOR CONTENT ADDRESSABLE MEMORY CELLS OF A FLOATING GATE NONVOLATILE MEMORY	3/31/1992	07/861,093	11/30/1993	5,267,213	US
NMXXI-0073.00/US	Utility - CON	Issued	APPARATUS AND METHOD FOR MINIMIZING VERIFY TIME IN A SEMICONDUCTOR MEMORY BY CONSTANTLY CHARGING N-WELL CAPACITANCE	12/22/1994	08/361,872	4/9/1996	5,506,803	US
NMXXI-0074.00/US	Utility - ORG	Issued	PROTECTED ERASE VOLTAGE DISCHARGE TRANSISTOR IN A NONVOLATILE SEMICONDUCTOR MEMORY	11/3/1992	07/971,074	5/3/1994	5,309,012	US
NMXXI-0075.00/US	Utility - ORG	Issued	POLYIMIDE PROCESS FOR PROTECTING INTEGRATED CIRCUITS	6/5/1992	07/893,765	9/7/1993	5,242,864	US
NMXXI-0076.00/US	Utility - ORG	Issued	METHOD FOR THE ANISOTROPIC ETCHING OF METAL FILMS IN THE FABRICATION OF INTERCONNECTS	9/8/1992	07/941,412	9/27/1994	5,350,484	US
NMXXI-0077.00/US	Utility - ORG	Issued	METHOD OF MANAGING DEFECTS IN FLASH DISK MEMORIES	10/30/1992	07/969,749	12/5/1995	5,473,753	US
NMXXI-0077.01/US	Utility - DIV	Issued	METHOD OF MANAGING DEFECTS IN FLASH DISK MEMORIES	8/12/1996	08/700,676	1/11/2000	6,014,755	US
NMXXI-0078.00/US	Utility - ORG	Issued	STORING FLOATING SECTOR DATA	10/30/1992	07/969,763	12/26/1995	5,479,633	US
NMXXI-0079.00/US	Utility - ORG	Issued	POWER MANAGEMENT SYSTEM FOR COMPONENTS USED IN BATTERY POWERED APPLICATIONS	2/19/1993	08/019,617	2/11/1997	5,603,036	US
NMXXI-0080.00/US	Utility - ORG	Issued	PROCESS FOR ETCHING SILICON DIOXIDE LAYER WITHOUT MICRO MASKING EFFECT	6/12/1992	07/897,768	3/22/1994	5,256,094	US
NMXXI-0081.00/US	Utility - CON	Issued	A METHOD AND APPARATUS FOR DYNAMICALLY ALLOCATING ACCESS TIME TO A RESOURCE SHARED BETWEEN A PERIPHERAL BUS AND A HOST BUS BY DYNAMICALLY CONTROLLING THE SIZE OF BURST DATA TRANSFERS ON THE PERIPHERAL BUS	2/14/1995	08/389,078	11/26/1996	5,579,530	US
NMXXI-0082.00/US	Utility - ORG	Issued	GENERALLY-DIAGONAL MAPPING OF ADDRESS SPACE FOR ROW/COLUMN ORGANIZER MEMORIES	9/30/1993	08/130,023	2/6/1996	5,490,264	US
NMXXI-0083.00/US	Utility - ORG	Issued	APPARATUS UTILIZING DUAL COMPARE LOGIC FOR SELF-CHECKING OF FUNCTIONAL REDUNDANCY CHECK (FRG) LOGIC	1/30/1992	07/830,209	1/4/1994	5,276,690	US
NMXXI-0084.00/US	Utility - DIV	Expired	METHOD FOR FORMING A TITANIUM NITRIDE BARRIER LAYER	4/14/1992	07/869,227	8/3/1993	5,233,871	US
NMXXI-0085.00/US	Utility - ORG	Issued	PROGRAMMABLE SECONDARY CLOCK GENERATOR	9/21/1992	07/948,215	10/26/1993	5,256,994	US
NMXXI-0086.00/US	Utility - ORG	Issued	PROGRAMMABLE DEDICATED TIMER OPERATED ON A CLOCK INDEPENDENT OF PROCESSOR TIMER	6/12/1992	07/897,897	7/25/1995	5,437,021	US
NMXXI-0087.00/US	Utility - ORG	Issued	GATE/SOURCE DISTURB PROTECTION FOR SIXTEEN-BIT FLASH EEPROM MEMORY ARRAYS	6/19/1992	07/901,110	5/31/1994	5,317,535	US
NMXXI-0088.00/US	Utility - ORG	Issued	HIGH-SPEED BIAS-STABILIZED CURRENT-MIRROR REFERENCING CIRCUIT FOR NON-VOLATILE MEMORIES	5/19/1992	07/901,395	2/22/1994	5,289,412	US
NMXXI-0089.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR IMPROVING DATA FAILURE RATE TESTING FOR MEMORY ARRAYS	10/30/1992	07/969,465	5/16/1995	5,436,782	US
NMXXI-0090.00/US	Utility - CON	Issued	METHOD FOR WRITING TO A FLASH MEMORY ARRAY DURING ERASE SUSPEND INTERVALS	10/30/1993	08/145,732	8/23/1994	5,341,330	US

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## Exhibit A - US Applications and Issued Patents

App No.	App Type	App Status	Title	Filed	Pub No.	Pub Date	Pub No.	Pub Date	Pub No.	Pub Date
NMXXI-0091.00/US	Utility - ORG	Issued	NONVOLATILE MEMORY WITH A PROGRAMMABLE OUTPUT OF SELECTABLE WIDTH AN A METHOD FOR CONTROLLING THE NONVOLATILE MEMORY TO SWITCH BETWEEN DIFFERENT OUT PUT WIDTHS	3/17/1993	08/032,686	4/2/1996	5,504,875			US
NMXXI-0092.00/US	Utility - ORG	Issued	POLISHING PAD CONDITIONING APPARATUS FOR WAFER PLANARIZATION PROCESS	9/24/1992	07/950,812	6/8/1993	5,216,843			US
NMXXI-0093.00/US	Utility - ORG	Issued	ELECTRICALLY CONDUCTIVE INTERPOSER AND ARRAY PACKAGE CONCEPT FOR INTERCONNECTING TO A CIRCUIT BOARD	12/2/1992	07/984,335	6/14/1994	5,321,583			US
NMXXI-0094.00/US	Utility - CON	Issued	OPTIMIZED LOOKUP TABLE METHOD FOR CONVERTING YUV PIXEL VALUES TO RGB PIXEL VALUES	4/17/1995	08/425,231	5/7/2002	6,384,838			US
NMXXI-0095.00/US	Utility - ORG	Issued	FAST PARITY GENERATOR USING COMPLEMENT PASS-TRANSISTOR LOGIC	11/23/1993	08/156,427	3/4/1997	5,608,741			US
NMXXI-0096.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR UPDATING FLASH MEMORY RESIDENT FIRMWARE THROUGH A STANDARD DISK DRIVE INTERFACE	11/9/1998	09/189,000	12/28/1999	6,009,497			US
NMXXI-0096.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR UPDATING FLASH MEMORY RESIDENT FIRMWARE THROUGH A STANDARD DISK DRIVE INTERFACE	11/9/1998	09/189,000	12/28/1999	6,009,497			US
NMXXI-0097.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR DATA BUFFERING AND QUEUE MANAGEMENT OF DIGITAL MOTION VIDEO SIGNALS	12/16/1994	08/357,544	9/12/1995	5,450,544			US
NMXXI-0098.00/US	Utility - ORG	Issued	SYSTEM FOR AUTOMATICALLY COMPRESSING AND DECOMPRESSING DATA FOR SENDER AND RECEIVER PROCESSES UPON DETERMINATION OF A COMMON COMPRESSION/DECOMPRESSION METHOD UNDERSTOOD BY BOTH SENDER AND RECEIVER PROCESSES	10/15/1992	07/961,475	9/17/1996	5,557,749			US
NMXXI-0099.00/US	Utility - CON	Issued	METHOD FOR ALLOCATING MEMORY IN A SOLID STATE MEMORY DISK	6/7/1995	08/485,661	7/9/1996	5,535,369			US
NMXXI-0100.00/US	Utility - ORG	Issued	HIGH SPEED OR CIRCUIT CONFIGURATION	9/1/1992	07/938,934	12/28/1993	5,274,277			US
NMXXI-0101.00/US	Utility - CON	Issued	MULTIPLE LAYER PROGRAMMABLE LAYOUT FOR VERSION IDENTIFICATION	8/3/1994	08/285,495	10/17/1995	5,459,355			US
NMXXI-0102.00/US	Utility - ORG	Issued	IMPROVED SYSTEM OF RESOLVING CONFLICTING DATA PROCESSING MEMORY REQUESTS	9/30/1992	07/954,743	8/16/1994	5,339,442			US
NMXXI-0103.00/US	Utility - ORG	Issued	METHOD FOR LOCATING SECTOR DATA IN A MEMORY DISK BY EXAMINING A PLURALITY OF HEADERS NEAR AN INITIAL POINTER	10/30/1992	07/969,780	11/28/1995	5,471,604			US
NMXXI-0104.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROVIDING A CONTEXT SWITCH IN RESPONSE TO AN INTERRUPT IN A COMPUTER PROCESS	6/30/1993	08/085,409	7/9/1996	5,535,397			US
NMXXI-0105.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR EXECUTION OF OPERATIONS IN A FLASH MEMORY ARRAY	6/30/1993	08/086,186	4/16/1996	5,509,134			US
NMXXI-0106.00/US	Utility - ORG	Issued	CRITICAL PATH PREDICTION FOR DESIGN OF CIRCUITS	12/29/1993	08/174,729	8/6/1996	5,544,071			US
NMXXI-0107.00/US	Utility - ORG	Issued	INSTRUCTION BUFFER FOR ALIGNING INSTRUCTION SETS USING BOUNDARY DETECTION	6/30/1993	08/085,637	10/31/1995	5,463,748			US
NMXXI-0107.01/US	Utility - CON	Issued	BRANCH TARGET BUFFER WITH ADDRESS TAGS APPENDED TO STORED INSTRUCTIONS FOR FACILITATING BUFFER FLUSHING	1/23/1997	08/787,983	6/26/2001	6,250,821			US
NMXXI-0107.02/US	Utility - CON	Issued	APPARATUS FOR CONCURRENT ISSUE OF INSTRUCTIONS IN PARALLEL FROM FIRST AND SECOND STORAGE AREA	8/15/1997	08/912,048	6/12/2001	6,247,120			US

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App. No.	Matter Type	Matter Status	Title	Filing Date	Serial No.	Issue Date	Patent No.	Country
NMXX-0108.00/US	Utility - CON	Issued	NONVOLATILE MEMORY WITH BLOCKS AND CIRCUITRY FOR SELECTIVELY PROTECTING THE BLOCKS FROM MEMORY OPERATIONS	12/19/1994	08/358,978	4/30/1996	5,513,136	US
NMXX-0109.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROVIDING PRECISE FAULT-TRACING IN A SUPERSCALAR MICROPROCESSOR	6/30/1993	08/085,508	5/12/1998	5,752,013	US
NMXX-0110.00/US	Utility - ORG	Issued	NONVOLATILE MEMORY CARD WITH AN ADDRESS TABLE AND AN ADDRESS TRANSLATION LOGIC FOR MAPPING OUT DEFECTIVE BLOCKS WITHIN THE MEMORY CARD	6/30/1993	08/086,043	6/4/1996	5,524,231	US
NMXX-0111.00/US	Utility - CON	Issued	APPARATUS AND A METHOD FOR IMPROVING THE PROGRAM AND ERASE PERFORMANCE OF A FLASH EEPROM MEMORY ARRAY	10/27/1994	08/329,773	10/3/1995	5,455,800	US
NMXX-0112.00/US	Utility - ORG	Issued	METHOD AND CIRCUITRY FOR ENABLING AND PERMANENTLY DISABLING TEST MODE ACCESS IN A FLASH MEMORY DEVICE	12/30/1993	08/175,599	6/11/1996	5,526,311	US
NMXX-0113.00/US	Utility - ORG	Issued	PARALLEL MULTISTAGE SYNCHRONIZATION METHOD AND APPARATUS	12/21/1993	08/171,554	1/30/1996	5,488,639	US
NMXX-0114.00/US	Utility - ORG	Issued	A ROUND ROBIN SCHEDULER USING A SCHEDULER CARRY OPERATION FOR ARBITRATION	12/30/1992	07/998,555	11/22/1994	5,367,679	US
NMXX-0115.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR ANALYZING DIGITAL VIDEO IMAGES BY MERGING DISPLACEMENT VECTORS	12/31/1992	07/999,148			US
NMXX-0115.01/US	Utility - CON	Issued	METHOD AND APPARATUS FOR ANALYZING DIGITAL VIDEO IMAGES BY MERGING DISPLACEMENT VECTORS	6/10/1994	08/258,613	10/22/1996	5,568,569	US
NMXX-0116.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR INITIATING COMMUNICATION VIA PAGING A MOBILE COMPUTING DEVICE	2/9/1996	08/599,032	12/3/1996	5,581,594	US
NMXX-0117.00/US	Utility - DIV	Issued	THIN, HIGH LEAD COINTEGRATED PACKAGE	2/1/1993	08/011,944	3/1/1994	5,290,735	US
NMXX-0118.00/US	Utility - ORG	Issued	NOVEL SLURRIES FOR CHEMICAL MECHANICAL POLISHING	11/3/1993	08/146,923	8/23/1994	5,340,370	US
NMXX-0119.00/US	Utility - ORG	Issued	SPECIAL TEST MODES FOR A PAGE BUFFER SHARED RESOURCE IN A MEMORY DEVICE	6/30/1993	08/085,542	4/22/1997	5,623,620	US
NMXX-0119.01/US	Utility - CON	Issued	SPECIAL TEST MODES FOR A PAGE BUFFER SHARED RESOURCE IN A MEMORY DEVICE	9/25/1996	08/719,583	11/10/1998	5,835,927	US
NMXX-0120.00/US	Utility - CON	Issued	SENSING SCHEME FOR FLASH MEMORY WITH MULTILEVEL CELLS	2/19/1997	08/801,004	10/27/1998	5,828,616	US
NMXX-0120.01/US	Utility - CON	Issued	SENSING SCHEME FOR FLASH MEMORY WITH MULTILEVEL CELLS	4/10/1997	08/827,670	5/5/1998	5,748,546	US
NMXX-0121.00/US	Utility - ORG	Issued	WRITE VERIFY SCHEMES FOR FLASH MEMORY WITH MULTILEVEL CELLS	6/2/1994	08/252,747	7/23/1996	5,539,690	US
NMXX-0122.00/US	Utility - ORG	Issued	ADDRESSING MODES FOR A DYNAMIC SINGLE BIT PER CELL TO MULTIPLE BIT PER CELL MEMORY	6/2/1994	08/252,920	5/7/1996	5,535,317	US
NMXX-0123.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROGRAMMING AND ERASING FLASH EEPROM MEMORY ARRAYS UTILIZING A CHARGE PUMP CIRCUIT	9/10/1993	08/119,719	5/9/1995	5,414,669	US
NMXX-0124.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR CONTROLLING THE OUTPUT VOLTAGE PROVIDED BY A CHARGE PUMP CIRCUIT	6/19/1996	08/491,792	9/3/1996	5,553,030	US
NMXX-0125.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR A TWO PHASE BOOTSTRAP CHARGE PUMP SYSTEM HAVING MULTIPLE PHASE BOOSTED CHARGE PUMP WITH A PLURALITY OF STAGES	9/10/1993	08/119,423	6/6/1995	5,422,586	US
NMXX-0125.01/US	Utility - DIV	Issued	METHOD AND APPARATUS FOR A TWO PHASE BOOTSTRAP CHARGE PUMP WITH A PLURALITY OF STAGES	5/20/1994	08/246,779	6/4/1996	5,524,266	US
NMXX-0125.02/US	Utility - DIV	Issued	METHOD AND APPARATUS FOR A TWO PHASE BOOTSTRAP CHARGE PUMP WITH A PLURALITY OF STAGES	5/24/1994	08/248,419	7/11/1995	5,432,469	US
NMXX-0126.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR CONTROLLING THE OUTPUT CURRENT PROVIDED BY A CHARGE PUMP CIRCUIT	9/10/1993	08/119,425	8/15/1995	5,442,586	US

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NMXX-0126.01/US	Utility - DIV	Issued	METHOD AND APPARATUS FOR CONTROLLING THE OUTPUT CURRENT PROVIDED BY A CHARGE PUMP CIRCUIT	3/14/1995	08/403,633	10/3/1995	5,455,794	US
NMXX-0127.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR SEQUENTIAL PROGRAMMING OF THE BITS IN A WORD OF A FLASH EEPROM MEMORY ARRAY	9/10/1993	08/119,520	7/16/1996	5,537,350	US
NMXX-0128.00/US	Utility - ORG	Issued	TRENCH ISOLATION WITH PLANAR TOPOGRAPHY AND METHOD OF FABRICATION	6/29/1993	08/084,795	10/25/1994	5,358,891	US
NMXX-0129.00/US	Utility - CON	Issued	ZERO STANDBY CURRENT POWER-UP RESET CIRCUIT	1/24/1996	08/590,26	10/29/1996	5,570,050	US
NMXX-0130.00/US	Utility - CIP	Issued	METHOD AND APPARATUS FOR SEQUENTIAL PROGRAMMING OF A FLASH EEPROM MEMORY ARRAY	6/2/1994	08/252,850	7/4/1995	5,430,674	US
NMXX-0131.00/US	Utility - DIV	Issued	METHOD OF OPTIMIZING OPERATING PARAMETERS OF AN INTEGRATED CIRCUIT PACKAGE HAVING A VOLTAGE REGULATOR MOUNTED THEREON	6/6/1995	08/468,972	9/17/1996	5,556,811	US
NMXX-0131.01/US	Utility - CON	Issued	APPARATUS FOR OPTIMIZING OPERATING PARAMETERS OF AN INTEGRATED CIRCUIT PACKAGE HAVING A VOLTAGE REGULATOR MOUNTED THEREON	10/31/1996	08/743,526	4/15/1997	5,621,245	US
NMXX-0132.00/US	Utility - CON	Issued	METHOD AND CIRCUITRY FOR STORING DISCRETE AMOUNTS OF CHARGE IN A SINGLE MEMORY ELEMENT	8/13/1997	08/910,866	4/6/1999	5,892,710	US
NMXX-0133.00/US	Utility - ORG	Issued	METHOD OF PIPELINING SEQUENTIAL WRITES IN A FLASH MEMORY	6/30/1993	08/085,969	5/21/1996	5,519,847	US
NMXX-0134.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR PROGRAMMING EMBEDDED MEMORIES OF A VARIETY OF INTEGRATED CIRCUITS USING THE IEEE TEST ACCESS PORT	12/19/1995	08/575,178	1/21/1997	5,596,734	US
NMXX-0135.00/US	Utility - ORG	Issued	CMOS VOLTAGE REFERENCE CIRCUIT	11/29/1993	08/158,418	7/18/1995	5,434,534	US
NMXX-0136.00/US	Utility - ORG	Issued	CPU CLOCK CONTROL UNIT	12/29/1993	08/176,944	8/13/1996	5,546,568	US
NMXX-0137.00/US	Utility - ORG	Issued	BINMOS DRIVER CIRCUIT WITH INTEGRATED VOLTAGE SUPPLY CONVERSION	5/16/1994	08/242,790	7/25/1995	5,436,585	US
NMXX-0138.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR REDIRECTING REGISTER ACCESS REQUESTS WHENIN THE REGISTER SET IS SEPARATE FROM A CENTRAL PROCESSING UNIT	9/19/1996	08/710,572	9/9/1997	5,666,556	US
NMXX-0139.00/US	Utility - ORG	Issued	ARCHITECTURE AND METHOD FOR PROVIDING GUARANTEED ACCESS FOR A RETRYING BUS MASTER TO A DATA TRANSFER BRIDGE CONNECTING TWO BUSES IN A COMPUTER SYSTEM	2/24/1994	08/201,817	2/15/2000	6,026,455	US
NMXX-0140.00/US	Utility - DIV	Issued	CIRCUITRY AND METHOD FOR PROGRAMMING AND ERASING A NON-VOLATILE SEMICONDUCTOR MEMORY	7/29/1993	08/100,508	4/30/1996	5,513,333	US
NMXX-0141.00/US	Utility - ORG	Issued	ANALOG CHROMA KEYING ON COLOR DATA	11/19/1993	08/154,955	3/14/1995	5,398,075	US
NMXX-0142.00/US	Utility - CON	Issued	METHOD AND SYSTEM FOR UPDATING FILES OF A PLURALITY OF STORAGE DEVICES THROUGH PROPAGATION OF FILES OVER A NETWORK	10/12/1995	08/542,039	8/13/1996	5,546,539	US
NMXX-0143.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR INITIALIZING A COMPUTER SYSTEM HAVING CENTRAL AND DISTRIBUTED ADDRESS DECODE MEMORY BUS RESOURCES	1/31/1995	08/384,472	12/31/1996	5,590,289	US
NMXX-0144.00/US	Utility - CON	Issued	APPARATUS FOR ENCODING SIGNALS USING A CONFIGURABLE TRANSFORM CIRCUIT	10/7/1994	08/319,779	6/20/1995	5,426,462	US
NMXX-0145.00/US	Utility - ORG	Issued	METHOD FOR CONTROLLING DATAFLOW BETWEEN A PLURALITY OF CIRCULAR BUFFERS	5/26/1993	08/067,858	8/29/1995	5,446,839	US

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PATENT

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## Exhibit A - US Applications and Issued Patents

INTL-DECKNO	Material Type	Material Status	Title	Filed Date	Serial No	Issue Date	Inventive	Country
NMXX-0146.00/US	Utility - ORG	Issued	AN ELECTRONIC PACKAGE THAT HAS A DIE COUPLED TO A LEAD FRAME BY A DIELECTRIC TAPE AND A HEAT SINK THAT PROVIDES BOTH AN ELECTRICAL AND A THERMAL PATH BETWEEN THE DIE AND THE LEAD FRAME	2/25/1994	08/201,895	8/22/1995	5,444,602	US
NMXX-0147.00/US	Utility - ORG	Issued	TAB TAPE	12/14/1993	08/167,531	12/5/1995	5,473,190	US
NMXX-0148.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR INTERFACING MEMORY DEVICES OPERATING AT DIFFERENT SPEEDS TO A COMPUTER SYSTEM BUS	2/28/1997	08/807,212	2/24/1998	5,721,882	US
NMXX-0149.00/US	Utility - CON	Issued	METHOD FOR SYNCHRONIZING CLOCKS UPON RESET	7/11/1994	08/272,879	4/23/1996	5,510,740	US
NMXX-0150.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR SENSING THE STATE OF FLOATING GATE MEMORY CELLS BY APPLYING A VARIABLE GATE VOLTAGE SYSTEM UTILIZING MULTIPLE ADDRESS DECODE RESOURCES AND DECODER RECEIVING ADDRESS DETERMINES ADDRESS CORRESPONDING TO RESOURCES BASED ON SELECT AND READY SIGNALS BY THAT PARTICULAR RESOURCE	9/29/1994	08/315,292	4/16/1996	5,508,958	US
NMXX-0151.00/US	Utility - CON	Issued	RECEIVING ADDRESS DETERMINES ADDRESS CORRESPONDING TO RESOURCES BASED ON SELECT AND READY SIGNALS BY THAT PARTICULAR RESOURCE	10/19/1995	08/545,374	9/16/1997	5,668,949	US
NMXX-0152.00/US	Utility - ORG	Issued	SINGLE STAGE SENSING APPARATUS FOR A CONTENT ADDRESSABLE MEMORY	3/11/1994	08/212,350	6/27/1996	5,428,565	US
NMXX-0153.00/US	Utility - ORG	Issued	THROTTLING CIRCUIT FOR A DATA TRANSFER SYSTEM DRIVER, COMPUTER-IMPLEMENTED PROCESS, AND COMPUTER SYSTEM FOR PROCESSING DATA USING LOADABLE MICROCODE RUNNING ON A PROGRAMMABLE PROCESSOR	9/15/1994	08/307,502	7/18/1995	5,434,892	US
NMXX-0154.00/US	Utility - ORG	Lapsed	DUAL ROW SELECTION USING MULTIPLEXED TRI-LEVEL DECODER	11/12/1993	08/152,348	4/23/1996	5,511,195	US
NMXX-0155.00/US	Utility - ORG	Issued	LOW IMPACT COLLISION DETECTION METHOD	9/30/1994	08/316,546	5/14/1996	5,517,138	US
NMXX-0156.00/US	Utility - ORG	Issued	ENCODING AND DECODING VIDEO SIGNALS USING ADAPTIVE FILTER SWITCHING CRITERIA	3/23/1994	08/216,668	10/31/1995	5,463,658	US
NMXX-0157.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR DECODING AND RECODING OF ADDRESSES	6/29/1994	08/268,270	1/30/1996	5,488,570	US
NMXX-0158.00/US	Utility - CON	Issued	LEAD FRAME AND SEMICONDUCTOR DEVICE USING SAME	12/5/1995	08/567,405	3/11/1997	5,611,054	US
NMXX-0159.00/US	Utility - ORG	Issued	LEAD FRAME AND SEMICONDUCTOR DEVICE USING SAME	12/9/1991	07/803,724	8/17/1993	5,237,202	US
NMXX-0159.01/US	Utility - CON	Issued	CACHE MEMORY UTILIZING PSEUDO-STATIC FOUR TRANSISTOR MEMORY CELL	12/3/1992	07/984,841	3/1/1994	5,291,060	US
NMXX-0160.00/US	Utility - ORG	Issued	LOW CAPACITANCE CONTENT-ADDRESSABLE MEMORY CELL	6/1/1994	08/252,320	12/12/1995	5,475,633	US
NMXX-0161.00/US	Utility - ORG	Issued	BIT MAP ADDRESSING SCHEMES FOR FLASH MEMORY	6/15/1994	08/260,044	2/6/1996	5,490,102	US
NMXX-0162.00/US	Utility - ORG	Issued	FLASH MEMORY INCLUDING A MODE REGISTER FOR INDICATING SYNCHRONOUS OR ASYNCHRONOUS MODE OF OPERATION	6/21/1994	08/253,902	3/5/1996	5,497,354	US
NMXX-0163.00/US	Utility - CON	Issued	SYNCHRONOUS INTERFACE FOR A NONVOLATILE MEMORY	6/18/1997	08/897,499	2/15/2000	6,026,465	US
NMXX-0163.01/US	Utility - CON	Issued	PIPELINED READ ARCHITECTURE FOR MEMORY	6/14/2000	09/595,327	5/13/2003	6,564,285	US
NMXX-0164.00/US	Utility - CON	Issued	PIPELINED READ ARCHITECTURE FOR MEMORY	12/20/1995	08/575,339	1/7/1997	5,592,435	US
NMXX-0164.01/US	Utility - DIV	Issued	SYNCHRONOUS ADDRESS LATCHING FOR MEMORY ARRAYS	9/18/1996	08/724,270	11/4/1997	5,684,752	US
NMXX-0165.00/US	Utility - ORG	Issued	METHOD FOR PRECONDITIONING A NONVOLATILE MEMORY ARRAY	6/3/1994	08/253,842	3/5/1996	5,497,355	US
NMXX-0166.00/US	Utility - ORG	Issued	FAST INTERNAL REFERENCE CELL TRIMMING FOR FLASH EEPROM MEMORY	6/27/1994	08/266,132	7/16/1996	5,537,357	US
NMXX-0167.00/US	Utility - CON	Issued	FAST INTERNAL REFERENCE CELL TRIMMING FOR FLASH EEPROM MEMORY	1/31/1996	08/594,415	3/4/1997	5,606,679	US
NMXX-0167.01/US	Utility - CON	Issued	IC SOCKET PERMITTING CHECKING CONNECTED STATE BETWEEN IC SOCKET AND PRINTED WIRING BOARD	2/9/1996	08/599,123	3/4/1997	5,608,669	US
NMXX-0168.00/US	Utility - ORG	Issued	IC SOCKET PERMITTING CHECKING CONNECTED STATE BETWEEN IC SOCKET AND PRINTED WIRING BOARD	11/18/1994	08/342,379	9/23/1997	5,669,783	US

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PATENT

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App. No.	Matter Type	Matter Status	Title	Filed Date	Serial No.	Issue Date	Patent No.	Country
NMXXI-0168.01/US	Utility - DIV	Issued	IC SOCKET AND METHOD OF CHECKING CONNECTED STATE BETWEEN IC SOCKET AND PRINTED WIRING BOARD	3/20/1996	08/618,686	12/23/1997	5,699,612	US
NMXXI-0169.00/US	Utility - ORG	Issued	DISPLAYING CALLER IDENTIFICATION INFORMATION IN A COMPUTER SYSTEM	6/29/1994	08/268,265	8/13/1996	5,546,447	US
NMXXI-0170.00/US	Utility - ORG	Issued	PARALLEL FLEXIBLE TRANSMISSION CABLE	6/27/1994	08/266,150	9/17/1996	5,557,075	US
NMXXI-0171.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR INTERACTIVE BUILT-IN-SELF-TESTING WITH USER-PROGRAMMABLE TEST PATTERNS	8/15/1995	08/698,465	5/30/2000	6,070,252	US
NMXXI-0172.00/US	Utility - ORG	Issued	PROGRAMMABLE HIGH WATERMARK IN STACK FRAME CACHE USING SECOND REGION AS A STORAGE IF FIRST REGION IS FULL AND AN EVENT HAVING A PREDETERMINED MINIMUM PRIORITY	9/28/1994	08/314,418	6/3/1997	5,636,362	US
NMXXI-0173.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROVIDING AN ULTRA LOW POWER REGULATED NEGATIVE CHARGE PUMP	3/23/1994	08/217,095	7/2/1996	5,532,915	US
NMXXI-0175.00/US	Utility - ORG	Expired	HEAD DRUM GROUND SYSTEM FOR USE IN A VIDEO CASSETTE RECORDER	1/5/1989	08/294,529	6/16/1992	5,123,097	US
NMXXI-0176.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR COOPERATIVE MESSAGING	4/18/1995	08/423,306	4/15/1997	5,621,798	US
NMXXI-0177.00/US	Utility - CON	Issued	METHOD AND DATA STORAGE SYSTEM FOR STRING DATA IN BLOCKS WITHOUT FILE REALLOCATION BEFORE ERASURE	3/17/1997	08/819,688	9/15/1998	5,809,558	US
NMXXI-0178.00/US	Utility - ORG	Issued	DRAIN BIAS MULTIPLEXING FOR MULTIPLE BIT FLASH CELL	6/2/1994	08/252,684	1/16/1996	5,488,422	US
NMXXI-0179.00/US	Utility - ORG	Issued	I/O CONNECTOR FOR ADD IN PRINTED CIRCUIT CARDS FOR COMPUTER SYSTEMS	7/15/1994	08/275,599	12/19/1995	5,477,418	US
NMXXI-0180.00/US	Utility - ORG	Issued	POWER VALIDATION TOOL FOR MICROPROCESSOR SYSTEMS	10/19/1994	08/325,879	6/11/1996	5,525,913	US
NMXXI-0181.00/US	Utility - ORG	Issued	CLOCKING SCHEME FOR LATCHING OF A DOMINO OUTPUT	1/4/1995	08/368,335	9/26/1995	5,453,708	US
NMXXI-0182.00/US	Utility - ORG	Issued	ERROR MANAGEMENT PROCESSES FOR FLASH EEPROM MEMORY ARRAYS	12/27/1994	08/364,546	12/12/1995	5,475,693	US
NMXXI-0183.00/US	Utility - CON	Issued	POLYSILICON POLISH FOR PATTERNING IMPROVEMENT	9/2/1997	08/944,041	6/8/1999	5,911,111	US
NMXXI-0184.00/US	Utility - CON	Issued	COMPUTER SYSTEM WITH A MEMORY IDENTIFICATION SCHEME	5/7/1996	08/643,990	2/18/1997	5,604,880	US
NMXXI-0185.00/US	Utility - CIR	Issued	PROCESS, APPARATUS AND SYSTEM FOR SELECTING QUANTIZATION LEVELS FOR ENCODING VIDEO SIGNALS	4/28/1994	08/234,978	7/2/1996	5,532,940	US
NMXXI-0186.00/US	Utility - CIR	Issued	PROCESS, APPARATUS AND SYSTEM FOR TRANSFORMING SIGNALS USING PSEUDO SIMD PROCESSING	4/28/1994	08/234,976	9/24/1996	5,559,722	US
NMXXI-0187.00/US	Utility - ORG	Issued	TEST FLOW ASSURANCE USING MEMORY IMPRINTING	9/27/1994	08/312,831	7/23/1996	5,538,141	US
NMXXI-0187.01/US	Utility - DIV	Issued	APPARATUS AND SEMICONDUCTOR COMPONENT FOR ASSURING TEST FLOW COMPLIANCE	2/2/1996	08/595,796	2/18/1997	5,603,412	US
NMXXI-0188.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR ROUTING IN REDUCED SWITCH MATRICES TO PROVIDE ONE HUNDRED PERCENT COVERAGE	7/25/1994	08/279,954	11/5/1996	5,572,198	US
NMXXI-0189.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR PREVENTING OVER-ERASURE OF FLASH EEPROM MEMORY DEVICES	6/28/1994	08/267,472	2/6/1996	5,490,109	US
NMXXI-0190.00/US	Utility - ORG	Issued	HI-JACK HINGED CONNECTION ADAPTER FOR INPUT/OUTPUT CARDS	11/1/1994	08/333,139	6/10/1997	5,637,018	US
NMXXI-0190.01/US	Utility - CON	Issued	HI-JACK HINGED CONNECTION ADAPTER FOR INPUT/OUTPUT CARDS	9/30/1996	08/724,625	7/7/1998	5,775,951	US
NMXXI-0191.00/US	Utility - ORG	Issued	RENDERING AN INTER VERSUS INTRA VIDEO ENCODING DECISION BASED UPON A VERTICAL GRADIENT MEASURE OF TARGET VIDEO FRAMES	9/8/1994	08/302,595	2/4/1997	5,600,375	US
NMXXI-0192.00/US	Utility - CON	Issued	DATA CONSISTENCY ACROSS A BUS TRANSACTIONS THAT IMPOSE ORDERING CONSTRAINTS	6/19/1997	08/878,660	11/3/1998	5,832,241	US

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## Exhibit A - US Applications and Issued Patents

WI-Do No	Mater Type	Mater Status	Title	Filing Date	Serial No	Issue Date	Patent No	Country
NMXI-0193.00/US	Utility - ORG	Issued	PHOTOLITHOGRAPHY METHOD USING COHERENCE DISTANCE CONTROL	6/30/1995	08/497,321	9/1/1998	5,801,821	US
NMXI-0193.02/US	Utility - DIV	Issued	PHOTOLITHOGRAPHY METHOD USING COHERENCE DISTANCE CONTROL	10/31/1997	08/962,138	8/31/1999	5,966,079	US
NMXI-0193.02/US	Utility - DIV	Abandoned	PHOTOLITHOGRAPHY METHOD USING COHERENCE DISTANCE CONTROL	9/16/1998	09/156,272			US
NMXI-0194.00/US	Utility - ORG	Issued	LOW LOAD HOST/PCI BUS BRIDGE METHOD AND APPARATUS FOR PROVIDING PROCESSOR FIELD UPGRADABILITY TO A MOTHERBOARD	12/19/1994	08/358,359	4/14/1998	5,740,385	US
NMXI-0195.00/US	Utility - CON	Issued	LOW POWER VOLTAGE DETECTOR CIRCUIT INCLUDING A FLASH MEMORY CELL	7/31/1996	08/691,859	7/1/1997	5,643,000	US
NMXI-0196.00/US	Utility - ORG	Issued	SELECTING AN INTEGRATED CIRCUIT FROM DIFFERENT INTEGRATED CIRCUIT ARRAY CONFIGURATIONS	10/19/1994	08/326,689	2/27/1996	5,485,453	US
NMXI-0197.00/US	Utility - CON	Issued	HORIZONTALLY SCALING IMAGE SIGNALS USING DIGITAL DIFFERENTIAL ACCUMULATOR PROCESSING	11/28/1997	08/978,998	2/2/1999	5,867,721	US
NMXI-0198.00/US	Utility - CON	Issued	VERTICALLY SCALING IMAGE SIGNALS USING DIGITAL DIFFERENTIAL ACCUMULATOR PROCESSING	6/3/1994	08/254,364	7/21/1998	5,784,045	US
NMXI-0199.00/US	Utility - CON	Issued	HORIZONTALLY SCALING A IMAGE SIGNALS USING SELECTED WEIGHT FACTORS	6/3/1994	08/253,737	12/2/1997	5,694,149	US
NMXI-0200.00/US	Utility - CON	Issued	RUN-LENGTH ENCODING SEQUENCE FOR VIDEO SIGNALS	6/3/1994	08/253,374	5/19/1998	5,754,162	US
NMXI-0201.00/US	Utility - ORG	Issued	FOUR WIRE MODEM SIGNAL SWITCHING FOR VOICE AND DATA APPLICATIONS	10/26/1994	08/329,524	9/3/1996	5,552,832	US
NMXI-0202.00/US	Utility - ORG	Issued	PORTABLE DISK DRIVE CARRIER AND CHASSIS	3/24/1995	08/410,212	2/11/1997	5,602,902	US
NMXI-0203.01/US	Utility - CON	Issued	METHOD AND APPARATUS FOR DETECTING AND SELECTING VOLTAGE SUPPLIES FOR FLASH MEMORY	12/29/1995	08/580,489	12/31/1996	5,588,728	US
NMXI-0204.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR DETECTING AND SELECTING VOLTAGE SUPPLIES FOR FLASH MEMORY	10/19/1994	08/326,702			US
NMXI-0204.01/US	Utility - CON	Issued	CPU-CYCLE STEALING FOR MULTI-TASKING OPERATING SYSTEM	12/19/1995	08/575,177	9/2/1997	5,663,918	US
NMXI-0205.00/US	Utility - CON	Abandoned	APPARATUS AND METHOD FOR SELECTING A TAP RANGE IN A DIGITAL DELAY LINE	9/23/1997	08/935,742	1/4/2000	6,012,082	US
NMXI-0206.00/US	Utility - ORG	Issued	ALGORITHMIC ARRAY MAPPING TO DECREASE DEFECT SENSITIVITY OF MEMORY DEVICES	3/30/1995	08/413,951	7/16/1996	5,537,069	US
NMXI-0207.00/US	Utility - ORG	Issued	VARIABLE STAGE CHARGE PUMP	3/29/1995	08/412,555	8/24/1999	5,943,693	US
NMXI-0208.00/US	Utility - ORG	Issued	VARIABLE STAGE CHARGE PUMP	9/29/1995	08/537,233	2/11/1997	5,602,794	US
NMXI-0208.01/US	Utility - DIV	Issued	VARIABLE STAGE CHARGE PUMP	10/3/1996	08/720,943	6/16/1998	5,767,735	US
NMXI-0208.02/US	Utility - DIV	Issued	VARIABLE STAGE CHARGE PUMP	10/3/1996	08/720,876	3/24/1998	5,732,039	US
NMXI-0208.03/US	Utility - DIV	Issued	VARIABLE STAGE CHARGE PUMP	10/4/1996	08/720,944	7/14/1998	5,781,473	US
NMXI-0209.00/US	Utility - ORG	Issued	POWER SUPPLY CONFIGURED SENSING SCHEME FOR FLASH EEPROM	5/25/1995	08/451,037	11/5/1996	5,572,465	US
NMXI-0210.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR ENDPOINT DETECTION IN A CHEMICAL/MECHANICAL PROCESS FOR POLISHING A SUBSTRATE	11/30/1994	08/347,813	1/21/1997	5,595,526	US
NMXI-0211.00/US	Utility - ORG	Issued	DECODING VARIABLE-LENGTH ENCODED SIGNALS	10/26/1994	08/329,340	12/31/1996	5,589,829	US
NMXI-0212.00/US	Utility - ORG	Issued	ENCODING VIDEO SIGNALS USING SELECTIVE PRE FILTERING	10/31/1994	08/332,583	9/17/1996	5,557,330	US
NMXI-0213.00/US	Utility - ORG	Issued	ENCODING VIDEO SIGNALS USING LOCAL QUANTIZATION LEVELS	10/18/1994	08/324,923	9/1/1998	5,802,213	US
NMXI-0214.00/US	Utility - CON	Issued	LOW CURRENT REDUCED AREA PROGRAMMING VOLTAGE DETECTOR FOR FLASH MEMORY	2/27/1996	08/607,521	1/14/1997	5,594,360	US
NMXI-0215.00/US	Utility - CON	Issued	LOW POWER PULSE GENERATOR FOR SMART VOLTAGE FLASH EEPROM	12/11/1996	08/764,666	9/29/1997	5,671,179	US

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MTI-Debitno	Matter Type	Matter Status	Title	File Date	Serial No	Issue Date	Patent No	Country
NMXXI-0216.00/US	Utility - ORG	Issued	SMART BATTERY PROVIDING BATTERY LIFE AND RECHARGE TIME PREDICTION	12/15/1994	08/356,505	10/15/1996	5,565,759	US
NMXXI-0217.00/US	Utility - CON	Abandoned	DEBUGGER FOR DEBUGGING TASKS IN AN OPERATING SYSTEM VIRTUAL DEVICE DRIVER	11/8/1996	08/748,551	3/30/1999	5,899,988	US
NMXXI-0218.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR COMPENSATING FOR SUBTHRESHOLD CURRENT IN A STATIC RAM	3/14/1995	08/403,407	5/14/1996	5,517,452	US
NMXXI-0219.00/US	Utility - ORG	Issued	MEMORY UNIT WITH BIT LINE DISCHARGER	5/5/1995	08/437,090	5/6/1997	5,627,788	US
NMXXI-0220.00/US	Utility - ORG	Issued	A BRANCH PREDICTOR USING MULTIPLE PREDICTION HEURISTICS AND A HEURISTIC IDENTIFIER IN THE BRANCH INSTRUCTION	4/28/1995	08/431,016	11/11/1997	5,687,360	US
NMXXI-0221.00/US	Utility - CON	Issued	INTEGRATED CIRCUIT ASSEMBLY PREVENTING INTRUSIONS INTO ELECTRONIC CIRCUITRY	8/25/1997	08/917,988	6/2/1998	5,761,054	US
NMXXI-0221.01/US	Utility - CON	Issued	A METHOD TO PREVENT INTRUSIONS INTO ELECTRONIC CIRCUITRY	1/20/1998	09/008,968	8/27/2002	6,438,825	US
NMXXI-0222.00/US	Utility - ORG	Issued	PACKAGE HOUSING MULTIPLE SEMICONDUCTOR DIES	3/13/1995	08/402,933	2/17/1998	5,719,436	US
NMXXI-0222.01/US	Utility - DIV	Issued	PACKAGE HOUSING MULTIPLE SEMICONDUCTOR DIES	1/21/1997	08/781,358	8/11/1998	5,793,101	US
NMXXI-0223.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR ACCOMMODATING DIFFERENT ISSUE WIDTH IMPLEMENTATIONS OF VLIW ARCHITECTURES	9/20/1995	08/530,076	12/8/1998	5,848,288	US
NMXXI-0224.01/US	Utility - CON	Issued	NEGATIVE VOLTAGE SWITCHING CIRCUIT	9/30/1996	08/723,666	12/23/1997	5,701,272	US
NMXXI-0225.00/US	Utility - CIR	Issued	USE OF RSSI INDICATION FOR IMPROVED DATA TRANSMISSION OVER AMPS NETWORK	3/31/1995	08/414,914	3/18/1997	5,612,991	US
NMXXI-0225.01/US	Utility - CON	Issued	USE OF RSSI INDICATION FOR IMPROVED DATA TRANSMISSION OVER AMPS NETWORK	3/19/1997	08/820,129	6/6/2000	6,073,030	US
NMXXI-0226.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR ELIMINATING VISUAL ARTIFACTS CAUSED BY DIFFUSING ERRORS IN A DECMATED VIDEO SIGNAL	1/21/1996	08/582,200	7/7/1998	5,777,624	US
NMXXI-0227.00/US	Utility - CON	Issued	INTELLIGENT START FOR MOTION ESTIMATION SEARCH	5/12/1997	08/854,770	10/6/1998	5,813,969	US
NMXXI-0228.00/US	Utility - ORG	Issued	INSTRUCTION DEPENDENCY CHAIN IDENTIFIER	9/6/1995	08/524,065	1/20/1998	5,710,902	US
NMXXI-0229.00/US	Utility - DIV	Issued	METHOD AND APPARATUS FOR SCRUBBING THE BOND PADS OF AN INTEGRATED CIRCUIT DURING WAFER SORT	6/13/1997	08/874,821	6/1/1999	5,909,121	US
NMXXI-0229.01/US	Utility - DIV	Issued	METHOD AND APPARATUS FOR CLEANING A TEST PROBE	6/13/1997	08/874,388	10/5/1999	5,961,728	US
NMXXI-0230.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR IMPROVING POWER UP TIME OF FLASH EEPROM MEMORY ARRAYS	6/2/1995	08/458,805	6/17/1997	5,640,083	US
NMXXI-0231.00/US	Utility - CON	Issued	MEMORY ARRAYS WITH INTEGRATED BIT LINE VOLTAGE STABILIZATION CIRCUITRY	8/8/1997	08/907,754	12/1/1998	5,844,852	US
NMXXI-0232.00/US	Utility - ORG	Issued	APPARATUS AND METHOD FOR COMPUTATION OF STICKY BIT IN A MULTI-STAGE SHIFTER USED FOR FLOATING POINT ARITHMETIC	6/28/1996	08/672,678	6/23/1998	5,771,183	US
NMXXI-0233.00/US	Utility - ORG	Issued	LOW POWER PROGRAMMABLE LOGIC ARRAYS	8/15/1995	08/515,248	11/19/1996	5,576,636	US
NMXXI-0234.00/US	Utility - ORG	Abandoned	BLOCKING HOST INPUT WHILE A REMOTE GUEST HAS INPUT CONTROL TO A HOST-EXECUTED SHARED APPLICATION	12/1/1995	08/565,953	12/21/1999	6,006,282	US
NMXXI-0235.00/US	Utility - ORG	Issued	NO HANDLE ZIP SOCKET	11/13/1995	08/558,032	2/11/1997	5,602,719	US
NMXXI-0236.00/US	Utility - CON	Issued	NEGATIVE VOLTAGE SWITCH ARCHITECTURE FOR A NONVOLATILE MEMORY	7/18/1997	08/895,613	11/2/1999	5,978,263	US
NMXXI-0237.00/US	Utility - ORG	Issued	METHODS AND APPARATUS FOR CORRELATING STUCK-AT FAULT TEST COVERAGE AND CURRENT LEAKAGE FAULT TEST COVERAGE	9/29/1995	08/536,112	1/27/1998	5,712,857	US
NMXXI-0238.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR CONNECTING A TELEPHONE TO A VOICE CAPABLE MODEM	4/9/1997	08/831,578	6/16/1998	5,768,351	US
NMXXI-0239.00/US	Utility - ORG	Issued	MULTI-LAYERED CONTACTING FOR SECURING INTEGRATED CIRCUITS	12/20/1995	08/575,295	10/20/1998	5,824,571	US

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MT-Deck#	Material#	Material#	Title	Filedate	Serial#	IssueDate	Patent#	Country
NMXXI-0240.00/US	Utility - ORG	Issued	CIRCUIT FOR DETECTING WHEN A SUPPLY OUTPUT VOLTAGE EXCEEDS A PREDETERMINED LEVEL	9/29/1995	08/536,853	2/11/1997	5,602,502	US
NMXXI-0241.00/US	Utility - ORG	Issued	METHOD AND APPARATUS TO IMPROVE LATENCY EXPERIENCED BY AN AGENT UNDER A ROUND ROBIN ARBITRATION SCHEME	9/15/1995	08/528,914	6/17/1997	5,640,519	US
NMXXI-0242.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR CONVERTING A FIVE WIRE ARBITRATION/BUFFER MANAGEMENT PROTOCOL INTO A TWO WIRE PROTOCOL	12/31/1996	08/775,807	6/29/1999	5,918,025	US
NMXXI-0243.00/US	Utility - ORG	Issued	PLA ARCHITECTURE HAVING IMPROVED CLOCK SIGNAL TO OUTPUT TIMING USING A TYPE-I DOMINO AND PLANE	12/27/1995	08/579,095	1/27/1998	5,712,578	US
NMXXI-0244.00/US	Utility - ORG	Issued	MULTIPLE INTAKE DUCT MICROPROCESSOR COOLING SYSTEM	12/27/1995	08/578,984	11/25/1997	5,691,883	US
NMXXI-0245.00/US	Utility - ORG	Issued	FAST FLOATING-POINT TO INTEGER CONVERSION	9/29/1995	08/537,260	6/9/1998	5,764,548	US
NMXXI-0246.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROVIDING IMPROVED DIAGNOSTIC FUNCTIONS IN A COMPUTER SYSTEM	7/1/1996	08/672,983	9/10/2002	6,449,735	US
NMXXI-0247.00/US	Utility - ORG	Issued	LOCKING POWER CABLE INTERFACE GUARD	12/11/1995	08/570,239	4/7/1998	5,735,701	US
NMXXI-0248.00/US	Utility - ORG	Issued	SYSTEM AND METHOD FOR PROGRAMMING PROGRAMMABLE ELECTRONIC COMPONENTS USING BOARD-LEVEL AUTOMATED TEST EQUIPMENT	11/3/1995	08/533,017	8/11/1998	5,794,007	US
NMXXI-0249.00/US	Utility - ORG	Issued	MULTI-PLEXER HAVING A PLURALITY OF INTERNAL DATA PATHS THAT OPERATE AT DIFFERENT SPEEDS	9/27/1995	08/534,485	4/29/1997	5,625,303	US
NMXXI-0250.00/US	Utility - ORG	Issued	CLEANING STEP WHICH IMPROVES ELECTROMIGRATION PERFORMANCE OF INTERLAYER CONNECTION IN INTEGRATED CIRCUITS	3/29/1996	08/623,672	5/18/1999	5,904,560	US
NMXXI-0252.00/US	Utility - ORG	Issued	REORDER BUFFER WITH INTERLEAVING MECHANISM FOR ACCESSING A MULTI-PORTER CIRCULAR MEMORY ARRAY	12/27/1995	08/578,964	7/28/1998	5,787,454	US
NMXXI-0253.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROTECTING DATA STORED IN FLASH MEMORY	12/29/1995	08/578,175	1/14/1997	5,594,686	US
NMXXI-0254.00/US	Utility - CON	Issued	RECESSED OR RAISED CHARACTERS ON A CERAMIC LID	4/7/1997	08/835,228	6/29/1999	5,917,239	US
NMXXI-0255.00/US	Utility - ORG	Issued	CONNECTOR WITH ATTACHABLE DAUGHTER CARD RETENTION SYSTEM	1/8/1996	08/584,330	7/21/1998	5,784,263	US
NMXXI-0256.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR FAST SELF-DESTRUCTION OF A CMOS INTEGRATED CIRCUIT	12/29/1995	08/581,436	4/7/1998	5,736,777	US
NMXXI-0257.00/US	Utility - ORG	Issued	ANCHOR PROVISIONS TO PREVENT MOLD DELAMINATION IN AN OVERMOLDED PLASTIC ARRAY PACKAGE	4/3/1996	08/627,058	6/30/1998	5,773,895	US
NMXXI-0258.00/US	Utility - ORG	Issued	SLOW SPEED DRIVER WITH CONTROLLED SLEW RATE	6/28/1996	08/672,412	5/26/1998	5,757,217	US
NMXXI-0259.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR TESTING A MEMORY WHERE DATA IS PASSED THROUGH THE MEMORY FOR COMPARISON WITH DATE READ FROM THE MEMORY	12/20/1995	08/576,705	1/7/1997	5,592,425	US
NMXXI-0259.01/US	Utility - DIV	Issued	MEMORY BYPASS MODE	9/10/1996	08/707,925	3/18/1997	5,612,916	US
NMXXI-0260.00/US	Utility - ORG	Issued	METHOD FOR VERIFYING CONTIGUITY OF A BINARY TRANSLATED BLOCK OF INSTRUCTIONS BY ATTACHING A COMPARE AND/OR BRANCH INSTRUCTION TO PREDECESSOR BLOCK OF INSTRUCTIONS	8/7/1996	08/689,357	2/24/1998	5,721,927	US
NMXXI-0261.00/US	Utility - ORG	Issued	RANDOM NUMBER GENERATOR	5/15/1996	08/648,553	1/6/1998	5,706,218	US
NMXXI-0262.00/US	Utility - ORG	Issued	TABLE-DRIVEN BI-DIRECTIONAL MOTION ESTIMATION USING SCRATCH AREA AND OFFSET VALUES	3/7/1996	08/610,582	7/7/1998	5,778,097	US
NMXXI-0263.00/US	Utility - ORG	Issued	MULTIVOLTAGE KEYED ELECTRICAL CONNECTOR	6/28/1996	08/672,643	6/27/2000	6,080,022	US
NMXXI-0264.00/US	Utility - ORG	Issued	ETCH PROCESS TO PRODUCE ROUNDED TOP CORNERS FOR SUB MICRON SILICON TRENCH APPLICATIONS	12/31/1996	08/775,573	12/1/1998	5,843,846	US

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NMXXI-#	Applicant	Material Type	Market Status	Title	Filed Date	Granted	Issued Date	Patent No.	Country
NMXXI-0265.00/US	Utility - ORG	Issued	CIRCUIT BOARD RETENTION SYSTEM	6/18/1996	08/656,405	3/10/1998	5,726,865	US	
NMXXI-0266.00/US	Utility - ORG	Issued	APPARATUS AND METHOD FOR CONTROLLING THE TEMPERATURE OF AN INTEGRATED CIRCUIT UNDER TEST	6/18/1996	08/668,045	12/8/1998	5,847,366	US	
NMXXI-0267.00/US	Utility - ORG	Issued	CLADDING OF AN INTERCONNECT FOR IMPROVED ELECTROMIGRATION PERFORMANCE	6/28/1996	08/673,277	6/1/1999	5,909,535	US	
NMXXI-0268.00/US	Utility - CON	Issued	MEMORY TEST MODE FOR WORLDRUNE RESISTIVE DEFECTS	2/23/1998	09/030,522	7/4/2000	6,085,341	US	
NMXXI-0269.00/US	Utility - ORG	Issued	A SYSTEM AND METHOD FOR ENSURING INTEGRITY OF AUDIO	10/25/1996	08/738,086	8/31/1999	5,946,396	US	
NMXXI-0270.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR TRACKING ERASE CYCLES UTILIZING ACTIVE AND INACTIVE WEAR BAR BLOCKS HAVING FIRST AND SECOND COUNT FIELDS	12/20/1996	08/770,958	10/5/1999	5,963,970	US	
NMXXI-0271.00/US	Utility - ORG	Issued	COMPARATOR UTILIZING REDUNDANCY	7/17/1996	08/682,108	3/9/1999	5,881,076	US	
NMXXI-0272.00/US	Utility - ORG	Issued	METHOD FOR EXTRACTING A RESISTOR NETWORK FROM AN INTEGRATED CIRCUIT POLYGON LAYOUT	7/12/1996	08/679,197	8/24/1999	5,943,487	US	
NMXXI-0273.00/US	Utility - ORG	Abandoned	LEAKAGE TRACKING DEVICE SAMPLE FOR IDDQ MEASUREMENT AND DEFECT RESOLUTION	9/27/1996	08/721,685	3/30/1999	5,889,409	US	
NMXXI-0274.00/US	Utility - ORG	Abandoned	DELTA IDDQ TESTING	6/27/1996	08/670,545	3/30/1999	5,889,408	US	
NMXXI-0274.01/US	Utility - DIV	Issued	METHOD TO PERFORM IDDQ TESTING IN THE PRESENCE OF HIGH BACKGROUND LEAKAGE CURRENT	9/29/1998	09/162,912	5/29/2001	6,239,605	US	
NMXXI-0274.02/US	Utility - DIV	Issued	METHOD TO PERFORM IDDQ TESTING IN THE PRESENCE OF HIGH BACKGROUND LEAKAGE CURRENT	9/29/1998	09/163,592	5/29/2001	6,239,606	US	
NMXXI-0275.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR DETECTING THE VOLTAGE ON THE VCC PIN	9/30/1996	08/723,270	10/13/1998	5,822,246	US	
NMXXI-0276.00/US	Utility - ORG	Issued	METHOD FOR IMPROVED DATA RETENTION IN A NONVOLATILE WRITABLE MEMORY BY SENSING AND REPROGRAMMING CELL VOLTAGE LEVELS	12/20/1996	08/771,445	11/10/1998	5,835,413	US	
NMXXI-0277.00/US	Utility - ORG	Issued	A SENSE AMPLIFIER COMPRISING A PREAMPLIFIER AND A DIFFERENTIAL INPUT LATCH FOR FLASH MEMORIES	9/16/1997	08/934,247	10/26/1999	5,973,957	US	
NMXXI-0278.00/US	Utility - ORG	Issued	NEURAL-FLASH ANALOG-TO-DIGITAL CONVERTER USING WEIGHTED CURRENT SIMULATION	2/26/1999	09/259,650	3/6/2001	6,198,421	US	
NMXXI-0279.00/US	Utility - ORG	Issued	DATA SPECULATABLE PROCESSOR HAVING REPLAY ARCHITECTURE	11/13/1996	08/746,547	10/12/1999	5,966,544	US	
NMXXI-0280.00/US	Utility - ORG	Issued	APPARATUS FOR PROTECTING GATE ELECTRODES OF TARGET TRANSISTORS IN THE GATE ARRAY FROM GATE CHARGING BY EMPLOYING FREE TRANSISTORS	6/28/1996	08/672,411	8/11/1998	5,793,069	US	
NMXXI-0280.01/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROTECTING GATE ELECTRODES OF TARGET TRANSISTORS IN THE GATE ARRAY	2/17/1998	09/024,830	9/5/2000	6,113,648	US	
NMXXI-0281.00/US	Utility - ORG	Issued	FREE TRANSISTORS IN THE GATE ARRAY	8/12/1996	08/700,613	8/18/1998	5,796,282	US	
NMXXI-0282.00/US	Utility - ORG	Issued	LATCHING MECHANISM FOR PULSED DOWNING LOGIC WITH INHERENT RACE MARGIN AND TIME BORROWING	12/31/1996	08/775,796	4/27/1999	5,898,610	US	
NMXXI-0283.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR BIT CELL GROUND CHOKING FOR IMPROVED MEMORY WRITE MARGIN	9/26/1996	08/721,268	9/8/1998	5,804,771	US	
NMXXI-0283.01/US	Utility - DIV	Issued	ORGANIC SUBSTRATE (PCB) SLIP PLANE "STRESS DEFLECTOR" FOR FLIP CHIP DEVICES	2/27/1998	09/032,628	1/16/2001	6,173,489	US	
NMXXI-0284.00/US	Utility - ORG	Issued	PROGESS FOR FORMING AN INTEGRATED STRUCTURE COMPRISING A SELF-ALIGNED VIA/CONTACT AND INTERCONNECT	10/31/1996	08/739,879	3/30/1999	5,888,897	US	
NMXXI-0285.00/US	Utility - ORG	Issued	CIRCUIT BOARD RETENTION SYSTEM	8/16/1996	08/689,698	6/24/1997	5,642,263	US	

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WI-DOctNo	MatterType	MatterStatus	Title	Filed	SerialNo	IssuedDate	PatentNo	Country
NMXXI-0286.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR THE NON-INVASIVE TESTING OF PRINTED CIRCUIT BOARD ASSEMBLIES	9/19/1996	08/715,857	9/1/1998	5,802,074	US
NMXXI-0287.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR DYNAMIC LOCATION AND CONTROL OF PROCESSOR RESOURCES TO INCREASE RESOLUTION OF DATA DEPENDENCY STALLS	1/8/1997	08/780,675	6/29/1999	5,918,033	US
NMXXI-0288.00/US	Utility - ORG	Issued	PACKAGING MULTIPLE DIES ON A BALL GRID ARRAY SUBSTRATE	3/25/1997	08/822,743	9/29/1998	5,815,372	US
NMXXI-0289.00/US	Utility - ORG	Issued	KEY MANAGEMENT SYSTEM FOR DVD COPYRIGHT MANAGEMENT	11/5/1996	08/740,976	6/22/1999	5,915,018	US
NMXXI-0290.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR GUIDED TOURING OF INTERNET/INTRANET WEBSITES	7/22/1996	08/685,952	9/15/1998	5,809,247	US
NMXXI-0291.00/US	Utility - ORG	Issued	INTEGRATED CIRCUIT PACKAGE	9/9/1996	08/708,857	2/29/2000	6,031,283	US
NMXXI-0292.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR MOUNTING A VERY LARGE SCALE INTEGRATION (VLSI) CHIP TO A COMPUTER CHASSIS FOR COOLING	12/31/1996	08/777,604	11/2/1999	5,978,228	US
NMXXI-0293.00/US	Utility - ORG	Issued	METHOD FOR PERFORMING COMMON SUBEXPRESSION ELIMINATION ON A RACK-N-STATIC SINGLE ASSIGNMENT LANGUAGE	4/1/1997	08/829,856	12/14/1999	6,002,879	US
NMXXI-0294.00/US	Utility - ORG	Issued	METHOD FOR USING STATIC SINGLE ASSIGNMENT TO COLOR OUT ARTIFICIAL REGISTER DEPENDENCIES	4/1/1997	08/831,739	1/18/2000	6,016,398	US
NMXXI-0295.00/US	Utility - ORG	Issued	PICKUP CHUCK WITH AN INTEGRAL HEATSIK	12/30/1997	09/000,981	2/1/2000	6,019,166	US
NMXXI-0296.00/US	Utility - ORG	Issued	PRODUCTION PRINTED CIRCUIT BOARD (PCB) EDGE CONNECTOR TEST CONNECTOR	12/18/1996	08/768,961	8/18/1998	5,795,172	US
NMXXI-0297.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR PERFORMING BLOCK BASED FREQUENCY DOMAIN FILTERING	12/19/1996	08/772,016			US
NMXXI-0298.00/US	Utility - CIP	Issued	METHOD AND APPARATUS FOR VERIFYING THE INSTALLATION OF STRAPPING DEVICES ON A CIRCUIT BOARD ASSEMBLY	1/2/1997	08/778,305	8/18/1998	5,796,639	US
NMXXI-0299.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR FACILITATING DETECTION OF SOLDER OPENS OF SMT COMPONENTS	10/30/1996	08/741,053	10/12/1999	5,966,020	US
NMXXI-0300.00/US	Utility - ORG	Issued	METHOD FOR CALIBRATING A DIGITAL CAMERA TO A PC MONITOR TO ENHANCE PICTURE QUALITY OF A PICTURE CAPTURED BY THE DIGITAL CAMERA AND DISPLAYED ON THE PC MONITOR	1/23/1997	08/787,865	6/29/1999	5,918,192	US
NMXXI-0301.00/US	Utility - ORG	Issued	AN OUT-OF-ORDER SUPERSCALAR MICROPROCESSOR WITH A REMAINING DEVICE THAT MAPS INSTRUCTIONS FROM MEMORY TO REGISTERS	12/30/1996	08/774,659	11/17/1998	5,838,941	US
NMXXI-0301.01/US	Utility - CON	Abandoned	ADVANCED REGISTER REMAINING SYSTEM FOR IMPROVED INSTRUCTION LEVEL PARALLELISM	7/24/1998	09/422,270			US
NMXXI-0302.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR SCALING IMAGE DATA	2/11/1997	08/799,654			US
NMXXI-0303.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR CONTROLLING A CHARGE PUMP FOR RAPID INITIALIZATION	12/17/1996	08/768,297	3/9/1999	5,880,622	US
NMXXI-0304.00/US	Utility - ORG	Issued	APPARATUS FOR PERFORMING A USER REQUESTED RESET DURING ALGORITHM EXECUTION	12/31/1996	08/778,015	4/25/2000	6,055,614	US
NMXXI-0305.00/RE	Utility - REIS	Issued	BLOCK LOCKING APPARATUS FOR FLASH MEMORY	2/3/1997	10/094,056	3/7/2000	RE42,551	US
NMXXI-0305.00/US	Utility - ORG	Issued	BLOCK LOCKING APPARATUS FOR FLASH MEMORY	2/3/1997	08/794,283	3/7/2000	6,035,401	US
NMXXI-0306.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR DISTRIBUTION OF BROADCAST DATA	12/20/1996	08/771,709	3/30/1999	5,889,950	US
NMXXI-0307.00/US	Utility - ORG	Issued	DYNAMIC COMMUNICATION PATH SELECTION FOR DATA TRANSMISSION BETWEEN COMPUTERS	4/28/1997	08/848,554	8/15/2000	6,104,720	US
NMXXI-0308.00/US	Utility - ORG	Issued	FIDUCIAL FOR ALIGNING AN INTEGRATED CIRCUIT DIE	12/20/1996	08/771,275	8/24/1999	5,942,805	US

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MTI-DKING	Material Type	Material Status	Title	Filed Date	Serial No.	Issue Date	Patent No.	Country
NMXXI-0308.00/US	Utility - DIV	Issued	A METHOD OF FORMING A FIDUCIAL FOR ALIGNING AN INTEGRATED CIRCUIT DIE	11/26/1997	08/978,535	12/14/1999	6,001,703	US
NMXXI-0309.00/US	Utility - ORG	Issued	BRANCH INSTRUCTION HANDLING IN A SELF-TIMED MARKING SYSTEM	12/31/1996	08/801,508	11/16/1999	5,987,504	US
NMXXI-0310.00/US	Utility - ORG	Issued	DYNAMICALLY CONTROLLING THE NUMBER OF BOUNDARY-SCAN CELLS IN A BOUNDARY-SCAN PATH	5/22/1997	08/862,006	6/16/1998	5,766,289	US
NMXXI-0311.00/US	Utility - ORG	Issued	SELF-CONTAINING INPUT BUFFER ON FLASH MEMORIES	4/11/1997	08/834,029	9/30/2003	6,628,552	US
NMXXI-0312.00/US	Utility - ORG	Issued	SELF-CONFIGURING OUTPUT BUFFER ON FLASH MEMORIES	4/11/1997	08/834,032	5/11/1999	5,903,500	US
NMXXI-0313.00/US	Utility - ORG	Issued	SELF-CONFIGURING INTERFACE ARCHITECTURE ON FLASH MEMORIES	4/11/1997	08/834,026	8/3/1999	5,933,026	US
NMXXI-0314.00/US	Utility - ORG	Issued	VARIABLE LOADING APPARATUS FOR OUTPUT LOADING OF INTEGRATED CIRCUITS	6/13/1997	08/874,496	5/4/1999	5,900,770	US
NMXXI-0315.00/US	Utility - ORG	Issued	COMPUTER PACKAGE WITH A POLYGONAL SHAPED MOTHERBOARD	9/19/1997	08/933,405	5/11/1999	5,908,432	US
NMXXI-0316.00/US	Utility - ORG	Issued	MERGING DUMMY STRUCTURE REPRESENTATIONS FOR IMPROVED DISTRIBUTION OF ARTIFACTS IN A SEMICONDUCTOR LAYER	9/30/1997	08/941,599	6/27/2000	6,081,272	US
NMXXI-0317.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR CONNECTING EXPANSION BUSES TO A PERIPHERAL COMPONENT INTERCONNECT BUS	1/2/1997	08/778,192	9/14/1999	5,951,667	US
NMXXI-0318.00/US	Utility - ORG	Issued	EFFICIENT SELF-TIMED MARKING OF LENGTH VARIABLE LENGTH INSTRUCTIONS	12/23/1997	08/997,461	8/24/1999	5,941,982	US
NMXXI-0319.00/US	Utility - ORG	Issued	APPARATUS AND METHOD FOR SELF-TIMED MARKING OF VARIABLE LENGTH INSTRUCTIONS HAVING LENGTH-AFFECTING PREFIX BYTES	12/23/1997	08/997,462	9/7/1999	5,948,096	US
NMXXI-0320.00/US	Utility - ORG	Issued	BRANCH INSTRUCTION HANDLING IN A SELF-TIMED MARKING SYSTEM	12/23/1997	08/996,756	8/3/1999	5,931,944	US
NMXXI-0321.00/US	Utility - ORG	Issued	EMPOWERING A LOCK-UP SERVICE AND A CALLEE CONNECTION SERVICE TO ESTABLISH A NETWORK PHONE CALL BETWEEN A CALLER AND A CALLEE	3/31/1997	08/829,608	2/20/2001	6,192,044	US
NMXXI-0322.00/US	Utility - ORG	Issued	ANTI-THEFT MECHANISM FOR MOBILE COMPUTERS	9/9/1997	08/927,370	11/21/2000	6,151,678	US
NMXXI-0323.00/US	Utility - ORG	Issued	PERIPHERAL DEVICE PREVENTING POST-SCAN MODIFICATION	3/31/1997	08/829,594	7/20/1999	5,926,550	US
NMXXI-0324.00/US	Utility - ORG	Issued	UNIQUE CHEMICAL MECHANICAL PLANARIZATION APPROACH WHICH UTILIZES MAGNETIC SLURRY FOR POLISH AND MAGNETIC FIELDS FOR PROCESS CONTROL	12/31/1997	09/001,509	7/4/2000	6,083,839	US
NMXXI-0324.00/US	Utility - ORG	Issued	UNIQUE CHEMICAL MECHANICAL PLANARIZATION APPROACH WHICH UTILIZES MAGNETIC SLURRY FOR POLISH AND MAGNETIC FIELDS FOR PROCESS CONTROL	7/13/1999	09/352,634	9/4/2001	6,284,091	US
NMXXI-0325.00/US	Utility - ORG	Issued	MULTI-LAYER CODER/DECODER FOR PRODUCING QUANTIZATION ERROR SIGNAL SAMPLES	11/5/1997	08/965,637	9/21/2004	6,795,501	US
NMXXI-0326.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR FINDING LOOP_LEVER PARALLELISM IN A POINTER BASED APPLICATION	1/13/1998	09/006,276	8/7/2001	6,272,676	US
NMXXI-0327.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR USING PUNCTION CONTEXT TO IMPROVE BRANCH PREDICTION	9/22/1997	08/934,964	10/12/1999	5,964,870	US
NMXXI-0328.00/US	Utility - ORG	Issued	FAST BICMOS ACTIVE-PIXEL SENSOR CELL WITH FAST NPIN EMITTER-FOLLOWER READOUT	1/6/1998	09/003,477	10/2/2001	6,297,492	US
NMXXI-0329.00/US	Utility - CIP	Issued	STATIC, HIGH-SENSITIVITY, FUSE-BASED STORAGE CELL CIRCUIT AND METHOD FOR CONTROLLING POWER AND PERFORMANCE BASED ON OPERATING ENVIRONMENT	12/31/1997	09/002,174	9/28/1999	5,959,445	US
NMXXI-0330.00/US	Utility - CON	Issued		5/7/1999	09/307,324	7/29/2003	6,601,179	US

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MTI-Defno	Matter-Type	Matter-Status	Title	Pub-Date	Serial-#	Issued-Date	Patent-#	Country
NMXI-0331.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR SEARCHING A MASS STORAGE MEDIUM	11/6/1997	08/965,592			US
NMXI-0332.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR AUTOMATICALLY DETERMINING AND DYNAMICALLY UPDATING USER PREFERENCES IN AN ENTERTAINMENT SYSTEM	5/30/1997	08/866,707	8/31/1999	5,945,988	US
NMXI-0333.00/US	Utility - ORG	Issued	PLGA TEST HANDLER THROW MEASURING UNIT	2/9/1998	09/020,661	9/7/1999	5,948,960	US
NMXI-0334.00/US	Utility - ORG	Issued	TECHNIQUE FOR PERFORMING DMA INCLUDING ARBITRATION BETWEEN A CHAINED LOW PRIORITY DMA AND HIGH PRIORITY DMA OCCURRING BETWEEN TWO LINKS IN THE CHAINED LOW PRIORITY	2/10/1998	09/021,688	8/22/2000	6,108,743	US
NMXI-0335.00/US	Utility - ORG	Issued	THERMAL INTERFACE ATTACH MECHANISM FOR ELECTRICAL PACKAGES	12/15/1997	08/990,856	10/12/1999	5,965,997	US
NMXI-0336.00/US	Utility - ORG	Issued	METHOD AND APPARATUS EMPLOYING A DYNAMIC ENCRYPTION INTERFACE BETWEEN A PROCESSOR AND A MEMORY	9/29/1997	08/937,874	11/16/1999	5,987,572	US
NMXI-0337.00/US	Utility - ORG	Issued	VARIABLE DELAY CELL WITH A SELF-BIASING LOAD	1/14/1998	09/006,649	11/30/1999	5,994,939	US
NMXI-0338.00/US	Utility - ORG	Issued	ADVANCED NEAR IDEAL MIXER	12/4/1998	09/205,992	2/6/2001	6,184,739	US
NMXI-0339.00/US	Utility - ORG	Issued	COMPUTER SYSTEM INCLUDING RIGHT ANGLE PROCESSOR AND ADD-ON CARD CONNECTORS	9/24/1997	08/936,857	11/2/1999	5,978,873	US
NMXI-0340.00/US	Utility - ORG	Issued	SUPPLYING STANDBY VOLTAGE TO MEMORY AND WAKEUP CIRCUITRY TO WAKE A COMPUTER FROM A LOW POWER MODE	12/30/1997	09/001,102	10/23/2001	6,308,278	US
NMXI-0342.00/US	Utility - ORG	Issued	SUPPLYING STANDBY VOLTAGE TO MEMORY AND WAKEUP CIRCUITRY TO WAKE A COMPUTER FROM A LOW POWER MODE	1/15/1999	09/231,725	6/13/2000	6,075,751	US
NMXI-0343.00/US	Utility - ORG	Issued	LOW VOLTAGE PROGRAMMABLE COMPLEMENTARY INPUT STAGE SENSE AMPLIFIER	1/14/1998	09/006,770	4/18/2000	6,051,999	US
NMXI-0344.00/US	Utility - ORG	Issued	SYSTEM FOR SPECULATIVE BRANCH TARGET PREDICTION HAVING A DYNAMIC PREDICTION HISTORY BUFFER AND A STATIC PREDICTION HISTORY BUFFER	11/26/1997	08/979,579	11/2/1999	5,978,909	US
NMXI-0345.00/US	Utility - ORG	Issued	CIRCUIT AND METHOD FOR CONFIGURING AND REGISTERING A CRYPTOGRAPHIC DEVICE	9/30/1997	08/938,491	10/19/1999	5,970,147	US
NMXI-0346.00/US	Utility - ORG	Issued	QUAD FLAT PACK INTEGRATED CIRCUIT PACKAGE	12/4/1997	08/984,766	2/2/1999	5,867,367	US
NMXI-0346.01/US	Utility - CON	Issued	AD FLAT PACK INTEGRATED CIRCUIT PACKAGE	10/26/1998	09/179,016	9/7/1999	5,949,651	US
NMXI-0346.02/US	Utility - DIV	Issued	QUAD FLAT PACK INTEGRATED CIRCUIT PACKAGE	10/26/1998	09/179,125	11/2/1999	5,978,224	US
NMXI-0346.03/US	Utility - DIV	Issued	QUAD FLAT PACK INTEGRATED CIRCUIT PACKAGE	10/26/1998	09/179,014	7/3/2001	6,255,135	US
NMXI-0347.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR CHANGING THE FONT USED TO DISPLAY TEXT ENTERED INTO AN INFORMATION INPUT FIELD	12/30/1997	09/000,712			US
NMXI-0348.00/US	Utility - DIV	Issued	EFFICIENT COMPANDING ALGORITHM SUITABLE FOR COLOR IMAGING	1/13/2000	09/482,551	2/26/2002	6,351,555	US
NMXI-0349.00/US	Utility - ORG	Issued	A CHARGE PUMP AVOIDING GAIN DEGRADATION DUE TO THE BODY EFFECT	1/12/1998	09/005,560	5/15/2001	6,232,826	US
NMXI-0350.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR REDUCING THE POWER CONSUMPTION OF A VOLTAGE REGULATOR	9/3/1998	09/148,033	10/23/2001	6,307,395	US
NMXI-0351.00/US	Utility - ORG	Issued	OVERLAY COUNTER FOR ACCELERATED GRAPHICS PORT	1/30/1998	09/016,790	3/6/2001	6,199,149	US
NMXI-0352.00/US	Utility - ORG	Abandoned	PORTABLE DIGITAL PHOTOGRAPH VIEWER	1/7/1998	09/004,052			US
NMXI-0352.01/US	Utility - DIV	Abandoned	PORTABLE DIGITAL PHOTOGRAPH VIEWER	12/19/2002	10/324,692			US
NMXI-0353.00/US	Utility - ORG	Issued	PUMP SUPPLY SELF REGULATION FOR FLASH MEMORY CELL PAIR REFERENCE CIRCUIT	3/16/1998	09/040,523	8/31/1999	5,946,258	US

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PATENT

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MTI-Defacto	Matter Type	Matter Status	Title	Priority Date	Serial No.	Issue Date	Patent No.	Country
NMXXI-0354.00/US	Utility - ORG	Issued	HOT SHEAR APPARATUS AND METHOD FOR REMOVING A SEMICONDUCTOR CHIP FROM AN EXISTING PACKAGE	12/30/1997	09/001,021	2/29/2000	6,029,730	US
NMXXI-0355.00/US	Utility - ORG	Issued	ELECTRONIC CARTRIDGE WHICH ALLOWS DIFFERENTIAL THERMAL EXPANSION BETWEEN COMPONENTS OF THE CARTRIDGE	2/17/1998	09/024,860	4/13/1999	5,894,408	US
NMXXI-0356.00/US	Utility - ORG	Issued	INTERGATED PROCESSOR SUBSTRATE PROTECTIVE ENCLOSURE FOR USE IN DESKTOP PC SYSTEMS	2/17/1998	09/024,921	7/4/2000	6,084,773	US
NMXXI-0357.00/US	Utility - ORG	Issued	RETENTION MECHANISM ASSEMBLY FOR PROCESSOR CARTRIDGES WITH CAPTURED SCREW FASTENERS	6/16/1998	09/098,086	3/27/2001	6,208,527	US
NMXXI-0358.00/US	Utility - ORG	Issued	FAN DUCT MODULE	1/29/1998	09/015,423	10/10/2000	6,130,819	US
NMXXI-0359.00/US	Utility - ORG	Issued	REMOVEDLY MONITORING EXECUTION OF A PROGRAM	4/29/1998	09/069,527	7/25/2000	6,094,530	US
NMXXI-0360.00/US	Utility - ORG	Issued	CHASSIS FOR ELECTRONIC COMPONENTS	5/28/1998	09/085,779	10/12/1999	5,964,513	US
NMXXI-0360.01/US	Utility - DIV	Issued	CHASSIS FOR ELECTRONIC COMPONENTS	6/10/1999	09/329,425	2/15/2000	6,024,426	US
NMXXI-0360.02/US	Utility - DIV	Issued	CHASSIS FOR ELECTRONIC COMPONENTS	6/10/1999	09/329,426	2/22/2000	6,027,191	US
NMXXI-0361.00/US	Utility - ORG	Issued	CODEC WITH GENETIC ADAPTATION	4/30/1998	09/071,049	3/25/2003	6,539,386	US
NMXXI-0362.00/US	Utility - ORG	Issued	SELECTING DESIGN POINTS ON PARAMETER FUNCTIONS HAVING FIRST SUM OF CONSTRAINT SET AND SECOND SUM OF OPTIMIZING SET TO IMPROVE SECOND SUM WITHIN DESIGN CONSTRAINTS	9/4/1998	09/148,392	3/18/2008	7,346,479	US
NMXXI-0363.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR UPDATING A TIMER FROM MULTIPLE TIMING DOMAINS	6/26/1998	09/105,479	2/1/2000	6,021,505	US
NMXXI-0364.00/US	Utility - ORG	Issued	AUTOMATIC TRANSFER OF IMAGE INFORMATION BETWEEN IMAGING DEVICE AND HOST SYSTEM	1/7/1998	09/003,732	7/3/2001	6,256,059	US
NMXXI-0365.00/US	Utility - ORG	Issued	SILICON WAFER TESTING RIG AND A METHOD FOR TESTING A SILICON WAFER WHEREIN THE SILICON WAFER IS BENT INTO A DOME SHAPE	5/29/1998	09/087,753	8/8/2000	6,100,709	US
NMXXI-0366.00/US	Utility - ORG	Issued	THIN OXIDES OF SILICON	7/29/1998	09/124,562	4/24/2001	6,221,789	US
NMXXI-0367.00/US	Utility - ORG	Issued	COMPUTER PROCESSOR WITH A REPLAY SYSTEM	6/30/1998	09/106,857	12/19/2000	6,163,838	US
NMXXI-0368.00/US	Utility - ORG	Issued	INTERFACE TO A MEMORY SYSTEM FOR A PROCESSOR HAVING A REPLAY SYSTEM	12/30/1999	09/475,029	12/16/2003	6,665,792	US
NMXXI-0368.01/US	Utility - CON	Issued	INTERFACE TO A MEMORY SYSTEM FOR A PROCESSOR HAVING A REPLAY SYSTEM	10/23/2003	10/690,634	8/8/2006	7,089,409	US
NMXXI-0369.00/US	Utility - ORG	Issued	HIGH SPEED ANALOG COMPENSATED INPUT BUFFER	1/23/1998	09/012,201	11/7/2000	6,144,218	US
NMXXI-0370.00/US	Utility - ORG	Abandoned	POSITION SENSITIVE DISPLAY CONTROLLER	5/14/1998	09/079,065	09/19/2000	6,163,838	US
NMXXI-0371.00/US	Utility - ORG	Issued	PARALLEL ACCESS TESTING OF A MEMORY ARRAY	5/28/1998	09/086,330	11/9/1999	5,982,684	US
NMXXI-0372.00/US	Utility - ORG	Issued	BUS PROTOCOL FOR ATOMIC TRANSACTIONS	1/26/1998	09/013,774	11/16/1999	5,987,552	US
NMXXI-0373.00/US	Utility - CON	Abandoned	METHOD AND SYSTEM FOR BRANCH TARGET PREDICTION USING PATH INFORMATION	3/31/2003	10/404,384			US
NMXXI-0374.00/US	Utility - ORG	Issued	UP-SAMPLING DECIAMATED COLOR PLANE DATA	12/7/1999	09/457,058	6/17/2003	6,580,837	US
NMXXI-0375.00/US	Utility - CIP	Issued	VOLTAGE BLOCKING METHOD AND APPARATUS FOR A CHARGE PUMP WITH DIODE CONNECTED PULL-UP AND PULL-DOWN ON BOOT NODES	12/30/1999	09/475,459	4/16/2002	6,373,324	US
NMXXI-0376.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR INCREASING VIDEO FRAME RATE	5/7/1998	09/074,556	2/20/2001	6,192,079	US
NMXXI-0378.00/US	Utility - CON	Issued	APPARATUS AND METHOD FOR IMAGER DEVICE COLOR CALIBRATION USING SPECTRAL LIGHT SOURCE	11/18/2005	11/283,375	6/3/2008	7,382,918	US
NMXXI-0379.00/US	Utility - ORG	Issued	MEMORY CARD WHICH IS THERMALLY CONTROLLED	1/5/1999	09/225,927	12/19/2000	6,163,474	US
NMXXI-0380.00/US	Utility - CON	Abandoned	INSTRUCTION PIPELINE INSTRUCTION QUEUE FOR INSTRUCTION REISSUE	6/19/2003	10/601,172			US
NMXXI-0381.00/US	Utility - ORG	Issued	CART FOR TRANSFERRING OBJECTS	6/26/1998	09/105,191	8/15/2000	6,102,647	US

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PATENT

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## Exhibit A - US Applications and Issued Patents

App No.	Material Type	Material Status	Title	Filed Date	Serial No.	Issue Date	Serial No.	Country
NMXXI-0382.00/US	Utility - ORG	Issued	METHOD AND APPARATUS OF RESOLVING A DEADLOCK BY COLLAPSING WRITEBACKS TO A MEMORY	12/9/1997	08/987,279	10/17/2000	6,134,635	US
NMXXI-0383.00/US	Utility - ORG	Issued	CORRECTING LENS DISTORTION	7/6/1998	09/110,805	12/14/1999	6,002,525	US
NMXXI-0384.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR DETERMINING A NEXT ADDRESS WITHIN A BINARY SEARCH ALGORITHM	12/28/1998	09/221,526	11/6/2001	6,314,506	US
NMXXI-0385.00/US	Utility - DIV	Abandoned	VOICE DRIVEN WIRELESS POINTER	10/13/2004	10/962,585			US
NMXXI-0386.00/US	Utility - ORG	Issued	SYSTEM AND METHOD FOR CONTROLLING AN ELECTRONIC DEVICE	2/18/1999	09/250,940	3/12/2008	7,342,512	US
NMXXI-0387.00/US	Utility - ORG	Issued	SYSTEM AND METHOD FOR AUTOMATICALLY IDENTIFYING AND ATTACHING RELATED DOCUMENTS	12/24/1998	09/220,910	11/13/2007	7,296,060	US
NMXXI-0388.00/US	Utility - ORG	Issued	TACTILE TRACKING SYSTEMS AND METHODS	12/18/1998	09/216,580	2/4/2003	6,515,586	US
NMXXI-0389.00/US	Utility - ORG	Issued	IMPLEMENTING MICRO BGA ASSEMBLY TECHNIQUES FOR SMALL DIE	9/24/1998	09/160,535	12/2/2003	6,655,022	US
NMXXI-0389.01/US	Utility - DIV	Issued	IMPLEMENTING MICRO BGA ASSEMBLY TECHNIQUES FOR SMALL DIE	8/30/1999	09/385,924	12/3/2002	6,489,557	US
NMXXI-0390.00/US	Utility - CIP	Issued	FAN DUCT MODULE	5/8/1998	09/074,951	5/16/2000	6,064,571	US
NMXXI-0390.01/US	Utility - CON	Issued	FAN DUCT MODULE	5/5/2000	09/566,185	4/22/2003	6,552,898	US
NMXXI-0391.00/US	Utility - ORG	Issued	CHEMICAL-MECHANICAL POLISHING SLURRY	12/1/1998	09/203,432	6/20/2000	6,077,397	US
NMXXI-0391.01/US	Utility - CON	Issued	CHEMICAL-MECHANICAL POLISHING SLURRY	2/15/2000	09/504,191	4/10/2001	6,214,098	US
NMXXI-0391.02/US	Utility - CON	Issued	CHEMICAL-MECHANICAL POLISHING SLURRY	11/27/2000	09/723,092	2/12/2002	6,346,144	US
NMXXI-0392.00/US	Utility - CON	Issued	SYSTEM FOR DATA DEPENDENT VOLTAGE BIAS LEVEL ARRANGEMENT AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK	3/3/2000	09/518,107	1/29/2002	6,342,848	US
NMXXI-0393.00/US	Utility - ORG	Issued	ARRANGEMENT AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK	12/31/1998	09/224,030	8/7/2001	6,272,540	US
NMXXI-0394.00/US	Utility - ORG	Issued	CYCLIC MULTICASTING OR ASYNCHRONOUS BROADCASTING OF COMPUTER FILES	12/17/1998	09/213,220	7/3/2001	6,256,673	US
NMXXI-0395.00/US	Utility - ORG	Issued	HOT PLUG CARTRIDGE ASSEMBLY	7/21/1999	09/358,373	2/27/2001	6,195,259	US
NMXXI-0396.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR THE GENERATION OF STATISTICALLY RANDOM NUMBERS	3/25/1999	09/276,366	4/16/2002	6,374,278	US
NMXXI-0397.00/US	Utility - ORG	Issued	SETTING THE COMMON MODE LEVEL OF A DIFFERENTIAL CHARGE PUMP OUTPUT	8/6/1999	09/370,622	2/6/2001	6,184,732	US
NMXXI-0397.01/US	Utility - DIV	Issued	METHOD AND APPARATUS FOR SETTING THE COMMON MODE LEVEL OF A DIFFERENTIAL OUTPUT	9/19/2000	09/665,339	7/3/2001	6,255,873	US
NMXXI-0398.00/US	Utility - ORG	Issued	COLOR INTERPOLATION FOR A FOUR COLOR MOSAIC PATTERN	11/24/1998	09/199,836	7/6/2004	6,759,646	US
NMXXI-0399.00/US	Utility - ORG	Issued	SMALL OUTLINE RAMBUS IN-LINE MEMORY MODULE	12/29/1998	09/221,804	5/9/2000	6,061,263	US
NMXXI-0399.01/US	Utility - CON	Issued	SMALL OUTLINE MEMORY MODULE	2/4/2000	09/499,084	10/24/2000	6,137,709	US
NMXXI-0400.00/US	Utility - ORG	Issued	ENABLING SOFTWARE DESIGNED FOR ONE OPERATING SYSTEM TO OPERATE ON ANOTHER OPERATING SYSTEM	10/8/1998	09/168,592	11/19/2002	6,484,309	US
NMXXI-0401.00/US	Utility - ORG	Issued	QUANTUM MAGNETIC MEMORY	12/23/1998	09/221,233	5/9/2000	6,061,265	US
NMXXI-0402.00/US	Utility - ORG	Issued	HOT PLUG STRUCTURE AND METHOD FOR ENGAGING/DISENGAGING PCI COMPLIANT CARD	12/31/1998	09/223,811	12/19/2000	6,162,073	US
NMXXI-0403.00/US	Utility - ORG	Issued	MAGNETIC INK ENCODING PEN	9/15/1999	09/396,407	3/27/2007	7,197,174	US
NMXXI-0404.00/US	Utility - ORG	Abandoned	CALIBRATING PROJECTION DISPLAYS	2/26/1999	09/258,060			US
NMXXI-0405.00/US	Utility - ORG	Abandoned	CORRECTING NON-UNIFORMITY IN DISPLAYS	2/26/1999	09/259,394			US
NMXXI-0406.00/US	Utility - DIV	Issued	CARRIER FOR DISK DRIVE HOT SWAPPING	12/3/2001	10/006,502	10/28/2003	6,637,719	US
NMXXI-0407.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR DUAL MODE OUTPUT BUFFER IMPEDANCE COMPENSATION	4/26/1999	09/299,771	12/26/2000	6,166,563	US
NMXXI-0408.00/US	Utility - ORG	Issued	METHOD FOR DIRECTING THE ROUTE OF A CELL TRANSMITTING A NETWORK	5/28/1999	09/322,152	11/29/2003	6,654,369	US

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App No.	App Title	App Type	Status	Pub No.	Pub Date	Pub Date	Pub No.	Pub Date	Pub No.	Pub Date	Pub No.	Pub Date
NMXI-0409.00/US	Flip-Flop Circuit	Utility - ORG	Issued	6/28/1999	09/340,417	1/30/2001	6,181,180	US				
NMXI-0410.00/US	METHOD AND APPARATUS FOR PERFORMING DISTRIBUTED SIMULATION UTILIZING A SIMULATION BACKPLANE	Utility - ORG	Issued	12/22/1999	09/470,875	1/15/2008	7,319,947	US				
NMXI-0411.00/US	METHOD AND APPARATUS TO SELECTIVELY ADVANCE A WRITE POINTER FOR A QUEUE BASED ON THE INDICATED VALIDITY OR INVALIDITY OF AN INSTRUCTION STORED WITHIN THE QUEUE	Utility - ORG	Issued	3/30/2000	09/539,734	12/12/2006	7,149,883	US				
NMXI-0412.00/US	METHOD AND APPARATUS FOR PROVIDING REDUNDANCY IN NON-VOLATILE MEMORY DEVICES	Utility - ORG	Issued	5/6/1999	09/306,322	6/6/2000	6,072,723	US				
NMXI-0413.00/US	METHOD FOR MOTION COMPENSATED FRAME RATE UPSAMPLING BASED ON PIECEWISE AFFINE WARPING	Utility - ORG	Issued	4/21/1999	09/296,451	8/20/2002	6,438,275	US				
NMXI-0414.00/US	FLUORINE DOPED SiO2 FILM AND METHOD OF FABRICATION	Utility - DIV	Abandoned	3/24/2003	10/396,659	3/2/2004	6,700,209	US				
NMXI-0415.00/US	PARTIAL UNDERFILL FOR FLIP-CHIP ELECTRONIC PACKAGES	Utility - ORG	Issued	12/29/1999	09/474,746	4/2/2002	6,365,441	US				
NMXI-0415.01/US	PARTIAL UNDERFILL FOR FLIP-CHIP ELECTRONIC PACKAGES	Utility - DIV	Issued	10/23/2000	09/694,802	11/21/2000	6,151,229	US				
NMXI-0416.00/US	CHARGE PUMP WITH GATED PUMPED OUTPUT DIODE AT INTERMEDIATE STAGE	Utility - ORG	Issued	6/30/1999	09/346,483	9/18/2001	6,292,048	US				
NMXI-0417.00/US	GATE ENHANCEMENT CHARGE PUMP FOR LOW VOLTAGE POWER SUPPLY	Utility - ORG	Issued	11/11/1999	09/438,186	11/11/2003	6,646,991	US				
NMXI-0418.00/US	MULTI-LINK EXTENSIONS AND BUNDLE SKEW MANAGEMENT	Utility - ORG	Issued	12/22/1999	09/470,189	2/3/2004	6,687,840	US				
NMXI-0418.01/US	MULTI-LINK EXTENSIONS AND BUNDLE SKEW MANAGEMENT	Utility - CIP	Issued	4/21/2000	09/557,099	7/1/2008	7,394,766	US				
NMXI-0418.02/US	MULTI-LINK EXTENSIONS AND BUNDLE SKEW MANAGEMENT	Utility - CON	Issued	9/2/2003	10/654,252	4/17/2007	7,206,955	US				
NMXI-0418.03/US	BUNDLE SKEW MANAGEMENT AND CELL SYNCHRONIZATION	Utility - CON	Issued	12/23/2003	10/745,903	4/20/2004	6,724,442	US				
NMXI-0419.00/US	OPTICALLY SWITCHABLE INFRARED DETECTOR	Utility - ORG	Issued	3/26/1999	09/277,637	09/26/2009	7,539,850	US				
NMXI-0420.00/US	CONTROLLED COLLAPSE CHIP CONNECTION (CC) INTEGRATED CIRCUIT PACKAGE WHICH HAS TWO DISSIPILAR UNDERFILL MATERIALS	Utility - ORG	Abandoned	3/3/1999	09/261,849	11/28/2006	7,141,448	US				
NMXI-0420.01/US	CONTROLLED COLLAPSE CHIP CONNECTION (CC) INTEGRATED CIRCUIT PACKAGE WHICH HAS TWO DISSIPILAR UNDERFILL MATERIALS	Utility - DIV	Issued	6/5/2001	09/874,666	9/30/2003	6,629,271	US				
NMXI-0421.00/US	TECHNIQUE FOR SYNCHRONIZING FAULTS IN A PROCESSOR HAVING A REPLAY SYSTEM	Utility - ORG	Issued	12/28/1999	09/472,839	1/2/2007	7,159,154	US				
NMXI-0421.01/US	TECHNIQUE FOR SYNCHRONIZING FAULTS IN A PROCESSOR HAVING A REPLAY SYSTEM	Utility - CON	Issued	7/8/2003	10/614,215	5/26/2009	7,539,850	US				
NMXI-0422.00/US	ENHANCED VIRTUAL REMAINING SCHEME AND DEADLOCK PREVENTION THEREFOR	Utility - CON	Issued	1/27/2003	10/351,444	12/26/2006	7,155,599	US				
NMXI-0423.00/US	METHOD AND APPARATUS FOR RECOVERY OF PHYSICAL REGISTERS DURING A MISREPLICATION CONDITION	Utility - ORG	Issued	12/29/2000	09/750,095	09/7/49,405	5,802,674	US				
NMXI-0424.00/US	METHOD AND APPARATUS FOR PREDICTING BRANCHES USING A META PREDICTOR	Utility - ORG	Pending	12/28/2000	09/749,405	2/9/1998	5,185,763	US				
NMXI-0425.00/US	FIBRE METERING ARRANGEMENT	Utility - ORG	Issued	11/13/1995	08/849,031	2/9/1993	6,748,118	US				
NMXI-0426.00/US	DATA BIT TO CONSTELLATION SYMBOL MAPPER	Utility - ORG	Expired	4/9/1991	07/683,359	6/8/2004	6,172,540	US				
NMXI-0427.00/US	METHOD OF QUANTIZING SIGNAL SAMPLES OF AN IMAGE DURING SAME CLOCK DOMAINS	Utility - ORG	Issued	2/18/2000	09/507,399	1/9/2001	6,846,737	US				
NMXI-0428.00/US	APPARATUS FOR FAST LOGIC TRANSFER OF DATA ACROSS ASYNCHRONOUS CLOCK DOMAINS	Utility - ORG	Issued	8/16/1999	09/374,798	1/25/2005	6,846,737	US				
NMXI-0429.00/US	PLASMA INDUCED DEPLETION OF FLUORINE FROM SURFACES OF FLUORINATED LOW-K DIELECTRIC MATERIALS	Utility - ORG	Issued	8/15/2000	09/639,625	1/25/2005	6,846,737	US				

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Int. Design	Matter Type	Matter Status	Title	Filed Date	Serial No.	Issued Date	Patent No.	Country
NMXI-0429.00/US	Utility - DIV	Issued	PLASMA INDUCED DEPLETION OF FLUORINE FROM SURFACES OF FLUORINATED LOW-K DIELECTRIC MATERIALS	1/15/2002	10/050,463	7/15/2003	6,599,650	US
NMXI-0430.00/US	Utility - ORG	Abandoned	TRANSMITTING DATA AND COMMANDS OVER A BUS	7/6/1999	09/350,269			US
NMXI-0431.00/US	Utility - DIV	Issued	A SYSTEM PROCESSING DATA PACKETS RECEIVED FROM REMOTE HOST TO CONTROL SYSTEM OPERATION ACCORDING TO ADJUSTABLE TIMER	2/9/2006	11/351,991	4/10/2007	7,203,767	US
NMXI-0431.01/US	Utility - DIV	Issued	INTERUPTS BASED ON DATA FLOW RATE					
NMXI-0432.00/US	Utility - ORG	Issued	A HOST COMPUTER USING BASIC INPUT AND OUTPUT SYSTEM TO PROCESS CONTROL COMMAND RECEIVED FROM A REMOTE COMPUTER ACCORDING TO TIMER INTERRUPTS	2/9/2006	11/351,934	3/25/2008	7,349,991	US
NMXI-0432.01/US	Utility - ORG	Issued	ELASTIC BUFFER	11/1/1999	09/432,050	7/15/2003	6,594,329	US
NMXI-0433.00/US	Utility - ORG	Issued	JABBER COUNTER MECHANISM FOR ELASTIC BUFFER OPERATION	2/9/2000	09/500,524	2/21/2006	7,003,059	US
NMXI-0433.01/US	Utility - ORG	Issued	MICROSCOPE WITH INFRARED IMAGING	7/30/1999	09/364,142	4/25/2000	6,055,095	US
NMXI-0434.00/US	Utility - CON	Abandoned	MICROSCOPE WITH INFRARED IMAGING	3/14/2000	09/524,701			US
NMXI-0435.00/US	Utility - ORG	Pending	AUTOMATICALLY RECORDING VIDEO	9/30/1999	09/409,522			US
NMXI-0435.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR TRANSFERRING WAFER CASSETTES IN MICROELECTRONIC MANUFACTURING ENVIRONMENT	10/1/1999	09/410,400	4/2/2002	6,364,331	US
NMXI-0436.00/US	Utility - ORG	Issued	PIXEL SPAN DEPTH BUFFER	11/18/1999	09/442,663	12/24/2002	6,498,605	US
NMXI-0437.00/US	Utility - ORG	Issued	FIELD FRAME MOTION DESIGN FOR DIGITAL VIDEO DECODER	12/29/1999	09/474,183	5/6/2003	6,560,286	US
NMXI-0438.00/US	Utility - ORG	Issued	VOLTAGE TOLERANT HIGH DRIVE PULL-UP DRIVER FOR AN I/O BUFFER	12/29/1999	09/474,566	5/14/2002	6,388,475	US
NMXI-0439.00/US	Utility - ORG	Abandoned	OBSCURING VIDEO SIGNALS FOR CONDITIONAL ACCESS	2/29/2000	09/515,556			US
NMXI-0440.00/US	Utility - ORG	Issued	METHOD OF COMPRESSING A COLOR IMAGE	10/1/1999	09/411,697	9/28/2004	6,798,901	US
NMXI-0441.00/US	Utility - ORG	Issued	STEREOSCOPIC IMAGE SENSOR	9/10/1999	09/393,757	8/22/2000	6,108,130	US
NMXI-0442.00/US	Utility - ORG	Abandoned	CONTROLLING PROCESSOR-BASED SYSTEMS USING A DIGITAL CAMERA	10/29/1999	09/430,282	6/12/2007	7,231,083	US
NMXI-0443.00/US	Utility - ORG	Issued	EXECUTING A TRANSLATED BLOCK OF INSTRUCTIONS AND BRANCHING TO CORRECTION CODE WHEN EXPECTED TOP OF STACK DOES NOT MATCH ACTUAL TOP OF STACK TO ADJUST STACK AT EXECUTION TIME TO CONTINUE EXECUTING WITHOUT RESTARTING TRANSLATING	9/29/2000	09/676,175	3/4/2008	7,340,592	US
NMXI-0444.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR ADAPTIVE HIERARCHICAL VISIBILITY IN A TILED THREE-DIMENSIONAL GRAPHICS ARCHITECTURE	11/2/1999	09/432,134	2/25/2003	6,525,726	US
NMXI-0445.00/US	Utility - ORG	Issued	SELF-TUNING AMPLIFIER	11/5/1999	09/434,250	7/31/2001	6,268,774	US
NMXI-0446.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR RAPID INITIALIZATION OF CHARGE PUMP CIRCUITS	9/27/1999	09/406,329	7/3/2001	6,255,896	US
NMXI-0447.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR UNLOCKING A COMPUTER SYSTEM HARD DRIVE	11/24/2001	10/002,541	2/14/2006	7,000,109	US
NMXI-0448.00/US	Utility - ORG	Issued	REAL-TIME PERFORMANCE ASSESSMENT OF LARGE AREA NETWORK USER EXPERIENCE	12/23/1999	09/471,964	4/21/2009	7,523,190	US
NMXI-0450.00/US	Utility - ORG	Expired	METHOD AND APPARATUS FOR IDENTIFYING SPEECH IN TELEPHONE SIGNALS	5/15/1989	07/351,785	12/18/1990	4,979,214	US
NMXI-0450.00/US	Utility - ORG	Expired	METHOD AND APPARATUS FOR FREQUENCY ANALYSIS OF TELEPHONE SIGNALS	5/15/1989	07/351,393	6/5/1990	4,933,062	US
NMXI-0451.00/US	Utility - ORG	Expired	CONVERTER FOR IN-BAND ROUTING AND/OR ORIGINATOR INFORMATION	10/31/1989	07/429,849	9/3/1991	5,046,088	US
NMXI-0452.00/US	Utility - ORG	Expired	AUTOMATIC CALL CENTER OVERFLOW RETRIEVAL SYSTEM	11/13/1990	07/612,572	2/9/1993	5,185,786	US

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Application No.	Matter Type	Material Status	Title	Filing Date	Serial No.	Issue Date	Patent No.	Country
NMXI-0453.00/US	Utility - ORG	Expired	DIAL PULSE DIGIT DETECTOR	3/7/1991	07/655,970	6/8/1993	5,218,636	US
NMXI-0454.00/US	Utility - ORG	Issued	OUTCALLING APPARATUS	3/1/1993	08/024,402	4/4/1995	5,404,400	US
NMXI-0455.00/US	Utility - ORG	Issued	RING TONE DETECTION FOR A TELEPHONE SYSTEM	4/12/1994	08/226,678	8/15/1995	5,442,694	US
NMXI-0456.00/US	Utility - CON	Issued	VOICE DETECTION	8/22/1995	08/524,111	6/10/1997	5,638,436	US
NMXI-0457.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR ASSIGNING MEMORY SPACE ADDRESSES TO MEMORY ON COMPUTER INTERFACE BOARDS	1/27/1994	08/188,555	4/28/1998	5,745,786	US
NMXI-0458.00/US	Utility - ORG	Issued	TECHNIQUE OF CONTROLLING TELEPHONE CALLS	1/31/1996	08/594,411	9/15/1998	5,809,110	US
NMXI-0459.00/US	Utility - ORG	Issued	CALL PROCESSING USING PREVIOUSLY OBTAINED LINE CHARACTERISTICS	10/6/1994	08/319,159	6/9/1998	5,764,759	US
NMXI-0460.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR DETERMINING DIGITS DIALED USING A SELECTED ALGORITHM	6/4/1997	08/828,000	3/9/1999	5,881,146	US
NMXI-0461.00/US	Utility - ORG	Issued	TELEPHONE NETWORK WITH NORMALLY OFF HOOK TELEPHONES	1/30/1996	08/594,016	6/15/1999	5,912,950	US
NMXI-0462.00/PR	Prov - ORG	Expired	ANTENNA INTERFACE	6/2/1999	60/135,467			US
NMXI-0462.00/US	Utility - ORG	Issued	ANTENNA INTERFACE	3/16/2000	09/527,314	5/11/2004	6,735,418	US
NMXI-0463.00/US	Utility - ORG	Issued	HASH-CAM HAVING A REDUCED WIDTH COMPARISON CIRCUITRY AND ITS APPLICATION	12/21/1999	09/468,477	12/30/2003	6,671,771	US
NMXI-0464.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR MAINTAINING ORDER IN A PIPELINED PROCESS AND ITS APPLICATION	12/21/1999	09/468,965	6/22/2004	6,754,764	US
NMXI-0465.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR SWITCHING AN OPTICAL BEAM	12/22/1999	09/470,574	11/18/2003	6,650,802	US
NMXI-0466.00/US	Utility - CON	Issued	PRESBYOPIC BRANCH TARGET PREFETCH METHOD AND APPARATUS	4/2/2004	10/817,263	4/7/2009	7,516,312	US
NMXI-0467.00/US	Utility - ORG	Issued	METHODS AND APPARATUS FOR FAST ARGUMENT REDUCTION IN A COMPUTING SYSTEM	6/30/2000	09/609,496	4/29/2008	7,366,748	US
NMXI-0468.00/US	Utility - ORG	Issued	SHIFTING AN INPUT SIGNAL FROM A HIGH-SPEED DOMAIN TO A LOWER-SPEED DOMAIN	12/29/1999	09/474,750	12/23/2003	6,668,298	US
NMXI-0468.01/US	Utility - CON	Abandoned	SHIFTING AN INPUT SIGNAL FROM A HIGH-SPEED DOMAIN TO A LOWER-SPEED DOMAIN	12/23/2003	10/743,397			US
NMXI-0469.00/US	Utility - ORG	Issued	TRIMMING SURFACES	3/31/2000	09/539,343	2/20/2007	7,180,523	US
NMXI-0470.00/US	Utility - ORG	Issued	ACCESSING FILE DATA STORED IN NON-VOLATILE RE-PROGRAMMABLE SEMICONDUCTOR MEMORIES	4/12/2000	09/547,624	5/25/2004	6,741,978	US
NMXI-0471.00/US	Utility - ORG	Abandoned	SYSTEM AND METHOD FOR STALLING A DISPLAY CONTROLLER UPON REQUEST	1/7/2000	09/478,994			US
NMXI-0472.00/US	Utility - ORG	Issued	USER TRANSPARENT CONTINUOUS COMPILATION	6/30/2000	09/608,616	7/3/2007	7,240,342	US
NMXI-0473.00/US	Utility - ORG	Issued	EMULATING NARROW BAND PHASE-LOCKED LOOP BEHAVIOR ON A WIDE BAND PHASE-LOCKED LOOP	3/4/1997	09/526,794	6/10/2003	6,577,695	US
NMXI-0474.00/PR	Prov - ORG	Expired	A SINGLE-CHIP CMOS DIRECT-CONVERSION TRANSCIVER	9/10/1998	60/099,773			US
NMXI-0474.00/US	Utility - ORG	Issued	SINGLE-CHIP CMOS DIRECT-CONVERSION TRANSCIVER	11/20/2001	09/762,720	6/20/2006	7,065,327	US
NMXI-0475.00/US	Utility - ORG	Issued	METHOD AND APPARATUS TO IMPROVE THE PROTECTION OF INFORMATION PRESENTED BY A COMPUTER	9/20/2000	09/665,826	2/28/2006	7,007,304	US
NMXI-0476.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR HARDWARE AND SOFTWARE CO-SIMULATION	1/31/2000	09/495,150	9/12/2006	7,107,202	US
NMXI-0477.00/US	Utility - CON	Issued	MEMORY CONTROLLER HUB INTERFACE	7/6/2005	11/174,662	2/5/2008	7,327,370	US
NMXI-0478.00/US	Utility - ORG	Issued	INDUCTIVE CHARGE PUMP CIRCUIT FOR PROVIDING VOLTAGES USEFUL FOR FLASH MEMORY AND OTHER APPLICATIONS	6/30/2000	09/607,483	10/22/2002	6,469,482	US
NMXI-0478.01/US	Utility - DIV	Issued	MEMORY CIRCUIT INCLUDING BOOSTER PUMP FOR PROGRAMMING VOLTAGE GENERATION	6/17/2002	10/174,193	6/1/2004	6,744,669	US
NMXI-0479.00/US	Utility - CON	Issued	METHOD FOR REDUCING POWER CONSUMPTION IN WAIT-MODE	12/13/1999	09/458,715	4/29/2003	6,556,128	US

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MT-DateNo	MaterType	MaterStatus	Title	FiledDate	SerialNo	IssueDate	PatentNo	Country
NMXI-0480.00/US	Utility - ORG	Issued	METHOD AND DEVICE FOR QUANTIZING THE INPUT TO SOFT DECODERS	6/15/1998	09/103,683	4/4/2000	6,047,035	US
NMXI-0481.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR BRANCH TRACE MESSAGE SCHEME	2/14/2000	09/503,879	11/11/2003	6,647,545	US
NMXI-0482.00/US	Utility - ORG	Issued	DEVICE TO RECEIVE, BUFFER, AND TRANSMIT PACKETS OF DATA IN A PACKET SWITCHING NETWORK	6/26/2000	09/603,957	8/17/2004	6,778,548	US
NMXI-0482.01/US	Utility - DIV	Issued	DEVICE TO RECEIVE, BUFFER, AND TRANSMIT PACKETS OF DATA IN A PACKET SWITCHING NETWORK	1/20/2004	10/761,394	4/1/2008	7,352,763	US
NMXI-0482.02/US	Utility - DIV	Abandoned	DEVICE TO RECEIVE, BUFFER, AND TRANSMIT PACKETS OF DATA IN A PACKET SWITCHING NETWORK	1/20/2004	10/761,395			US
NMXI-0482.03/US	Utility - CON	Issued	DEVICE TO RECEIVE, BUFFER, AND TRANSMIT PACKETS OF DATA IN A PACKET SWITCHING NETWORK	5/10/2004	10/842,752	11/11/2008	7,450,583	US
NMXI-0483.00/US	Utility - ORG	Issued	METHOD OF INVERSE QUANTIZED SIGNAL SAMPLES OF AN IMAGE DURING IMAGE DECOMPRESSION	2/18/2000	09/507,213	11/1/2005	6,961,472	US
NMXI-0484.00/US	Utility - ORG	Issued	SHARED CREDIT ROUND ROBIN QUEUING	3/21/2000	09/541,048	1/27/2004	6,683,884	US
NMXI-0485.00/US	Utility - ORG	Issued	VITERBI ACS UNIT WITH RENORMALIZATION	3/29/1993	08/038,323	9/20/1994	5,349,608	US
NMXI-0486.00/US	Utility - ORG	Issued	CARRIER FREQUENCY ESTIMATOR FOR A SIGNAL RECEIVER	7/20/1998	09/119,479	12/14/1999	6,002,721	US
NMXI-0486.01/US	Utility - CON	Abandoned	CARRIER FREQUENCY ESTIMATOR FOR A SIGNAL RECEIVER	9/30/1999	09/409,791			US
NMXI-0487.00/US	Utility - ORG	Issued	PROCESS FOR FORMING MICROELECTRONIC PACKAGES AND INTERMEDIATE STRUCTURES FORMED THEREWITH	3/1/2000	09/516,652	7/1/2003	6,586,836	US
NMXI-0488.00/US	Utility - DIV	Abandoned	DIE-IN-HEAT SPREADER MICROELECTRONIC PACKAGE	2/9/2004	10/774,952			US
NMXI-0489.00/US	Utility - ORG	Issued	NOVEL SYSTEM AND METHOD OF HEAT EXTRACTION FROM AN INTEGRATED CIRCUIT DIE	6/29/2000	09/606,893	2/26/2002	6,351,387	US
NMXI-0489.01/US	Utility - DIV	Issued	METHODS OF HEAT EXTRACTION FROM AN INTEGRATED CIRCUIT DIE	12/18/2001	10/025,434	6/22/2004	6,751,837	US
NMXI-0490.00/US	Utility - ORG	Issued	COMPUTER METHOD AND APPARATUS FOR A TABLE DRIVEN FILE INTERFACE	5/1/1992	07/877,409	5/30/1995	5,421,001	US
NMXI-0491.00/US	Utility - ORG	Issued	METHOD FOR IMPROVING ACCESSIBILITY OF A COMPUTER DISPLAY	8/18/1997	09/912,380	7/6/1999	5,920,870	US
NMXI-0492.00/US	Utility - ORG	Issued	EFFICIENT IMPLEMENTATION OF N-POINT DCT, N-POINT IDCT, SA-DCT AND SA-IDCT ALGORITHMS	9/30/2000	09/676,556	5/8/2007	7,216,140	US
NMXI-0493.00/US	Utility - ORG	Abandoned	COMBINED PROPAGATE/GENERATE/PARTIAL SUM CIRCUIT FOR SINGLE-RAIL ADDERS	6/26/2000	09/603,800			US
NMXI-0494.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROVIDING A SECURE-PRIVATE PARTITION ON A HARD DISK DRIVE OF A COMPUTER SYSTEM VIA IDE CONTROLLER	6/30/2000	09/608,117	12/26/2006	7,155,615	US
NMXI-0495.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS TO PROVIDE CLIENT-SIDE FILTERING IN A BROADCAST SYSTEM	3/22/2000	09/533,024			US
NMXI-0496.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR GRAPHICAL DEVICE MANAGEMENT USING A VIRTUAL CONSOLE	6/30/2000	09/607,592	5/16/2006	7,047,495	US
NMXI-0497.00/US	Utility - ORG	Issued	REMOTELY MANAGING AND CONTROLLING A CONSUMER APPLIANCE	5/31/2000	09/584,520	6/1/2010	7,729,943	US
NMXI-0498.00/US	Utility - ORG	Issued	MEMORY SUBSYSTEM EMPLOYING POOL OF REFRESH CANDIDATES	12/29/2000	09/753,005	4/2/2002	6,366,516	US
NMXI-0499.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR ALLOWING CONTINUOUS APPLICATION OF HIGH VOLTAGE TO A FLASH MEMORY DEVICE POWER PIN	12/29/2000	09/751,514	2/4/2003	6,515,901	US
NMXI-0499.01/US	Utility - CON	Issued	METHOD AND APPARATUS FOR ALLOWING CONTINUOUS APPLICATION OF HIGH VOLTAGE TO A FLASH MEMORY DEVICE POWER PIN	12/13/2002	10/318,464	4/6/2004	6,717,855	US

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App. No.	Inventor	App. Type	Status	Title	Filed	Serial No.	Issued Date	Patent No.	Country
NMXXI-0500.00/US	Utility - Div	Issued	CIRCUIT BOARD WITH ORGANIC DIELECTRIC LAYER	12/3/2004	11/003,956	3/25/2008	7,348,496	US	
NMXXI-0501.00/US	Utility - Div	Abandoned	PROTECTIVE FILM FOR THE FABRICATION OF DIRECT BUILD-UP LAYERS ON AN ENCAPSULATED DIE PACKAGE	11/19/2002	10/299,135			US	
NMXXI-0502.00/US	Utility - ORG	Abandoned	MICROELECTRONIC PACKAGE HAVING AN INTEGRATED HEAT SINK AND BUILD-UP LAYERS	12/8/2000	09/733,289			US	
NMXXI-0503.00/US	Utility - ORG	Issued	DRIVING A VISUAL INDICATOR ARRAY IN AN ELECTRONIC SIGNALING SYSTEM	5/31/2001	09/872,490	11/26/2002	6,486,791	US	
NMXXI-0504.00/US	Utility - ORG	Issued	LINK-LOCK DEVICE AND METHOD OF MONITORING AND CONTROLLING A LINK FOR FAILURES AND INTRUSIONS	11/22/2000	09/721,785	12/11/2007	7,308,713	US	
NMXXI-0505.00/US	Utility - ORG	Issued	METHOD OF ADAPTING PROCESSING PARAMETERS IN A CALL PROCESSING SYSTEM	8/11/1994	08/289,315	4/9/1996	5,506,885	US	
NMXXI-0506.00/US	Utility - ORG	Issued	TELEPHONE CALL SETUP PROCEDURE	10/10/1995	08/541,678	4/23/2002	6,377,576	US	
NMXXI-0507.00/US	Utility - ORG	Issued	USE OF CALLER ID INFORMATION	2/27/1996	08/607,796	7/28/1998	5,787,159	US	
NMXXI-0508.00/US	Utility - ORG	Issued	DTMF DETECTION IN INTERNET TELEPHONY	12/12/1998	09/204,607	6/4/2002	6,400,709	US	
NMXXI-0509.00/US	Utility - ORG	Issued	COMPUTER TELEPHONY SERVER WITH IMPROVED FLEXIBILITY	3/26/1999	09/277,286	10/17/2006	7,123,712	US	
NMXXI-0510.00/US	Utility - ORG	Issued	TEST FIXTURE FOR TESTING A MULTI-PORT VOICE PROCESSING CARD AND THE LIKE	3/29/1999	09/280,171	7/22/2003	6,595,798	US	
NMXXI-0511.00/US	Utility - ORG	Issued	BOARD ID DISPLAY SYSTEM	4/26/1999	09/299,162	6/12/2001	6,246,334	US	
NMXXI-0512.00/US	Utility - ORG	Issued	DYNAMIC AND SCHEDULED COMPUTER TELEPHONY RESOURCE ALLOCATION	4/29/1999	09/301,855	11/4/2003	6,649,367	US	
NMXXI-0513.00/US	Utility - ORG	Issued	DUAL PERSONALITY ANALOG PORT	7/28/1999	09/362,425	8/16/2005	6,931,121	US	
NMXXI-0514.00/US	Utility - ORG	Issued	HIGH IMPEDANCE POLARITY DETECTOR	10/12/1999	09/417,161	2/8/2005	6,853,723	US	
NMXXI-0515.00/US	Utility - ORG	Issued	MULTIPLE PLATFORM VOICE PROCESSING SYSTEM WITH OPTIMIZED RESOURCE ALLOCATION	2/22/2000	09/510,311	7/9/2002	6,418,201	US	
NMXXI-0516.00/US	Utility - ORG	Issued	CALL PROCESSING SYSTEM WITH RESOURCES ON MULTIPLE PLATFORMS	3/4/2000	09/518,966	10/16/2001	6,304,645	US	
NMXXI-0517.00/US	Utility - ORG	Issued	METHOD OF PROCESSING AN INBOUND CALL IN A CALL CENTER	3/10/2000	09/523,935	12/13/2005	6,975,720	US	
NMXXI-0518.00/US	Utility - ORG	Abandoned	DYNAMICALLY LOCATING ICONS ON A VIDEO DISPLAY SCREEN	7/7/2000	09/611,938			US	
NMXXI-0519.00/US	Utility - CIP	Issued	DIGITAL TELEPHONE SYSTEM WITH AUTOMATIC ROUTING BASED UPON CALLER ID	8/31/1998	09/144,511	11/27/2001	6,324,263	US	
NMXXI-0520.00/US	Utility - ORG	Issued	APPARATUS AND METHOD FOR CONNECTING AN IMPLEMENT TO A TRACTION VEHICLE	10/29/1998	09/182,828	5/29/2001	6,240,168	US	
NMXXI-0520.01/US	Utility - CON	Issued	METHOD AND APPARATUS FOR CONTROLLING A COMPUTER TO IMPLEMENT TELEPHONE FUNCTIONS WITH A DISPLAYED TELEPHONE OF VARIABLE SIZE	2/4/2000	09/497,970	7/16/2002	6,421,432	US	
NMXXI-0521.00/US	Utility - ORG	Expired	LOGIC SUPPORT CHIP FOR AT-TYPE COMPUTER WITH IMPROVED BUS ARCHITECTURE	11/13/1989	07/436,200	6/23/1992	5,125,080	US	
NMXXI-0521.01/US	Utility - CON	Expired	LOGIC SUPPORT CHIP FOR AT-TYPE COMPUTER WITH IMPROVED BUS ARCHITECTURE	6/22/1992	07/902,317	1/18/1994	5,280,590	US	
NMXXI-0522.00/US	Utility - ORG	Expired	DATA CACHE MANAGEMENT SYSTEM WITH TEST MODE USING INDEX REGISTERS AND CAS DISABLE AND POSTED WRITE DISABLE	7/21/1990	07/544,821	1/4/1994	5,276,833	US	
NMXXI-0523.00/US	Utility - ORG	Issued	SYSTEM FOR PERFORMING INPUT AND OUTPUT OPERATIONS TO AND FROM A PROCESSOR	4/9/1993	08/046,109	9/26/2000	6,125,412	US	
NMXXI-0524.00/US	Utility - Div	Expired	DRAM REFRESH CONTROLLER WITH IMPROVED BUS ARBITRATION SCHEME	11/26/1992	07/981,329	9/6/1994	5,345,577	US	
NMXXI-0525.00/US	Utility - ORG	Issued	UNIVERSAL PULSE SYNCHRONIZER	1/6/1999	09/226,924	1/9/2001	6,172,538	US	

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App No.	Matter Type	Matter Status	Title	Inventor	Issue Date	Patent No.	Country
NMXXI-0526.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR INTERLACED IMAGE ENHANCEMENT	09/395,000	5/7/2002	6,384,872	US
NMXXI-0527.00/US	Utility - ORG	Issued	CLOCK SPLITTER CIRCUIT TO GENERATE SYNCHRONIZED CLOCK AND INVERTED CLOCK	09/676,313	5/7/2002	6,384,658	US
NMXXI-0528.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR A LOW LATENCY SOURCE-SYNCHRONOUS ADDRESS RECEIVER FOR A HOST SYSTEM BUS IN A MEMORY CONTROLLER	09/665,922	6/8/2004	6,748,513	US
NMXXI-0528.01/US	Utility - CON	Issued	METHOD AND APPARATUS FOR A LOW LATENCY SOURCE-SYNCHRONOUS ADDRESS RECEIVER FOR A HOST SYSTEM BUS IN A MEMORY CONTROLLER	10/813,145	7/5/2005	6,915,407	US
NMXXI-0529.00/US	Utility - ORG	Issued	RAY INTERSECTION REDUCTION USING DIRECTIONALLY CLASSIFIED TARGET LISTS	09/327,015	12/3/2002	6,489,955	US
NMXXI-0530.00/US	Utility - ORG	Issued	STOCHASTIC SAMPLING WITH CONSTANT DENSITY IN OBJECT SPACE FOR ANISOTROPIC TEXTURE MAPPING	09/393,477	6/4/2002	6,400,370	US
NMXXI-0531.00/US	Utility - ORG	Issued	3D RENDERING TEXTURE CACHING SCHEME	09/502,994	5/23/2006	7,050,063	US
NMXXI-0532.00/US	Utility - ORG	Issued	APPARATUS AND METHOD FOR SIMULATING SPECULAR REFLECTION IN A COMPUTER GRAPHICS/MAGING SYSTEM	08/731,635	12/29/1998	5,854,632	US
NMXXI-0533.00/US	Utility - ORG	Issued	METHOD AND SYSTEM FOR SERVICING CACHE LINE IN RESPONSE TO PARTIAL CACHE LINE REQUEST	09/752,846	12/24/2002	6,499,085	US
NMXXI-0534.00/US	Utility - ORG	Abandoned	METHODS FOR FORMAL VERIFICATION ON A SYMBOLIC LATTICE DOMAIN	09/608,637			US
NMXXI-0534.01/US	Utility - CON	Abandoned	METHODS FOR FORMAL VERIFICATION ON A SYMBOLIC LATTICE DOMAIN	11/124,315			US
NMXXI-0534.02/US	Utility - DIV	Abandoned	ANTECEDENT STRENGTHENING TO PERFORM GENERALIZED TRAJECTORY EVALUATION	11/553,805	10/27/2006		US
NMXXI-0535.00/US	Utility - ORG	Issued	DEGENERATIVE LOAD TEMPERATURE CORRECTION FOR CHARGE PUMPS	09/670,850	3/12/2002	6,356,062	US
NMXXI-0536.00/US	Utility - ORG	Issued	EXTENSIBLE BIOS ERROR LOG	09/737,140	10/17/2006	7,124,412	US
NMXXI-0537.00/US	Utility - ORG	Issued	DIFFERENTIAL SIGNAL PATH FOR HIGH SPEED DATA TRANSMISSION IN FLASH MEMORY	09/752,345	8/27/2002	6,442,069	US
NMXXI-0537.01/US	Utility - CIP	Issued	DIFFERENTIAL REDUNDANCY MULTIPLEXOR FOR FLASH MEMORY DEVICES	09/982,246	6/3/2003	6,574,141	US
NMXXI-0538.00/US	Utility - ORG	Issued	GATE ENHANCED TRI-CHANNEL POSITIVE CHARGE PUMP	09/753,045	12/17/2002	6,496,055	US
NMXXI-0538.01/US	Utility - CON	Issued	GATE ENHANCED TRI-CHANNEL POSITIVE CHARGE PUMP	10/273,889	2/3/2004	6,686,793	US
NMXXI-0539.00/US	Utility - ORG	Issued	TRIPLE WELL NO BODY EFFECT NEGATIVE CHARGE PUMP	09/751,695	9/17/2002	6,452,438	US
NMXXI-0540.00/US	Utility - ORG	Issued	NOVEL BI-VOLTAGE LEVELS SWITCHES	09/745,970	2/18/2003	6,522,180	US
NMXXI-0541.00/US	Utility - ORG	Issued	SELF INITIALIZATION FOR CHARGE PUMPS	09/752,247	4/2/2002	6,366,158	US
NMXXI-0541.01/US	Utility - CON	Issued	SELF INITIALIZATION FOR CHARGE PUMPS	10/051,696	8/27/2002	6,441,678	US
NMXXI-0542.00/US	Utility - ORG	Issued	OUTPUT SWITCH FOR CHARGE PUMP RECONFIGURATION	09/748,611	4/9/2002	6,369,642	US
NMXXI-0543.00/US	Utility - ORG	Issued	NEGATIVE OUTPUT VOLTAGE CHARGE PUMP AND METHOD THEREFOR	09/753,351	3/19/2002	6,359,814	US
NMXXI-0544.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR MATCHED-REFERENCE SENSING ARCHITECTURE FOR NON-VOLATILE MEMORIES	09/752,714	2/4/2003	6,515,906	US
NMXXI-0544.01/US	Utility - CON	Issued	METHOD AND APPARATUS FOR MATCHED-REFERENCE SENSING ARCHITECTURE FOR NON-VOLATILE MEMORIES	10/330,469	12/14/2004	6,831,862	US
NMXXI-0545.00/US	Utility - ORG	Issued	CHARGING A CAPACITANCE OF A MEMORY CELL AND CHARGER	09/888,252	1/7/2003	6,504,760	US
NMXXI-0545.01/US	Utility - DIV	Issued	CHARGING A CAPACITANCE OF A MEMORY CELL AND CHARGER	10/154,019	7/22/2003	6,597,606	US

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Matter No.	Matter Type	Matter Status	Title	Inventor	Serial No.	Issue Date	Patent No.	Country	
NMXI-0546.00/US	Utility - CON	Issued	THREAD LIST EXPLICIT CACHING SYSTEM		11/7/1997	08/966,771	7/18/2000	6,092,154	US
NMXI-0547.00/US	Utility - ORG	Issued	RUNTIME PREDICTION FRAMEWORK FOR CPU INTENSIVE APPLICATIONS		9/29/2000	09/675,286	1/23/2007	7,168,074	US
NMXI-0548.00/US	Utility - ORG	Issued	METHOD, APPARATUS, AND SYSTEM TO ENHANCE NEGATIVE VOLTAGE SWITCHING		3/30/2001	09/823,463	11/5/2002	6,477,091	US
NMXI-0548.01/US	Utility - DIV	Issued	METHOD, APPARATUS, AND SYSTEM TO ENHANCE NEGATIVE VOLTAGE SWITCHING		2/19/2002	10/078,106	9/7/2004	6,788,584	US
NMXI-0548.02/US	Utility - DIV	Issued	METHOD, APPARATUS, AND SYSTEM TO ENHANCE NEGATIVE VOLTAGE SWITCHING		6/25/2004	10/877,634	9/13/2005	6,944,065	US
NMXI-0549.00/US	Utility - ORG	Issued	SYSTEM AND METHOD OF TRANSMITTING DATA FRAMES IN A MESH OF DATA SWITCHES		11/15/2000	09/714,382	3/15/2005	6,868,071	US
NMXI-0550.00/US	Utility - ORG	Issued	SYSTEM AND METHOD FOR AUTOMATIC PRR DETECTION		1/20/1998	09/009,561	12/7/1999	5,999,593	US
NMXI-0551.00/US	Utility - ORG	Issued	CONTROLLING SNOOP ACTIVITIES USING TASK TABLE IN MULTIPROCESSOR SYSTEM		6/24/2002	10/179,790	5/5/2009	7,530,066	US
NMXI-0552.00/US	Utility - ORG	Issued	SHARING CLASSES BETWEEN PROGRAMS		1/8/2001	09/756,579	7/17/2007	7,246,135	US
NMXI-0553.00/US	Utility - ORG	Abandoned	PROVIDING A VALID INITIAL FRAME		11/27/2000	09/723,210			US
NMXI-0554.00/US	Utility - ORG	Issued	CIRCUIT AND METHOD FOR DIGITAL TO ANALOG SIGNAL CONVERSION		9/30/1993	08/129,899	11/21/1995	5,469,164	US
NMXI-0555.00/US	Utility - ORG	Issued	VOLTAGE LEVEL SHIFTER HAVING ZERO DC CURRENT AND STATE RETENTION IN DROWSY MODE		12/29/2000	09/750,110	9/24/2002	6,456,410	US
NMXI-0556.00/US	Utility - CON	Abandoned	MECHANISM FOR HANDLING EXPLICIT WRITEBACK IN A CACHE COHERENT MULTI-NODE ARCHITECTURE		12/28/2005	11/321,632			US
NMXI-0557.00/US	Utility - ORG	Issued	METHOD & APPARATUS FOR ADDING REAL-TIME PRIMITIVES		12/19/2000	09/741,599	10/17/2006	7,123,265	US
NMXI-0558.00/US	Utility - ORG	Issued	METHOD AND DRIVER FOR DETECTING GLITCHES		12/19/2000	09/741,405	5/1/2007	7,212,497	US
NMXI-0559.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR DETERMINING AND DISPLAYING THE SERVICE LEVEL OF A DIGITAL TELEVISION BROADCAST SIGNAL		11/21/2000	09/717,579	9/25/2007	7,275,254	US
NMXI-0560.00/US	Utility - ORG	Issued	AUTO LATENCY TEST TOOL		12/28/2000	09/749,610	7/15/2003	6,594,344	US
NMXI-0561.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR RECOVERING FROM AN OVERHEATED MICROPROCESSOR		12/29/2000	09/751,601	3/21/2006	7,017,062	US
NMXI-0562.00/US	Utility - ORG	Issued	ION IMPLANTATION SYSTEM		12/4/2000	09/730,206	9/9/2003	6,617,593	US
NMXI-0563.00/US	Utility - ORG	Issued	METHOD OF FORMING A SEMICONDUCTOR DEVICE USING A CARBON DOPED OXIDE LAYER TO CONTROL THE CHEMICAL MECHANICAL POLISHING OF A DIELECTRIC LAYER		11/20/2001	09/996,215	4/15/2003	6,548,399	US
NMXI-0563.01/US	Utility - DIV	Issued	METHOD OF FORMING A SEMICONDUCTOR DEVICE USING A CARBON DOPED OXIDE LAYER TO CONTROL THE CHEMICAL MECHANICAL POLISHING OF A DIELECTRIC LAYER		1/29/2003	10/354,361	10/7/2003	6,630,390	US
NMXI-0564.00/US	Utility - CON	Abandoned	COHERENT LIGHT DESPECKLING		1/29/2004	10/767,324	5/8/2007	7,215,383	US
NMXI-0565.00/US	Utility - ORG	Abandoned	APPARATUS FOR SHIELDING TRANSMISSION LINE EFFECTS ON A PRINTED CIRCUIT BOARD		12/7/2000	09/732,115			US
NMXI-0566.00/US	Utility - ORG	Issued	I/O DEVICE TESTING METHOD AND APPARATUS		11/8/2000	09/709,000	12/30/2003	6,671,847	US
NMXI-0567.00/US	Utility - ORG	Issued	SPINDLE SLEEVE FOR COATER/DEVELOPER		12/21/2000	09/746,435	4/20/2004	6,723,167	US
NMXI-0568.00/US	Utility - DIV	Abandoned	EXPANDED AND EMBEDDED OVERLAY STRUCTURE		9/11/2003	10/662,021	8/31/2004	6,784,004	US
NMXI-0569.00/US	Utility - ORG	Issued	PURGING GAS FROM A PHOTOLITHOGRAPHY ENCLOSURE BETWEEN A MASK PROTECTIVE DEVICE AND A PATTERNED MASK		12/29/2000	09/752,938	3/23/2004	6,710,845	US
NMXI-0569.01/US	Utility - DIV	Issued	PURGING GAS FROM A PHOTOLITHOGRAPHY ENCLOSURE BETWEEN A MASK PROTECTIVE DEVICE AND A PATTERNED MASK		1/16/2004	10/759,641	8/14/2007	7,256,872	US

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MTI-Id-No	Matter Type	Matter Status	Title	Filing Date	Serial No.	Issue Date	Patent No.	Country
NMXXI-0570.00/US	Utility - ORG	Issued	POST ETCH CLEAN SEQUENCE FOR MAKING A SEMICONDUCTOR DEVICE	10/6/2000	09/684,550	10/15/2002	6,465,358	US
NMXXI-0571.00/US	Utility - ORG	Issued	INTERCONNECT MECHANICS FOR ELECTROMAGNETIC COUPLER	11/15/2000	09/713,702	12/24/2002	6,498,305	US
NMXXI-0572.00/US	Utility - ORG	Issued	CLAMP TO SECURE CARRIER TO DEVICE FOR ELECTROMAGNETIC COUPLER	12/29/2000	09/751,442	6/10/2003	6,576,847	US
NMXXI-0573.00/US	Utility - ORG	Issued	ELECTROMAGNETIC COUPLER SOCKET	12/29/2000	09/751,527	3/18/2003	6,533,586	US
NMXXI-0574.00/US	Utility - ORG	Issued	SYSTEM AND METHOD FOR SPLIT AUTOMATIC GAIN CONTROL	9/14/2001	09/951,904	3/4/2008	7,340,069	US
NMXXI-0575.00/US	Utility - ORG	Issued	PROGRAMMABLE DIGITAL PHASE LOCK LOOP	12/29/2000	09/750,671	9/3/2002	6,445,230	US
NMXXI-0576.00/US	Utility - ORG	Abandoned	TIMING MULTIPLE EVENTS WITH A SINGLE TIMER	4/13/2001	09/835,034			US
NMXXI-0577.00/US	Utility - ORG	Issued	DATA PATH EVALUATION SYSTEM AND METHOD	4/12/2001	09/834,016	10/7/2003	6,631,339	US
NMXXI-0578.00/PR	Prov - ORG	Expired	UNIVERSAL TELEPHONY INTERFACE POLARITY DETECTOR	8/29/2001	60/315,797			US
NMXXI-0578.00/US	Utility - ORG	Issued	UNIVERSAL TELEPHONY INTERFACE POLARITY DETECTOR	13/28/2001	09/996,255	1/9/2007	7,162,028	US
NMXXI-0579.00/US	Utility - ORG	Issued	KEYBOARD HOLDER	3/12/2001	09/804,489	10/29/2002	6,471,170	US
NMXXI-0580.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR SYNCHRONIZING NETWORK POLICIES	13/17/2000	09/715,529			US
NMXXI-0581.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR MAPPING IN ONE STAGE AND MERGING AND REMAPPING IN A SECOND STAGE A PLURALITY OF INSTRUCTION GROUPS TO A PLURALITY OF FUNCTIONAL UNITS	12/28/2000	09/749,725			US
NMXXI-0582.00/US	Utility - ORG	Issued	METHOD FOR READING A STRUCTURAL PHASE-CHANGE MEMORY	8/2/2001	09/921,853	7/8/2003	6,590,807	US
NMXXI-0582.01/US	Utility - CON	Issued	METHOD FOR READING A STRUCTURAL PHASE-CHANGE MEMORY	6/10/2003	10/458,828	3/16/2004	6,707,712	US
NMXXI-0584.00/PR	Prov - ORG	Expired	SINGLE-CHIP NETWORK PROCESSOR AND INTERFACE SYSTEM	6/27/1998	60/090,939			US
NMXXI-0585.00/US	Utility - ORG	Abandoned	NETWORK ACCELERATOR SUBSYSTEM BASED ON SINGLE-CHIP NETWORK	6/25/1999	09/344,453			US
NMXXI-0586.00/US	Utility - ORG	Issued	TWO-DIMENSIONAL QUEUING/DE-QUEUING METHODS AND SYSTEMS FOR IMPLEMENTING THE SAME	3/16/1999	09/271,061	4/20/2004	6,724,767	US
NMXXI-0587.00/US	Utility - ORG	Issued	SYSTEMS AND METHODS FOR IMPLEMENTING GBR WITH GUARANTEED MCR	6/17/1999	09/335,223	12/2/2003	6,557,559	US
NMXXI-0588.00/US	Utility - ORG	Issued	SYSTEMS AND METHODS FOR ON-CHIP STORAGE OF VIRTUAL CONNECTION DESCRIPTORS	3/16/1999	09/270,287	10/30/2001	6,311,212	US
NMXXI-0589.00/US	Utility - ORG	Issued	SYSTEM AND METHOD FOR PERFORMING CUT-THROUGH FORWARDING IN AN ATM NETWORK SUPPORTING LAN EMULATION	6/25/1999	09/344,508	4/27/2004	6,728,249	US
NMXXI-0590.00/US	Utility - ORG	Issued	GBR/VBR TRAFFIC SCHEDULER	6/25/1999	09/344,820	12/31/2002	6,501,731	US
NMXXI-0591.00/US	Utility - ORG	Issued	SYSTEM FOR MULTI-LAYER BROADBAND PROVISIONING IN COMPUTER NETWORKS	6/25/1999	09/340,068	9/23/2003	6,625,650	US
NMXXI-0592.00/US	Utility - ORG	Issued	MULTI-PROTOCOL CONVERSION ASSISTANCE METHOD AND SYSTEM FOR A NETWORK ACCELERATOR	6/25/1999	09/344,672	8/5/2003	6,603,768	US
NMXXI-0593.00/US	Utility - ORG	Issued	SYSTEMS AND METHODS FOR IMPLEMENTING POINTER MANAGEMENT	6/25/1999	09/340,282	7/23/2002	6,425,067	US
NMXXI-0594.00/US	Utility - ORG	Issued	APPLICATION PROGRAMMING INTERFACES AND METHODS ENABLING A HOST TO INTERFACE WITH A NETWORK PROCESSOR	6/25/1999	09/337,025	8/5/2003	6,604,136	US
NMXXI-0595.00/US	Utility - ORG	Issued	MATCHING ROUTED CALL TO AGENT WORKSTATION	12/29/2000	09/750,030	9/14/2004	6,797,102	US
NMXXI-0596.00/US	Utility - ORG	Issued	AUTOMATIC DETECTING WHEN AN AGENT IS AVAILABLE	12/29/2000	09/750,025	7/10/2007	7,242,760	US
NMXXI-0597.00/US	Utility - CON	Abandoned	RECOGNIZING SIGNALS IN DESIGN SIMULATION	11/21/2005	11/285,565			US
NMXXI-0598.00/US	Utility - ORG	Issued	SYSTEM AND METHOD FOR PROTECTED MESSAGING	12/28/2000	09/752,882	12/13/2005	6,976,172	US
NMXXI-0599.00/US	Utility - ORG	Issued	ENHANCED MEDIA GATEWAY CONTROL PROTOCOL	12/28/2000	09/749,745	3/20/2007	7,194,071	US

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NTI-DefNo	Made Type	Made Status	Title	Filed Date	Serial No	Issue Date	Patent No	Country
NMXXI-0600.00/US	Utility - ORG	Issued	DEVICE AND METHOD OF INTERFACING VOICE DATA BETWEEN A SWITCH AND A COMPUTER SYSTEM	4/13/2001	09/834,713	3/1/2005	6,862,341	US
NMXXI-0601.00/US	Utility - ORG	Issued	COLOR FILTER ARRAY AND COLOR INTERPOLATION ALGORITHM	11/30/2000	09/727,038	7/12/2005	6,917,381	US
NMXXI-0602.00/US	Utility - DIV	Abandoned	PHYSICALLY INTERACTING WITH A PROCESSOR-BASED DISPLAY	12/7/2004	11/005,694			US
NMXXI-0603.00/US	Utility - ORG	Abandoned	LOCATING A POSITION ON A DISPLAY SCREEN	4/18/2001	09/836,978			US
NMXXI-0604.00/US	Utility - ORG	Issued	METAL STRUCTURE FOR A PHASE-CHANGE MEMORY DEVICE	12/21/2000	09/745,835	5/27/2003	6,569,705	US
NMXXI-0604.01/US	Utility - DIV	Issued	METAL STRUCTURE FOR A PHASE-CHANGE MEMORY DEVICE	4/17/2003	10/418,530	9/28/2004	6,797,979	US
NMXXI-0605.00/US	Utility - ORG	Issued	METHOD FOR SWITCHING DATA STREAMS	11/15/2000	09/712,185	1/11/2005	6,942,452	US
NMXXI-0606.00/US	Utility - ORG	Issued	REMOVING REDUNDANT INFORMATION IN HYBRID BRANCH PREDICTION	10/3/2001	09/970,485	4/10/2007	7,203,825	US
NMXXI-0607.00/US	Utility - ORG	Issued	METHOD OF CREATING A PHOTONIC VIA USING FIBER OPTIC	12/19/2000	09/741,520	11/18/2003	6,650,823	US
NMXXI-0608.00/US	Utility - ORG	Issued	METHOD OF CREATING AN ANGLED WAVEGUIDE USING LITHOGRAPHIC TECHNIQUES	12/19/2000	09/741,237	2/21/2006	7,000,434	US
NMXXI-0609.00/US	Utility - ORG	Issued	MARKINGS FOR ALIGNING FIBER OPTIC BUNDLE	12/19/2000	09/741,642	10/21/2003	6,636,671	US
NMXXI-0609.01/US	Utility - DIV	Issued	MARKINGS FOR ALIGNING FIBER OPTIC BUNDLE	9/26/2003	10/672,329	8/9/2005	6,928,215	US
NMXXI-0610.00/US	Utility - ORG	Issued	ALIGNMENT OF OPTICAL FIBERS TO AN ETCHED ARRAY WAVEGUIDE	12/15/2000	09/738,800	9/30/2003	6,628,865	US
NMXXI-0611.00/US	Utility - ORG	Issued	ALIGNMENT OF FIBER OPTIC BUNDLE TO ARRAY WAVEGUIDE USING AN EPOXY	12/15/2000	09/738,799	3/16/2004	6,707,970	US
NMXXI-0612.00/US	Utility - ORG	Issued	ALIGNMENT OF FIBER OPTIC BUNDLE TO ARRAY WAVEGUIDE USING PINS	12/15/2000	09/738,686	5/3/2005	6,886,989	US
NMXXI-0613.00/US	Utility - ORG	Issued	METHOD FOR CENTERING A CORE OF A WAVE GUIDE AMPLIFIER	3/30/2001	09/822,380	2/17/2004	6,694,076	US
NMXXI-0614.00/US	Utility - ORG	Issued	METHOD AND SYSTEM FOR DYNAMIC AND INTERACTIVE ROUTE FINDING	3/28/2001	09/818,993	11/19/2002	6,484,092	US
NMXXI-0615.00/US	Utility - ORG	Issued	CLOCK NETWORK	12/12/2000	09/735,358	12/16/2008	7,466,180	US
NMXXI-0616.00/US	Utility - ORG	Issued	PACKAGING AND ASSEMBLY METHOD FOR OPTICAL COUPLING	6/26/2001	09/892,921	1/28/2003	6,512,861	US
NMXXI-0617.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR MULTIPLEX-ACCUMULATE TWO-DIMENSIONAL SEPARABLE SYMMETRIC FILTERING	11/20/2000	09/718,877	6/15/2004	6,751,640	US
NMXXI-0618.00/US	Utility - ORG	Issued	HIGH-SPEED DIGITAL DISTRIBUTION SYSTEM	5/25/1999	09/318,287	9/10/2002	6,449,308	US
NMXXI-0619.00/US	Utility - ORG	Issued	DYNAMIC DELAYED TRANSACTION BUFFER CONFIGURATION BASED ON BUS FREQUENCY	8/20/2001	09/933,547	4/5/2005	6,877,060	US
NMXXI-0620.00/US	Utility - ORG	Issued	INITIALIZATION OF NEGATIVE CHARGE PUMP	3/15/2001	09/809,623	4/22/2003	6,552,600	US
NMXXI-0621.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR SWITCHING AN OPTICAL BEAM IN A SEMICONDUCTOR SUBSTRATE	3/27/2001	09/819,160	8/5/2003	6,603,893	US
NMXXI-0622.00/US	Utility - ORG	Issued	INTEGRATED OPTICAL CIRCUIT HAVING AN INTEGRATED ARRANGED WAVEGUIDE GRATING (AWG) AND OPTICAL AMPLIFIER(S)	10/17/2001	09/982,227	5/23/2006	7,050,663	US
NMXXI-0623.00/US	Utility - DIV	Issued	USE OF MEMBRANE PROPERTIES TO REDUCE RESIDUAL STRESS IN AN INTERLAYER REGION	9/10/2002	10/238,081	9/2/2003	6,614,065	US
NMXXI-0623.01/US	Utility - CON	Issued	USE OF MEMBRANE PROPERTIES TO REDUCE RESIDUAL STRESS IN AN INTERLAYER REGION	9/18/2002	10/246,273	7/22/2003	6,596,614	US
NMXXI-0624.00/US	Utility - ORG	Issued	APPARATUS AND METHOD FOR REMOVING PHOTOMASK CONTAMINATION	5/8/2001	09/850,766	5/11/2004	6,734,443	US
NMXXI-0625.00/US	Utility - ORG	Issued	APPARATUS FOR ENHANCED RATE CHEMICAL MECHANICAL POLISHING	12/22/2000	09/746,470	12/3/2002	6,488,571	US
NMXXI-0625.01/US	Utility - DIV	Issued	WITH ADJUSTABLE SELECTIVITY	8/6/2002	10/213,776	6/14/2005	6,905,397	US
NMXXI-0626.00/US	Utility - ORG	Issued	APPARATUS FOR ENHANCED RATE CHEMICAL MECHANICAL POLISHING WITH ADJUSTABLE SELECTIVITY	12/29/2000	09/751,614	12/21/2004	6,833,615	US
			VIA-IN-PAD WITH OFF-CENTER GEOMETRY					

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MTI-Date	MaterialType	MaterialStatus	Title	FiledDate	SerialNo	IssueDate	PatentNo	Country
NMXXI-0626.01/US	Utility - DIV	Issued	METHODS OF FABRICATING A VIA-IN-PAD WITH OFF-CENTER GEOMETRY	11/22/2004	10/994,995	4/24/2007	7,208,348	US
NMXXI-0627.00/US	Utility - ORG	Issued	CONNECTOR ASSEMBLY WITH DECOUPLING CAPACITORS	5/15/2001	09/858,224	9/16/2003	6,621,287	US
NMXXI-0627.01/US	Utility - DIV	Issued	CONNECTOR ASSEMBLY WITH DECOUPLING CAPACITORS	8/25/2003	10/647,396	5/31/2005	6,898,852	US
NMXXI-0628.00/US	Utility - ORG	Issued	PORTABLE DOWNLOAD UNIT INCLUDING A MEMORY CHIP-TO-CD BURNER	10/23/2001	09/999,784	9/9/2008	7,424,208	US
NMXXI-0629.00/US	Utility - ORG	Issued	INTERCONNECTING CIRCUIT MODULES TO A MOTHERBOARD USING AN EDGE CONNECTOR WITH CONDUCTIVE POLYMER CONTACTS	5/4/2001	09/849,506	10/8/2002	6,461,169	US
NMXXI-0630.00/PR	Prov - ORG	Expired	TIME VARYING FILTER WITH ZERO	9/7/2001	60/317,802			US
NMXXI-0631.00/US	Utility - ORG	Abandoned	METHOD OF SCHEDULING MODULES ON A CAROUSEL	6/29/2001	09/895,113			US
NMXXI-0632.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR DETECTING AC REMOVAL	3/9/2001	09/802,451	8/3/2004	6,772,366	US
NMXXI-0633.00/US	Utility - ORG	Issued	MULTIPLE-LEVEL PYRAMID FILTER	1/3/2001	09/754,684	12/9/2003	6,662,200	US
NMXXI-0634.00/US	Utility - ORG	Issued	LOAD FOR NON-VOLATILE MEMORY DRAIN BIAS	12/29/2000	09/752,535	5/27/2003	6,570,789	US
NMXXI-0635.00/US	Utility - ORG	Issued	KICKER FOR NON-VOLATILE MEMORY DRAIN BIAS	12/29/2000	09/752,550	6/4/2004	6,744,671	US
NMXXI-0636.00/US	Utility - ORG	Issued	DUAL-SWIPING INTERCONNECTION CLIP AND HOOK AND SLOT ARRANGEMENT FOR PRINTED CIRCUIT BOARD (PCB) ATTACHMENT	3/30/2001	09/821,114	4/8/2003	6,544,047	US
NMXXI-0637.00/US	Utility - ORG	Issued	MATERIAL DEPOSITION FROM A LIQUIDIZED GAS SOLUTION	1/2/2002	10/039,095	1/13/2004	6,677,233	US
NMXXI-0638.00/US	Utility - ORG	Abandoned	LARGE FORMAT EMISSIVE DISPLAY	5/4/2001	09/847,447			US
NMXXI-0638.01/US	Utility - DIV	Issued	LARGE FORMAT EMISSIVE DISPLAY	1/5/2006	11/325,961	2/2/2010	7,664,878	US
NMXXI-0639.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR INTERSYSTEM CUT/COPY AND PASTE	3/30/2001	09/823,215	11/21/2006	7,139,842	US
NMXXI-0640.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR COMPRESSING CALORIE BURN CALCULATION DATA USING POLYNOMIAL COEFFICIENTS	1/30/2001	09/773,174	2/10/2004	6,669,057	US
NMXXI-0641.00/US	Utility - ORG	Issued	ON-DIE CACHE MEMORY WITH REPEATERS	6/27/2001	09/893,779	11/11/2003	6,647,455	US
NMXXI-0642.00/US	Utility - ORG	Issued	AC TESTING OF LEAKAGE CURRENT IN INTEGRATED CIRCUITS USING RC TIME CONSTANT	4/19/2001	09/838,730	8/17/2004	6,777,970	US
NMXXI-0642.01/US	Utility - DIV	Issued	AC TESTING OF LEAKAGE CURRENT IN INTEGRATED CIRCUITS USING RC TIME CONSTANT	7/12/2004	10/889,417	11/22/2005	6,967,496	US
NMXXI-0642.02/US	Utility - DIV	Issued	AC TESTING OF LEAKAGE CURRENT IN INTEGRATED CIRCUITS USING RC TIME CONSTANT	10/19/2005	11/253,377	3/23/2008	7,348,790	US
NMXXI-0643.00/US	Utility - ORG	Issued	FASTENER INSTALLATION TOOL	3/29/2001	09/821,247	9/23/2003	6,622,802	US
NMXXI-0643.01/US	Utility - CON	Issued	FASTENER INSTALLATION TOOL	7/28/2003	10/628,597	8/5/2008	7,407,070	US
NMXXI-0643.02/US	Utility - DIV	Issued	FASTENER INSTALLATION SYSTEMS	9/5/2003	10/655,822	5/23/2006	7,048,073	US
NMXXI-0643.03/US	Utility - DIV	Abandoned	FASTENER INSTALLATION TOOLS, SYSTEMS, AND METHODS OF USE	4/3/2006	11/396,769			US
NMXXI-0644.00/US	Utility - ORG	Issued	INTEGRATED CIRCUIT ANNEALING METHODS AND APPARATUS	4/25/2001	09/842,389	1/6/2004	6,675,057	US
NMXXI-0645.00/US	Utility - ORG	Issued	DIGITAL LEAKAGE COMPENSATION CIRCUIT	3/29/2001	09/823,191	5/28/2002	6,396,305	US
NMXXI-0646.00/US	Utility - ORG	Issued	A METHOD OF REDUCING RESIDUE DEPOSITION ONTO ASH CHAMBER BASE SURFACES	3/26/2001	09/818,177	5/20/2003	6,564,811	US
NMXXI-0647.00/US	Utility - ORG	Abandoned	NETWORK COMMUNICATION CASING	9/28/2001	09/964,502			US
NMXXI-0648.00/US	Utility - ORG	Issued	DYNAMIC LOCAL DRIVE AND PRINTER SHARING	7/27/2001	09/917,320	1/15/2008	7,320,033	US
NMXXI-0649.00/US	Utility - ORG	Issued	CACHE ARCHITECTURE FOR PIPELINED OPERATION WITH ON-DIE PROCESSOR	6/27/2001	09/894,513	10/7/2003	6,631,444	US
NMXXI-0650.00/US	Utility - ORG	Issued	CACHE ARCHITECTURE WITH REDUNDANT SUB ARRAY	6/27/2001	09/894,638	12/9/2003	6,662,271	US
NMXXI-0651.00/US	Utility - ORG	Issued	METHOD AND SYSTEM FOR SOFTWARE MODULARIZATION AND AUTOMATIC CODE GENERATION FOR EMBEDDED SYSTEMS	9/17/2001	09/953,277	3/7/2006	7,010,780	US

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App No.	Mat. Def'n.	Mat. Status	Mat. Type	Pat. No.	Filed Date	Pub. No.	Pub. Date	Pat. No.	Pub. Date	Pat. No.	Pub. Date
NMXXI-0652.00/US	Utility - ORG	Issued	Utility - ORG		4/13/2001	09/834,408	3/7/2006	7,010,706			US
NMXXI-0653.00/US	Utility - ORG	Issued	Utility - ORG		11/29/2001	09/997,809	11/18/2003	6,650,589			US
NMXXI-0654.00/US	Utility - ORG	Issued	Utility - ORG		6/28/2001	09/894,151	10/8/2002	6,462,612			US
NMXXI-0655.00/US	Utility - ORG	Issued	Utility - ORG		6/22/2001	09/887,595	1/10/2006	6,985,709			US
NMXXI-0655.00/US	Utility - ORG	Issued	Utility - ORG		9/28/2001	09/967,180	12/9/2003	6,661,264			US
NMXXI-0657.00/US	Utility - ORG	Issued	Utility - ORG		9/28/2001	09/966,481	10/4/2005	6,952,122			US
NMXXI-0658.00/US	Utility - ORG	Issued	Utility - ORG		3/28/2001	09/820,108	7/20/2004	6,766,286			US
NMXXI-0659.00/US	Utility - ORG	Abandoned	Utility - ORG		3/26/2001	09/817,719					US
NMXXI-0660.00/US	Utility - DIV	Issued	Utility - DIV		4/26/2006	11/411,647	4/1/2008	7,352,209			US
NMXXI-0661.00/PR	Utility - ORG	Expired	Utility - ORG		5/2/2001	60/287,707	9/9/2008	7,424,576			US
NMXXI-0661.00/US	Utility - ORG	Issued	Utility - ORG		6/27/2001	09/893,523	5/8/2007	7,216,201			US
NMXXI-0661.01/US	Utility - CON	Issued	Utility - CON		1/9/2006	11/327,454	1/29/2008	7,325,025			US
NMXXI-0662.00/US	Utility - ORG	Issued	Utility - ORG		12/18/2001	10/020,447	9/23/2008	7,428,568			US
NMXXI-0663.00/US	Utility - ORG	Issued	Utility - ORG		9/21/2001	09/956,903					US
NMXXI-0664.00/US	Utility - ORG	Issued	Utility - ORG		6/29/2001	09/899,868	6/24/2008	7,392,277			US
NMXXI-0665.00/US	Utility - ORG	Abandoned	Utility - ORG		3/26/2001	09/817,711	5/3/2005	6,889,237			US
NMXXI-0665.00/US	Utility - ORG	Issued	Utility - ORG		3/30/2001	09/823,212					US
NMXXI-0667.00/US	Utility - ORG	Issued	Utility - ORG		9/10/2001	09/950,100	12/30/2003	6,671,172			US
NMXXI-0668.00/US	Utility - ORG	Issued	Utility - ORG		6/7/2001	09/878,062	10/14/2003	6,633,972			US
NMXXI-0669.00/US	Utility - ORG	Issued	Utility - ORG		9/28/2001	09/968,278	12/11/2007	7,308,563			US
NMXXI-0670.00/US	Utility - ORG	Issued	Utility - ORG		1/6/1999	09/228,804	4/9/2002	6,370,685			US
NMXXI-0671.00/US	Utility - ORG	Issued	Utility - ORG		4/19/2000	09/552,292	10/10/2006	7,120,904			US
NMXXI-0673.00/US	Utility - ORG	Issued	Utility - ORG		6/30/2001	09/896,532	2/4/2003	6,514,805			US
NMXXI-0674.00/US	Utility - ORG	Issued	Utility - ORG		6/30/2001	09/896,530	11/4/2003	6,642,102			US
NMXXI-0674.01/US	Utility - DIV	Issued	Utility - DIV		4/17/2003	10/418,548	6/26/2006	7,064,344			US
NMXXI-0675.00/US	Utility - ORG	Issued	Utility - ORG		6/30/2001	09/896,008	8/3/2004	6,770,531			US
NMXXI-0676.00/US	Utility - ORG	Issued	Utility - ORG		6/30/2001	09/896,531	8/12/2003	6,605,527			US
NMXXI-0676.01/US	Utility - CON	Issued	Utility - CON		5/13/2003	10/438,146	8/11/2009	7,572,666			US
NMXXI-0677.00/US	Utility - ORG	Abandoned	Utility - ORG		7/12/2001	09/904,269	3/29/2005	6,873,380			US
NMXXI-0678.00/US	Utility - ORG	Issued	Utility - ORG		7/12/2001	09/904,268					US
NMXXI-0678.01/US	Utility - DIV	Abandoned	Utility - DIV		1/11/2005	11/032,828					US
NMXXI-0679.00/US	Utility - ORG	Issued	Utility - ORG		4/30/2001	09/846,609	4/20/2004	6,725,247			US

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## Exhibit A - US Applications and Issued Patents

Pat. Docket	Matter Type	Matter Status	Title	Filed	Serial No.	Issue Date	Patent No.	Country
NMXXI-0680.00/US	Utility - ORG	Issued	SYSTEM FOR SHARING CHANNELS BY INTERLEAVING PLOTS	6/29/2001	09/894,136	2/3/2009	7,486,685	US
NMXXI-0681.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR REORDERING MEMORY REQUESTS FOR PAGE COHERENCY	5/24/2005	11/137,700	4/1/2008	7,353,349	US
NMXXI-0682.00/US	Utility - CON	Issued	METHOD AND SYSTEM FOR USING INTERNAL FIFO RAM TO IMPROVE SYSTEM BOOT TIMES	7/29/2005	11/192,025	7/8/2008	7,398,383	US
NMXXI-0683.00/US	Utility - ORG	Issued	PULSE POSITION MODULATION WITH SPREAD SPECTRUM	11/1/1993	08/146,490	8/5/1997	5,654,978	US
NMXXI-0683.01/US	Utility - CIP	Issued	BEST-OF-M-PULSE POSITION MODULATION DETECTOR	6/6/1995	08/468,802	9/9/1997	5,666,379	US
NMXXI-0684.00/US	Utility - CON	Issued	APPARATUS FOR RECEIVING AND CORRELATING A SPREAD SPECTRUM SIGNAL	5/7/1999	09/307,646	11/13/2001	6,317,452	US
NMXXI-0685.00/US	Utility - ORG	Issued	MOBILE STATION LOCATING SYSTEM AND METHOD	7/15/1997	08/893,938	5/4/1999	5,901,358	US
NMXXI-0685.01/US	Utility - CON	Issued	MOBILE STATION LOCATING SYSTEM AND METHOD	3/31/1999	09/282,281	10/23/2001	6,308,073	US
NMXXI-0686.00/US	Utility - ORG	Issued	COMMUNICATION CONTROL FOR A USER OF A CENTRAL COMMUNICATION CENTER	3/20/1997	08/823,234	10/26/1999	5,974,310	US
NMXXI-0686.01/US	Utility - CON	Issued	COMMUNICATION CONTROL FOR A USER OF A CENTRAL COMMUNICATION CENTER	7/15/1999	09/354,926	7/3/2001	6,256,492	US
NMXXI-0686.02/US	Utility - CON	Issued	COMMUNICATION CONTROL FOR A USER OF A CENTRAL COMMUNICATION CENTER	3/27/2001	09/819,460	6/15/2004	6,751,456	US
NMXXI-0687.00/US	Utility - ORG	Issued	SPREAD SPECTRUM CODES FOR USE IN COMMUNICATION	3/20/1997	08/821,611	8/28/2001	6,282,228	US
NMXXI-0688.00/US	Utility - ORG	Issued	BYPASSABLE AMPLIFIER	5/18/1998	09/080,812	10/24/2000	6,137,354	US
NMXXI-0689.00/US	Utility - ORG	Issued	MOUNTING BRACKET FOR PCS AND OTHER ANTENNAS	1/24/2000	09/483,215	3/26/2002	6,361,007	US
NMXXI-0690.00/US	Utility - ORG	Issued	COMMON BOOT ENVIRONMENT FOR A MODULAR SERVER SYSTEM	11/20/2001	10/086,410	6/7/2005	6,904,482	US
NMXXI-0691.00/US	Utility - ORG	Issued	SUCCESSIVE TEMPLATE GENERATION USING MINIMAL RANDOM ACCESS MEMORY BANDWIDTH	6/28/2001	09/894,755	7/22/2003	6,598,133	US
NMXXI-0692.00/US	Utility - ORG	Issued	METHOD AND APPARATUS TO IMPROVE THE PROTECTION OF INFORMATION PRESENTED BY A COMPUTER	6/29/2001	09/895,738	7/4/2006	7,073,070	US
NMXXI-0693.00/US	Utility - ORG	Issued	MECHANISM TO IMPROVE AUTHENTICATION FOR REMOTE MANAGEMENT OF A COMPUTER SYSTEM	10/30/2001	10/002,337	8/15/2006	7,093,124	US
NMXXI-0693.01/US	Utility - DIV	Abandoned	MECHANISM TO IMPROVE AUTHENTICATION FOR REMOTE MANAGEMENT OF A COMPUTER SYSTEM	7/25/2005	11/188,420			US
NMXXI-0694.00/US	Utility - ORG	Issued	VARIABLE LEVEL MEMORY	9/18/2001	09/955,282	11/4/2003	6,643,169	US
NMXXI-0694.01/US	Utility - CON	Issued	VARIABLE LEVEL MEMORY	9/18/2003	10/666,988	3/22/2005	6,870,767	US
NMXXI-0695.00/US	Utility - ORG	Issued	MEMBRANE-ACTUATED CHARGE CONTROLLED MIRROR (CCM) PROJECTION DISPLAY	12/9/1998	09/208,041	2/29/2000	6,031,657	US
NMXXI-0696.00/US	Utility - ORG	Issued	BEAM-ADDRESSED MICROMIRROR DIRECT VIEW DISPLAY	10/28/1998	09/179,933	2/29/2000	6,031,656	US
NMXXI-0697.00/US	Utility - ORG	Issued	CHARGE CONTROLLED MIRROR WITH IMPROVED FRAME TIME UTILIZATION AND METHOD OF ADDRESSING THE SAME	10/15/1998	09/172,615	2/22/2000	6,028,696	US
NMXXI-0698.00/US	Utility - CON	Issued	SAWC PHASE DETECTION METHOD AND APPARATUS	11/4/1992	07/971,689	1/4/1994	5,276,704	US
NMXXI-0699.00/US	Utility - ORG	Issued	PCB-TO-CHASSIS MOUNTING SCHEMES	8/21/2001	09/934,871	12/10/2002	6,493,233	US
NMXXI-0700.00/US	Utility - CIP	Abandoned	METHOD AND APPARATUS TO EMULATE EXTERNAL I/O INTERCONNECTION	10/16/2001	09/982,242			US
NMXXI-0701.00/US	Utility - DIV	Abandoned	METHOD AND APPARATUS FOR ACCESSING THREAD-PRIVATE GLOBAL STORAGE OBJECTS	5/19/2006	11/437,352			US
NMXXI-0702.00/US	Utility - ORG	Issued	REPAIRABLE TILED DISPLAYS	7/16/2001	09/906,342	10/2/2007	7,277,066	US
NMXXI-0702.01/US	Utility - CON	Abandoned	REPAIRABLE TILED DISPLAYS	1/18/2006	11/334,729			US
NMXXI-0703.00/US	Utility - ORG	Abandoned	PARAMETRIC REPRESENTATION METHODS FOR FORMAL VERIFICATION ON A SYMBOLIC LATTICE DOMAIN	12/3/2002	10/309,472			US

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NMFI-Definite	Material Type	Material Status	Title	Filed Date	Serial No.	Issue Date	Patenting	Country
NMFI-0704.00/US	Utility - ORG	Issued	AUTOMATIC SYMBOLIC INDEXING METHODS FOR FORMAL VERIFICATION ON A SYMBOLIC LATTICE DOMAIN	12/3/2002	10/309,529	12/18/2007	7,310,790	US
NMFI-0705.00/US	Utility - ORG	Issued	DIGITAL UPDATE SCHEME FOR ADAPTIVE IMPEDANCE CONTROL OF ON-DIE INPUT/OUTPUT CIRCUITS	9/28/2001	09/965,627	6/3/2003	6,573,747	US
NMFI-0706.00/US	Utility - ORG	Issued	STOPPING REPLAY FORNADOES	12/31/2001	10/039,588	10/4/2005	6,952,764	US
NMFI-0707.00/US	Utility - ORG	Issued	WRITE-ONCE POLYMER MEMORY WITH E-BEAM WRITING AND READING	9/27/2001	09/966,014	9/23/2003	6,625,052	US
NMFI-0707.01/US	Utility - DIV	Issued	WRITE-ONCE POLYMER MEMORY WITH E-BEAM WRITING AND READING	10/28/2002	10/282,534	11/4/2003	6,643,161	US
NMFI-0708.00/US	Utility - ORG	Issued	GLOBAL I/O TIMING ADJUSTMENT USING CALIBRATED DELAY ELEMENTS	9/28/2001	09/966,223	3/27/2007	7,197,659	US
NMFI-0709.00/US	Utility - ORG	Issued	SLURRY FOR POLISHING A BARRIER LAYER	11/30/2001	10/002,855	4/13/2004	6,719,920	US
NMFI-0710.00/US	Utility - ORG	Issued	ELECTRONIC ASSEMBLIES WITH FILLED NO-FLOW UNDERFILL	10/26/2001	10/003,238	1/29/2008	7,323,360	US
NMFI-0711.00/US	Utility - ORG	Issued	A ZERO INSERTION FORCE CONNECTOR FOR SUBSTRATES WITH EDGE CONTACTS	9/28/2001	09/967,060	1/6/2004	6,672,891	US
NMFI-0712.00/US	Utility - ORG	Issued	PERSONAL INFORMATION DEVICE AND METHOD FOR DOWNLOADING REPROGRAMMING DATA FROM A COMPUTER TO THE PERSONAL INFORMATION DEVICE VIA THE PCMCIA PORT OR THROUGH A DOCKING STATION WITH BAUD RATE CONVERSION MEANS	2/24/1998	09/028,367	11/2/1999	5,978,591	US
NMFI-0712.01/US	Utility - CIP	Issued	A WALLET DETACHABLY RETAINING A PERSONAL INFORMATION DEVICE WHICH SUPPLIES A WAKE SIGNAL TO THE WALLET TO TURN ON AN INPUT DEVICE OF THE WALLET	11/11/1998	09/189,572	4/24/2001	6,223,233	US
NMFI-0712.02/US	Utility - CIP	Issued	PERSONAL INFORMATION DEVICE AND METHOD FOR DOWNLOADING REPROGRAMMING DATA FROM A COMPUTER TO THE PERSONAL INFORMATION DEVICE VIA THE PCMCIA PORT OR THROUGH A DOCKING STATION WITH BAUD RATE CONVERSION MEANS	8/5/1999	09/368,878	3/13/2001	6,202,209	US
NMFI-0712.03/US	Utility - CON	Issued	WALLET DETACHABLY RETAINING A PERSONAL INFORMATION DEVICE AND RECEIVING A WAKE SIGNAL AND A STRAY AWAKE SIGNAL FROM THE PERSONAL INFORMATION DEVICE	4/12/2001	09/834,167	1/18/2005	6,845,455	US
NMFI-0713.00/US	Utility - CON	Issued	RECOVERY OF BIT-ROTATED FRAMES DURING FACSIMILE TRANSMISSIONS IN A GLOBAL SYSTEM FOR MOBILE COMMUNICATIONS (GSM) NETWORK	7/19/2002	10/199,382	5/17/2005	6,894,801	US
NMFI-0714.00/US	Utility - ORG	Abandoned	PROTOCOL DRIVER APPLICATION PROGRAMMING INTERFACE FOR OPERATING SYSTEMS	1/31/2002	10/062,863			US
NMFI-0715.00/US	Utility - ORG	Issued	LOCKED CONTENT ADDRESSABLE MEMORY FOR EFFICIENT ACCESS METHODS AND APPARATUS USING A FIBER-FLEXURE INDUCTION SOLDERING STATION	1/9/2002	10/042,905	8/17/2004	6,799,089	US
NMFI-0716.00/US	Utility - ORG	Issued	PROPERTY MANAGEMENT SYSTEM PROTOCOL AUTO-DETECTION INTELLIGENT FORWARDED TELEPHONE CALL HANDLING WITH A CALL ANSWERING SYSTEM	11/25/2002	10/304,195	3/20/2007	7,194,182	US
NMFI-0717.00/US	Utility - ORG	Issued	DIGITAL FRAME DETERMINATION METHOD AND APPARATUS	1/3/2002	10/038,917	9/18/2007	7,272,211	US
NMFI-0718.00/US	Utility - ORG	Issued	SOFTWARE CALL CONTROL AGENT	9/28/2001	09/967,108	2/27/2007	7,184,536	US
NMFI-0719.00/US	Utility - ORG	Issued	PROBABALISTIC NETWORKS FOR DETECTING SIGNAL CONTENT	1/4/2002	10/040,689	10/12/2004	6,804,317	US
NMFI-0720.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR MODIFYING GRAPHICS CONTENT PRIOR TO DISPLAY FOR COLOR BLIND USE	9/28/2001	09/967,367	2/8/2005	6,853,720	US
NMFI-0721.00/US	Utility - ORG	Issued		9/25/2001	09/963,177	11/14/2006	7,136,813	US
NMFI-0722.00/US	Utility - ORG	Issued		11/21/2001	09/991,629	8/16/2005	6,931,151	US

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MT-Desktop	Mater Type	Mater Status	Title	File Date	Serial No.	Inventor	Patent No.	Country
NM/XI-0723.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR SOFTWARE SELECTION OF PROTECTED REGISTER SETTINGS	11/14/2001	09/991,128		6,904,504	US
NM/XI-0724.00/US	Utility - ORG	Issued	SYNCHRONIZING DATA OR SIGNAL TRANSFER ACROSS Clocked LOGIC DOMAINS	1/2/2002	10/038,956		7,161,999	US
NM/XI-0725.00/US	Utility - ORG	Issued	FLASH MEMORY PROGRAM AND ERASE OPERATIONS	11/13/2001	09/993,336		6,937,948	US
NM/XI-0726.00/US	Utility - ORG	Issued	CHARGE PUMP RIPPLE REDUCTION	1/2/2002	10/038,499		6,605,984	US
NM/XI-0727.01/US	Utility - CIP	Issued	CHARGE PUMP RIPPLE REDUCTION	6/27/2002	10/185,419		6,836,176	US
NM/XI-0727.00/US	Utility - ORG	Issued	VOLTAGE DRIVER FOR A MEMORY	8/31/2001	09/945,021		6,449,211	US
NM/XI-0728.00/US	Utility - ORG	Issued	PHASE CHANGE MATERIAL MEMORY DEVICE	9/7/2001	09/948,890		6,586,761	US
NM/XI-0728.01/US	Utility - DIV	Issued	PHASE CHANGE MATERIAL MEMORY DEVICE	4/29/2003	10/426,380		6,908,812	US
NM/XI-0729.00/US	Utility - ORG	Issued	REDUCING SHUNTS IN MEMORIES WITH PHASE-CHANGE MATERIAL	9/17/2001	09/953,833		6,861,267	US
NM/XI-0729.01/US	Utility - DIV	Issued	REDUCING SHUNTS IN MEMORIES WITH PHASE-CHANGE MATERIAL	1/19/2005	11/038,336		7,161,225	US
NM/XI-0730.00/US	Utility - ORG	Expired	DOUBLE DENSITY BACKWARD AND FORWARD COMPATIBLE CARD EDGE CONNECTOR SYSTEM	8/14/1990	07/567,123		5,061,190	US
NM/XI-0731.00/US	Utility - ORG	Issued	MULTIPLE LAYER PHASE-CHANGE MEMORY	8/31/2001	09/945,331		6,507,061	US
NM/XI-0731.01/US	Utility - DIV	Issued	MULTIPLE LAYER PHASE-CHANGE MEMORY	11/21/2002	10/302,421		6,998,289	US
NM/XI-0731.02/US	Utility - CON	Issued	MULTIPLE LAYER PHASE-CHANGE MEMORY	12/4/2002	10/309,633		6,674,115	US
NM/XI-0732.00/US	Utility - ORG	Issued	SIGNAL TO NOISE RATIO OPTIMIZATION FOR VIDEO COMPRESSION BIT-RATE CONTROL	9/5/2001	09/947,331		6,891,889	US
NM/XI-0733.00/US	Utility - ORG	Issued	EMBEDDED PCB IDENTIFICATION	9/11/2001	09/954,402		7,317,310	US
NM/XI-0734.00/US	Utility - ORG	Issued	OPTOELECTRICAL PACKAGE	3/28/2002	10/109,313		7,418,163	US
NM/XI-0735.00/US	Utility - ORG	Issued	ULTRA-THIN POLARIZATION MODE CONVERTERS BASED ON LIQUID CRYSTAL MATERIALS	10/7/2002	10/265,873		6,928,200	US
NM/XI-0735.01/US	Utility - CON	Issued	ULTRA-THIN POLARIZATION MODE CONVERTERS BASED ON LIQUID CRYSTAL MATERIALS	7/26/2005	11/189,543		7,174,060	US
NM/XI-0736.00/US	Utility - CIP	Issued	FILM BULK ACOUSTIC RESONATOR STRUCTURE AND METHOD OF MAKING	3/28/2002	10/109,811		6,822,535	US
NM/XI-0736.01/US	Utility - DIV	Issued	FILM BULK ACOUSTIC RESONATOR STRUCTURE AND METHOD OF MAKING	9/16/2004	10/942,147		7,154,358	US
NM/XI-0737.00/US	Utility - ORG	Issued	1 X N FANOUT WAVEGUIDE PHOTODETECTOR	12/7/2001	10/008,922		6,856,733	US
NM/XI-0737.01/US	Utility - DIV	Issued	1 X N FANOUT WAVEGUIDE PHOTODETECTOR	1/25/2005	11/042,537		7,233,725	US
NM/XI-0738.00/US	Utility - DIV	Issued	METHOD FOR REDUCING SOCKET WARPAGE	1/15/2004	10/758,055		7,350,299	US
NM/XI-0738.01/US	Utility - DIV	Abandoned	SOCKET WARPAGE REDUCTION APPARATUS	1/31/2008	12/023,521			US
NM/XI-0739.00/US	Utility - ORG	Issued	EXTENSION MECHANISM AND METHOD FOR ASSEMBLING OVERHANGING COMPONENTS	9/28/2001	09/964,747		6,801,436	US
NM/XI-0739.01/US	Utility - DIV	Issued	EXTENSION MECHANISM AND METHOD FOR ASSEMBLING OVERHANGING COMPONENTS	8/12/2004	10/918,081		6,917,524	US
NM/XI-0740.00/US	Utility - ORG	Issued	METHOD AND STRUCTURE FOR IDENTIFYING LEAD-FREE SOLDER	9/28/2001	09/964,746		7,251,880	US
NM/XI-0742.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR SYSTEM MANAGEMENT APPLICATIONS USING A LOCAL CONTROLLER	3/22/2002	10/104,341		7,111,103	US
NM/XI-0742.01/US	Utility - DIV	Issued	METHOD AND APPARATUS FOR GENERATING TRAFFIC IN AN ELECTRONIC BRIDGE VIA A LOCAL CONTROLLER	8/3/2006	11/462,264		7,346,725	US
NM/XI-0743.00/US	Utility - ORG	Issued	SYSTEM AND METHOD TO SYNCHRONIZE TWO OR MORE OBJECT MANAGEMENT SYSTEMS	1/23/2002	10/055,528		6,915,522	US
NM/XI-0744.00/US	Utility - ORG	Issued	DIELECTRIC MATERIAL TREATMENT	9/23/2002	10/252,295		6,734,118	US
NM/XI-0745.00/US	Utility - ORG	Issued	MEMORY SYSTEM ORGANIZED INTO BLOCKS OF DIFFERENT SIZES AND ALLOCATION METHOD THEREFOR	9/17/2001	09/933,356		6,851,027	US

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MT-DebitNo	MasterType	MasterStatus	Title	Inventor	SerialNo	IssueDate	PatentNo	Country
NMXXI-0746.00/US	Utility - ORG	Issued	SCALABLE RECEIVER STRUCTURE FOR EFFICIENT BIT SEQUENCE DECODING	6/30/1997	08/885,803	5/30/2000	6,069,928	US
NMXXI-0747.00/HR	Prov - ORG	Expired	DIGITAL IMPAIRMENT LEARNING SEQUENCE	6/24/1999	60/140,705			US
NMXXI-0748.00/US	Utility - ORG	Issued	PAD AND CODEC DETECTION	6/22/2000	09/598,934	4/20/2004	6,724,814	US
NMXXI-0749.00/US	Utility - DIV	Issued	DEVICE AND METHOD FOR MAXIMIZING PERFORMANCE ON A MEMORY INTERFACE WITH A VARIABLE NUMBER OF CHANNELS	5/24/2005	11/137,314	4/21/2009	7,523,230	US
NMXXI-0750.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR HEADER UPDATING	1/7/2002	10/041,543	9/22/2009	7,593,318	US
NMXXI-0751.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR ANALOG COMPENSATION OF DRIVER OUTPUT SIGNAL SLEW RATE AGAINST DEVICE IMPEDANCE VARIATION	3/31/2004	10/814,398	4/22/2008	7,363,595	US
NMXXI-0752.00/US	Utility - ORG	Issued	METHOD FOR MEDIA CONTENT PRESENTATION IN CONSIDERATION OF SYSTEM POWER	4/18/2002	10/126,274	2/14/2006	7,004,126	US
NMXXI-0753.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR CONTROLLING ACCESS TO MOBILE DEVICES	12/19/2001	10/028,472	6/10/2003	6,577,274	US
NMXXI-0753.01/US	Utility - DIV	Issued	METHOD AND APPARATUS FOR CONTROLLING ACCESS TO MOBILE DEVICES	4/16/2003	10/417,540	6/8/2004	6,747,598	US
NMXXI-0754.00/US	Utility - ORG	Issued	PRACTICAL CODING AND METRIC CALCULATION FOR THE LATTICE INTERFERED CHANNEL	8/7/2002	10/214,630	4/25/2006	7,036,071	US
NMXXI-0755.00/US	Utility - ORG	Issued	SEARCH RECEIVER USING ADAPTIVE DETECTION THRESHOLDS	5/23/2002	10/154,948	9/16/2008	7,426,392	US
NMXXI-0756.00/US	Utility - ORG	Issued	RECEIVING CALLER IDENTIFICATION INFORMATION WITH A TELECOMMUNICATIONS DEVICE FOR THE DEAF	1/3/2002	10/038,411	5/6/2003	5,560,317	US
NMXXI-0757.00/US	Utility - ORG	Issued	PROVIDING A CHAIN OF TOKENIZED ERROR AND STATE INFORMATION FOR A CALL STACK	4/29/2002	10/133,625	7/3/2007	7,240,247	US
NMXXI-0758.00/US	Utility - ORG	Issued	PROGRAMMABLE FRAME SPLITTER	1/10/2002	10/044,766	1/3/2006	6,982,988	US
NMXXI-0759.00/US	Utility - ORG	Issued	INVERSE MULTIPLEXING OF UNMANAGED TRAFFIC FLOWS OVER A MULTI-STAR NETWORK	2/21/2002	10/080,093	7/4/2006	7,077,352	US
NMXXI-0760.00/US	Utility - ORG	Issued	METHOD FOR PACKAGING A TAPE SUBSTRATE	8/26/2002	10/228,617	3/17/2009	7,503,155	US
NMXXI-0760.01/US	Utility - DIV	Abandoned	METHOD FOR PACKAGING A TAPE SUBSTRATE	1/29/2009	12/362,445			US
NMXXI-0761.00/US	Utility - ORG	Issued	COAXIAL RADIO FREQUENCY ADAPTER AND METHOD	12/30/2001	10/007,672	1/18/2005	6,844,738	US
NMXXI-0761.01/US	Utility - DIV	Issued	COAXIAL RADIO FREQUENCY ADAPTER AND METHOD	8/20/2003	10/645,229	3/8/2005	6,863,564	US
NMXXI-0761.02/US	Utility - DIV	Issued	COAXIAL RADIO FREQUENCY ADAPTER AND METHOD	4/7/2004	10/820,693	9/26/2006	7,112,970	US
NMXXI-0762.00/US	Utility - ORG	Issued	DEFERRED PROCEDURE CALL IN INTERFACE DESCRIPTION LANGUAGE	11/28/2001	09/997,669	8/23/2005	6,934,953	US
NMXXI-0763.00/US	Utility - ORG	Issued	MANUFACTURING INTEGRATED CIRCUITS AND TESTING ON-DIE POWER SUPPLIES USING DISTRIBUTED PROGRAMMABLE DIGITAL CURRENT SINKS	3/12/2002	10/097,136	5/1/2007	7,212,021	US
NMXXI-0764.00/US	Utility - ORG	Issued	UNDERFILL PROCESS FOR FLIP-CHIP DEVICE	12/21/2001	10/032,115	3/9/2004	6,703,299	US
NMXXI-0764.01/US	Utility - DIV	Abandoned	UNDERFILL PROCESS FOR FLIP-CHIP DEVICE	2/9/2004	10/774,869			US
NMXXI-0765.00/US	Utility - ORG	Issued	ELECTRONIC PACKAGES AND COMPONENTS THEREOF FORMED BY SUBSTRATE-IMPINING	12/18/2002	10/322,902	5/13/2008	7,371,975	US
NMXXI-0765.00/US	Utility - ORG	Issued	MULTI-DIE SEMICONDUCTOR PACKAGE	8/22/2002	10/226,070	8/9/2005	6,927,497	US
NMXXI-0766.01/US	Utility - DIV	Issued	METHOD OF FORMING A MULTI-DIE SEMICONDUCTOR PACKAGE	6/27/2005	11/167,495	3/3/2009	7,498,201	US
NMXXI-0767.00/US	Utility - ORG	Issued	ELECTROSTATIC DISCHARGE PROTECTION UNIT INCLUDING EQUALIZATION	12/29/2002	10/329,058	5/15/2007	7,218,491	US
NMXXI-0768.00/US	Utility - ORG	Issued	TEST INTERFACE, SYSTEM, AND METHOD FOR TESTING COMMUNICATIONS DEVICES WITH NON-DETERMINISTIC LATENCY	7/22/2002	10/202,624	8/26/2008	7,418,639	US
NMXXI-0769.00/US	Utility - ORG	Abandoned	USING MULTIPLE SIMULATION ENVIRONMENTS	5/23/2003	10/445,272			US

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PATENT

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MTI-Desktop	Material Type	Material Status	Title	Filing Date	Serial No.	Issue Date	Inventing	Country
NMXXI-0770.00/US	Utility - ORG	Issued	REFRESHING MEMORY CELLS OF A PHASE CHANGE MATERIAL MEMORY DEVICE	8/5/2002	10/212,630	7/27/2004	6,768,665	US
NMXXI-0771.00/US	Utility - ORG	Issued	TUNABLE OPTICAL DISPERSION COMPENSATOR	4/17/2002	10/126,106	8/17/2004	6,776,493	US
NMXXI-0772.00/US	Utility - CON	Issued	METHOD TO REALIZE FAST SILICON-ON-INSULATOR (SOI) OPTICAL DEVICE	4/25/2006	11/411,059	11/7/2006	7,133,586	US
NMXXI-0772.01/US	Utility - DIV	Issued	METHOD TO REALIZE FAST SILICON-ON-INSULATOR (SOI) OPTICAL DEVICE	4/25/2006	11/410,591	11/7/2006	7,133,585	US
NMXXI-0773.00/US	Utility - CON	Issued	METHOD AND APPARATUS FOR WAFER LEVEL TESTING OF INTEGRATED OPTICAL WAVEGUIDE CIRCUITS	11/19/2004	10/994,021	6/20/2006	7,386,197	US
NMXXI-0774.00/US	Utility - ORG	Abandoned	BIT ERROR RATE TEST SYSTEM FOR MULTI-SOURCE AGREEMENT COMPLIANT TRANSCIVERS	12/20/2001	10/027,053			US
NMXXI-0775.00/US	Utility - ORG	Issued	ON-CHIP JITTER TESTING	12/26/2002	10/331,122	8/5/2008	7,409,621	US
NMXXI-0776.00/US	Utility - ORG	Issued	TESTING METHODOLOGY AND APPARATUS FOR INTERCONNECTS	12/16/2002	10/319,517	5/16/2005	7,047,458	US
NMXXI-0777.00/US	Utility - ORG	Abandoned	LCD CONTROLLER ARCHITECTURE FOR HANDLING FLUCTUATING BANDWIDTH CONDITIONS	1/31/2002	10/062,268			US
NMXXI-0778.00/US	Utility - ORG	Issued	INVERSE MULTIPLEXING OF MANAGED TRAFFIC FLOWS OVER A MULTI-STAR NETWORK	2/21/2002	10/080,329	10/30/2007	7,289,525	US
NMXXI-0779.00/US	Utility - ORG	Issued	WAFER-LEVEL TEST STRUCTURE FOR EDGE-EMITTING SEMICONDUCTOR LASERS	4/18/2002	10/126,348	2/20/2007	7,180,929	US
NMXXI-0779.01/US	Utility - DIV	Issued	WAFER-LEVEL TEST STRUCTURE FOR EDGE-EMITTING SEMICONDUCTOR LASERS	9/11/2003	10/659,898	10/17/2006	7,122,391	US
NMXXI-0780.00/US	Utility - ORG	Issued	SMALLER AND LOWER POWER STATIC MUX CIRCUITRY IN GENERATING MULTIPLEXER PARTIAL PRODUCT SIGNALS	12/5/2003	10/728,395	12/11/2007	7,308,470	US
NMXXI-0781.00/US	Utility - ORG	Issued	ELECTROSTATIC DISCHARGE PROTECTION CIRCUIT HAVING A RING OSCILLATOR TIMER CIRCUIT	4/24/2002	10/128,373	3/4/2008	7,339,770	US
NMXXI-0782.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR GENERATING GRAY CODE FOR ANY EVEN COUNT VALUE TO ENABLE EFFICIENT POINTER EXCHANGE MECHANISMS IN ASYNCHRONOUS FIFOs	6/28/2002	10/186,564	10/5/2004	6,801,143	US
NMXXI-0783.00/US	Utility - ORG	Issued	RATE POLICING ALGORITHM FOR PACKET FLOWS	5/21/2002	10/137,753	12/26/2006	7,154,853	US
NMXXI-0784.00/US	Utility - ORG	Issued	FLIP-CHIP PACKAGE INTEGRATING OPTICAL AND ELECTRICAL DEVICES AND COUPLING TO A WAVEGUIDE ON A BOARD	5/30/2002	10/158,250	6/22/2004	6,754,407	US
NMXXI-0784.01/US	Utility - CON	Issued	FLIP-CHIP PACKAGE INTEGRATING OPTICAL AND ELECTRICAL DEVICES AND COUPLING TO A WAVEGUIDE ON A BOARD	5/6/2004	10/840,017	5/23/2006	7,049,704	US
NMXXI-0785.00/US	Utility - ORG	Issued	APPARATUS AND METHODS FOR INTERCONNECTING COMPONENTS TO VIA-IN-PAD INTERCONNECTS	10/8/2002	10/267,158	12/7/2004	6,828,512	US
NMXXI-0787.00/US	Utility - ORG	Issued	DYNAMIC COMPUTATION OF CHIPSET-SUPPORTED ACCELERATED GRAPHICS PORT APERTURE SIZES	3/21/2002	10/104,042	8/23/2005	6,933,944	US
NMXXI-0787.01/US	Utility - CON	Issued	DYNAMIC COMPUTATION OF CHIPSET-SUPPORTED ACCELERATED GRAPHICS PORT APERTURE SIZES	6/29/2005	11/172,342	2/27/2007	7,184,050	US
NMXXI-0788.00/US	Utility - ORG	Issued	SLAVE I/O DRIVER CALIBRATION USING ERROR-MULLING MASTER REFERENCE	8/29/2002	10/231,863	3/20/2007	7,194,559	US
NMXXI-0789.00/US	Utility - ORG	Abandoned	LOW LATENCY MEMORY ACCESS METHOD USING UNIFIED QUEUE MECHANISM	9/23/2002	10/253,229			US
NMXXI-0790.00/US	Utility - ORG	Issued	UPDATING STACK POINTER BASED ON INSTRUCTION BIT INDICATOR WITHOUT EXECUTING AN UPDATE MICROINSTRUCTION	9/30/2002	10/262,214	7/18/2006	7,080,236	US
NMXXI-0791.00/US	Utility - ORG	Issued	CODE-BASED OPTICAL NETWORKS, METHODS, AND APPARATUS	11/17/1999	09/454,164	6/20/2006	7,065,298	US

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MTI-Decking	Material Type	Material Status	Title	Filing Date	Granting	Issue Date	Patent No.	Country
NMXXI-0792.00/US	Utility - ORG	Issued	METHOD, SYSTEM, AND PROGRAM FOR MEMORY BASED DATA TRANSFER	7/24/2002	10/205,546	10/19/2004	6,807,600	US
NMXXI-0793.00/PR	Prev - ORG	Expired	OPTICAL PHASE AND AMPLITUDE MEASUREMENT DEVICE	4/10/2001	60/282,961			US
NMXXI-0794.00/US	Utility - DIV	Abandoned	SEGMENTED COMPLEX DIFFRACTION GRATINGS	6/3/2005	11/145,251			US
NMXXI-0794.01/US	Utility - DIV	Abandoned	SEGMENTED COMPLEX DIFFRACTION GRATINGS	6/3/2005	11/144,583			US
NMXXI-0794.02/US	Utility - DIV	Abandoned	SEGMENTED COMPLEX DIFFRACTION GRATINGS	6/3/2005	11/145,291			US
NMXXI-0795.00/US	Utility - ORG	Issued	PHASE-CONTROLLED FIBER BRAGG GRATINGS AND MANUFACTURING METHODS	5/9/2002	10/142,329	6/7/2005	6,904,201	US
NMXXI-0795.00/US	Utility - ORG	Issued	CODE-SWITCHED OPTICAL NETWORK	11/13/2000	09/712,822	3/8/2005	6,865,344	US
NMXXI-0797.00/US	Utility - ORG	Issued	DYNAMIC POWER LEVEL CONTROL BASED ON A BOARD LATCH STATE	8/1/2002	10/211,465	9/27/2005	6,950,952	US
NMXXI-0798.00/US	Utility - ORG	Issued	CONFIGURABLE MULTI-PORT MULTI-PROTOCOL NETWORK INTERFACE TO SUPPORT PACKET PROCESSING	7/9/2002	10/190,851	1/9/2007	7,162,564	US
NMXXI-0799.00/US	Utility - ORG	Abandoned	TELEPHONE CONFERENCE BRIDGE PROVIDED VIA A PLURALITY OF COMPUTER TELEPHONE RESOURCE ALGORITHMS	3/29/2002	10/112,194			US
NMXXI-0800.00/US	Utility - ORG	Issued	DIGITAL CAMERA WITH ISO PICKUP SENSITIVITY ADJUSTMENT	2/1/2002	10/061,907	11/25/2008	7,456,868	US
NMXXI-0801.00/US	Utility - ORG	Issued	MEASURING OPTICAL PHASE	4/10/2002	10/119,501	7/20/2004	6,765,681	US
NMXXI-0802.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR INDEPENDENT CONTROL OF DEVICES UNDER TEST CONNECTED IN PARALLEL	10/24/2002	10/280,458	6/12/2007	7,231,552	US
NMXXI-0803.00/US	Utility - ORG	Issued	SLOW MOTION DETECTION SYSTEM	2/14/2002	10/076,817	2/20/2007	7,180,429	US
NMXXI-0804.00/US	Utility - ORG	Issued	ACCURATELY TUNING RESISTORS	4/19/2002	10/126,402	3/1/2005	6,862,714	US
NMXXI-0805.00/US	Utility - ORG	Abandoned	COMPACTING CIRCUIT RESPONSES	3/27/2002	10/107,628	2/27/2007	7,185,253	US
NMXXI-0805.01/US	Utility - CON	Issued	COMPACTING CIRCUIT RESPONSES	10/17/2005	11/251,664	10/12/2010	7,814,383	US
NMXXI-0806.00/US	Utility - ORG	Issued	METHODS AND APPARATUS FOR DETERMINING A FLOATING-POINT EXPONENT ASSOCIATED WITH AN UNDERFLOW CONDITION OR AN OVERFLOW CONDITION	4/8/2002	10/118,349	9/18/2007	7,272,623	US
NMXXI-0807.00/US	Utility - ORG	Issued	CLUSTER BASED REDUNDANCY SCHEME FOR SEMICONDUCTOR MEMORIES	7/16/2002	10/196,401	6/21/2005	6,909,645	US
NMXXI-0808.00/US	Utility - ORG	Issued	EXECUTING APPLICATIONS FROM A SEMICONDUCTOR NONVOLATILE MEMORY	8/8/2002	10/215,549	3/8/2011	7,904,897	US
NMXXI-0808.01/US	Utility - CON	Pending	EXECUTING APPLICATIONS FROM A SEMICONDUCTOR NONVOLATILE MEMORY	3/7/2011	13/041,541			US
NMXXI-0809.00/US	Utility - ORG	Issued	FORMING FERROELECTRIC POLYMER MEMORIES	5/31/2002	10/160,641	6/1/2010	7,727,777	US
NMXXI-0810.00/US	Utility - ORG	Issued	IN-SITU SEQUENTIAL HIGH DENSITY PLASMA DEPOSITION AND ETCH PROCESSING FOR GAP FILL	9/6/2002	10/236,203	5/29/2007	7,223,701	US
NMXXI-0811.00/US	Utility - ORG	Issued	PROMOTING ADHESION OF FLUOROPOLYMER FILMS TO SEMICONDUCTOR SUBSTRATES	4/24/2002	10/131,017	3/2/2004	6,699,798	US
NMXXI-0812.00/US	Utility - ORG	Abandoned	DATA LINK ANALYZER	9/10/2002	10/238,669			US
NMXXI-0813.00/US	Utility - ORG	Issued	SYSTEM AND METHOD TO ANALYZE VLSI DESIGNS	12/31/2002	10/334,113	4/10/2007	7,203,631	US
NMXXI-0814.00/US	Utility - ORG	Issued	ADAPTIVE EQUALIZATION USING A CONDITIONAL UPDATE SIGN-SIGN LEAST MEAN SQUARE ALGORITHM	9/10/2003	10/660,228	10/30/2007	7,289,557	US
NMXXI-0815.00/US	Utility - ORG	Issued	FUTURE ACTIVITY LIST FOR PERIPHERAL BUS HOST CONTROLLER	6/6/2003	10/456,185	6/12/2007	7,231,468	US
NMXXI-0817.00/US	Utility - ORG	Issued	SPEED CONTROL PLAYBACK OF PARAMETRIC SPEECH ENCODED DIGITAL AUDIO	7/23/2002	10/200,328	7/3/2007	7,239,999	US
NMXXI-0818.00/US	Utility - ORG	Issued	DATA PACKET HEADER CONVERSION	8/14/2002	10/217,644	1/29/2008	7,324,516	US
NMXXI-0818.00/US	Utility - ORG	Issued	DETERMINISTIC BANDWIDTH THROTTLING TO FACILITATE OPERATION OF A CONTROL UNIT	9/27/2002	10/256,475	1/9/2007	7,161,908	US

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MTI-Depto	Matter Type	Matter Status	Title	Filed	Serial No.	Issue Date	Inventors	Country
NMXXI-0819.00/US	Utility - ORG	Issued	OPTICAL THUMBTRACK	12/31/2002	10/334,749	9/15/2004	6,792,179	US
NMXXI-0820.00/US	Utility - ORG	Issued	ISOLATING PHASE CHANGE MEMORY DEVICES	12/13/2002	10/319,183	9/18/2007	7,271,403	US
NMXXI-0821.00/US	Utility - ORG	Issued	EFFICIENT ECHO CANCELLATION TECHNIQUES	10/30/2002	10/284,724	1/2/2007	7,158,631	US
NMXXI-0822.00/US	Utility - ORG	Issued	PHOTOACTIVE ADHESION PROMOTER	11/4/2002	10/288,021	3/10/2009	7,501,230	US
NMXXI-0822.01/US	Utility - DIV	Abandoned	PHOTOACTIVE ADHESION PROMOTER	8/12/2004	10/917,679			US
NMXXI-0822.02/US	Utility - CON	Issued	FLASH ASSISTED ANNEALING	11/24/2008	12/277,114	11/3/2009	7,611,828	US
NMXXI-0823.00/US	Utility - ORG	Issued	FORMING PLANARIZED SEMICONDUCTOR STRUCTURES	7/31/2002	10/210,866	5/29/2007	7,223,660	US
NMXXI-0824.00/US	Utility - DIV	Abandoned	FORMING PLANARIZED SEMICONDUCTOR STRUCTURES	12/16/2005	11/303,417			US
NMXXI-0825.00/US	Utility - ORG	Abandoned	DIGITAL PHASE DETECTION WITH JITTER FILTER	12/31/2002	10/335,012			US
NMXXI-0826.00/US	Utility - ORG	Issued	OPTICAL STORAGE TRANSFER PERFORMANCE	12/31/2002	10/335,049	10/26/2004	6,810,443	US
NMXXI-0827.00/US	Utility - ORG	Issued	METHODS AND APPARATUS FOR CONFIGURING HARDWARE RESOURCES IN A PRE-BOOT ENVIRONMENT WITHOUT REQUIRING A SYSTEM RESET	10/30/2002	10/289,920	6/26/2007	7,237,102	US
NMXXI-0828.00/US	Utility - ORG	Issued	GENERATING ANIMATION FROM VISUAL AND AUDIO INPUT	10/7/2002	10/266,226	8/14/2007	7,257,538	US
NMXXI-0829.00/US	Utility - ORG	Issued	PHASE CHANGE MEMORY AND METHOD THEREFOR	12/13/2002	10/318,984	4/17/2007	7,205,562	US
NMXXI-0830.00/US	Utility - ORG	Issued	SURFACE MOUNT TECHNOLOGY TO VIA-IN-PAD INTERCONNECTIONS	12/20/2002	10/326,901	8/9/2005	6,927,346	US
NMXXI-0831.00/US	Utility - DIV	Issued	METHOD AND APPARATUS FOR REDUCING ELECTRICAL INTERCONNECTION FATIGUE	12/26/2006	11/616,164	1/5/2010	7,642,660	US
NMXXI-0832.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR INTEGRATED CIRCUIT DATAPATH LAYOUT USING A VECTOR EDITOR	9/30/2003	10/676,893	5/20/2008	7,376,922	US
NMXXI-0833.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR INTEGRATED CIRCUIT SELF-DESCRIPTION	6/30/2003	10/610,713	3/24/2009	7,509,548	US
NMXXI-0834.00/US	Utility - ORG	Abandoned	COMPACT INPUT/OUTPUT SIGNAL DRIVER FOR ELECTROSTATIC DISCHARGE PROTECTION	10/25/2002	10/280,926			US
NMXXI-0835.00/US	Utility - ORG	Abandoned	CODOPING OF SOURCE DRAINS USING CARBON OR FLUORINE ION IMPLANTS TO IMPROVE POLYSILICON DELETION	11/27/2002	10/306,320			US
NMXXI-0836.00/US	Utility - DIV	Abandoned	USING BENZOCYCLOBUTENE BASED POLYMERS AS UNDERFILL MATERIALS	9/10/2004	10/939,226			US
NMXXI-0837.00/US	Utility - ORG	Issued	ANALYZING INTERCONNECT STRUCTURES	10/28/2002	10/281,857	10/30/2007	7,289,945	US
NMXXI-0838.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR LASER ANNEALING	12/12/2002	10/319,310	5/1/2007	7,211,501	US
NMXXI-0839.00/US	Utility - ORG	Abandoned	PRONUNCIATION NETWORK	12/30/2002	10/330,537			US
NMXXI-0840.00/US	Utility - ORG	Issued	PORTABLE COMPUTING DEVICE ADAPTED TO UPDATE DISPLAY INFORMATION WHILE IN A LOW POWER MODE	11/5/2002	10/289,081	7/17/2007	7,245,945	US
NMXXI-0840.01/US	Utility - CON	Abandoned	PORTABLE COMPUTING DEVICE ADAPTED TO UPDATE DISPLAY INFORMATION WHILE IN A LOW POWER MODE	1/24/2006	11/338,932			US
NMXXI-0841.00/US	Utility - DIV	Abandoned	HEATING OPTICAL DEVICES	6/13/2005	11/151,010	2/13/2007	7,177,502	US
NMXXI-0842.00/US	Utility - ORG	Issued	USING A TRANSVERSAL FILTER TO COMPENSATE FOR DISPERSION	4/8/2003	10/409,287	8/30/2005	6,937,794	US
NMXXI-0843.00/US	Utility - ORG	Issued	MECHANISM TO GUARANTEE FORWARD PROGRESS FOR INCOMING COHERENT INPUT/OUTPUT (I/O) TRANSACTIONS FOR CACHING I/O AGENT ON ADDRESS CONFLICT WITH PROCESSOR TRANSACTIONS	12/19/2002	10/324,863	12/14/2004	6,832,268	US
NMXXI-0843.01/US	Utility - CON	Issued	MECHANISM TO GUARANTEE FORWARD PROGRESS FOR INCOMING COHERENT INPUT/OUTPUT (I/O) TRANSACTIONS FOR CACHING I/O AGENT ON ADDRESS CONFLICT WITH PROCESSOR TRANSACTIONS	10/21/2004	10/970,015	6/10/2008	7,386,643	US

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MT- Docket	Make Type	Make Status	Title	Filing Date	Serial No.	Issue Date	Patent No.	Country
NMXXI-0844.00/US	Utility - ORG	Issued	SYSTEM AND METHOD FOR EFFICIENTLY MODULATING DATA USING SYMBOLS HAVING MORE THAN ONE PULSE	2/18/2003	10/369,933	11/18/2008	7,453,950	US
NMXXI-0845.00/US	Utility - ORG	Abandoned	REMOVING FLUORINE-BASED PLASMA ETCH RESIDUES	10/23/2002	10/278,535			US
NMXXI-0846.00/US	Utility - ORG	Issued	APPARATUS AND METHOD FOR TIME SYNCHRONIZATION OF A PLURALITY OF MULTIMEDIA STREAMS	11/14/2002	10/294,271	4/4/2006	7,024,575	US
NMXXI-0847.00/US	Utility - ORG	Issued	STIMULUS GENERATION	12/11/2002	10/317,605	7/3/2007	7,240,260	US
NMXXI-0848.00/US	Utility - ORG	Abandoned	SYSTEM AND PROCESS TO CONTROL ELECTROPLATING A METAL ONTO A SUBSTRATE	6/20/2003	10/465,666			US
NMXXI-0849.00/US	Utility - ORG	Issued	METHODS TO PATTERN CONTACTS USING CHROMELESS PHASE SHIFT MASKS	11/25/2002	10/304,303	5/20/2008	7,374,865	US
NMXXI-0849.01/US	Utility - DIV	Abandoned	METHODS TO PATTERN CONTACTS USING CHROMELESS PHASE SHIFT MASKS	4/18/2008	12/106,211			US
NMXXI-0850.00/US	Utility - ORG	Abandoned	THERMAL MANAGEMENT FOR TELECOMMUNICATION DEVICES	1/3/2003	10/336,629			US
NMXXI-0851.00/US	Utility - CRP	Issued	INTERCONNECTION DESIGNS AND MATERIALS HAVING IMPROVED STRENGTH AND FATIGUE LIFE	4/30/2003	10/427,168	6/17/2008	7,387,827	US
NMXXI-0851.01/US	Utility - DIV	Pending	INTERCONNECTION DESIGNS AND MATERIALS HAVING IMPROVED STRENGTH AND FATIGUE LIFE	4/9/2008	12/100,380			US
NMXXI-0852.00/US	Utility - ORG	Abandoned	LOW POWER ADDER CIRCUIT UTILIZING BOTH STATIC AND DYNAMIC LOGIC	4/30/2003	10/426,044			US
NMXXI-0853.00/US	Utility - ORG	Abandoned	LOW POWER ADDER	4/30/2003	10/425,987			US
NMXXI-0854.00/US	Utility - ORG	Abandoned	APPARATUS AND METHOD TO PROVIDE MULTITHREADED COMPUTER PROCESSING	5/9/2003	10/435,347			US
NMXXI-0855.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR PREFETCHING BASED UPON TYPE IDENTIFIER TAGS	6/2/2003	10/453,115			US
NMXXI-0856.00/US	Utility - DIV	Issued	METHODS OF FORMING A HIGH CONDUCTIVITY DIAMOND FILM AND STRUCTURES FORMED THEREBY	10/25/2004	10/973,161	8/26/2008	7,417,255	US
NMXXI-0856.01/US	Utility - DIV	Issued	METHODS OF FORMING A HIGH CONDUCTIVITY DIAMOND FILM AND STRUCTURES FORMED THEREBY	4/4/2005	11/100,885	6/30/2009	7,553,694	US
NMXXI-0857.00/US	Utility - ORG	Issued	METHODS OF FORMING A HIGH CONDUCTIVITY DIAMOND FILM AND STRUCTURES FORMED THEREBY	4/22/2003	10/421,287	5/1/2007	7,213,142	US
NMXXI-0858.00/US	Utility - ORG	Issued	SYSTEM AND METHOD TO INITIALIZE REGISTERS WITH AN EEPROM STORED BOOT SEQUENCE	7/15/2003	10/620,469	4/3/2007	7,200,060	US
NMXXI-0859.00/US	Utility - ORG	Abandoned	MEMORY DRIVER ARCHITECTURE AND ASSOCIATED METHODS	5/1/2003	10/427,377			US
NMXXI-0860.00/US	Utility - ORG	Issued	SMART CONTROL POINTS	3/5/2003	10/382,680	9/11/2007	7,268,425	US
NMXXI-0861.00/US	Utility - ORG	Abandoned	THERMALLY ENHANCED ELECTRONIC FLIP-CHIP PACKAGING WITH EXTERNAL-CONNECTOR SIDE DIE AND METHOD	6/30/2003	10/609,963			US
NMXXI-0862.00/US	Utility - ORG	Issued	POST-DEPOSITION MODIFICATION OF INTERLAYER DIELECTRICS	12/31/2002	10/334,841	4/17/2007	7,205,074	US
NMXXI-0863.00/US	Utility - ORG	Issued	VENTING OF PELUCLE CAVITY FOR A MASK	3/4/2003	10/379,061	2/13/2007	7,176,122	US
NMXXI-0864.00/US	Utility - ORG	Abandoned	DIELECTRIC WITH SIDEWALL PASSIVATING LAYER	6/13/2003	10/461,217			US
NMXXI-0865.00/US	Utility - ORG	Issued	METHOD AND APPARATUS TO CHARACTERIZE AN ELECTRONIC DEVICE	6/13/2003	10/461,217			US
NMXXI-0866.00/US	Utility - ORG	Issued	METHOD AND APPARATUS TO CREATE BYPASS LOGIC IN A DIGITAL CIRCUIT DESIGN	6/26/2003	10/606,868	11/20/2007	7,299,425	US
NMXXI-0867.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR TRUSTED KEYBOARD SCANNING	9/30/2003	10/676,888	12/5/2006	7,145,481	US
NMXXI-0868.00/US	Utility - ORG	Issued	DYNAMIC BIOS EXECUTION AND CONCURRENT UPDATE FOR A BLADE SERVER	5/29/2003	10/448,696	11/28/2006	7,143,279	US
NMXXI-0869.00/US	Utility - ORG	Issued	ELIMINATION OF POTENTIAL REMAINING STALLS DUE TO USE OF PARTIAL REGISTERS	6/30/2003	10/608,121	1/9/2007	7,162,614	US
NMXXI-0869.00/US	Utility - ORG	Issued	PCB DESIGN AND METHOD FOR PROVIDING VENTED BLIND VIAS	5/20/2003	10/442,834	9/7/2004	6,787,443	US

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MTI-Details	Material Type	Metzle Status	Title	File Date	Serial No.	Issue Date	Patent No.	Country
NMXXI-0869.01/US	Utility - DIV	Abandoned	PCB DESIGN AND METHOD FOR PROVIDING VENTED BLIND VIAS	6/17/2004	10/870,506			US
NMXXI-0870.00/US	Utility - ORG	Issued	BOND FINGER ON VIA SUBSTRATE, PROCESS OF MAKING SAME, PACKAGE MADE THEREBY, AND METHOD OF ASSEMBLING SAME	6/30/2003	10/612,281	12/4/2007	7,302,756	US
NMXXI-0871.00/US	Utility - ORG	Issued	CONNECTION APPARATUS, SYSTEMS, AND METHODS	3/31/2003	10/405,098	10/25/2005	6,958,450	US
NMXXI-0872.00/US	Utility - ORG	Issued	APPARATUS AND METHOD FOR COMBINING WAITES TO I/O	3/28/2003	10/402,125	4/17/2007	7,206,865	US
NMXXI-0873.00/US	Utility - ORG	Issued	TIMING ANALYSIS APPARATUS, SYSTEMS, AND METHODS	6/9/2003	10/458,537	11/20/2007	7,299,433	US
NMXXI-0874.00/US	Utility - ORG	Issued	SELECTIVE CONTROL OF TEST-ACCESS PORTS IN INTEGRATED CIRCUITS	6/30/2003	10/612,293	7/29/2008	7,406,641	US
NMXXI-0875.00/US	Utility - ORG	Issued	TEST SCAN CELLS	5/13/2003	10/436,775	10/14/2008	7,437,634	US
NMXXI-0876.00/US	Utility - ORG	Issued	LEAKAGE CONTROL IN INTEGRATED CIRCUITS	3/31/2003	10/404,937	11/27/2007	7,302,652	US
NMXXI-0877.00/US	Utility - ORG	Abandoned	MODIFIED ELECTROPLATING SOLUTION COMPONENTS IN A HIGH-ACID ELECTROLYTE SOLUTION	10/8/2003	10/682,275			US
NMXXI-0878.00/US	Utility - ORG	Issued	MODIFIED ELECTROPLATING SOLUTION COMPONENTS IN A LOW-ACID ELECTROLYTE SOLUTION	10/8/2003	10/682,276	5/13/2008	7,374,311	US
NMXXI-0878.01/US	Utility - DIV	Abandoned	MODIFIED ELECTROPLATING SOLUTION COMPONENTS IN A LOW-ACID ELECTROLYTE SOLUTION					US
NMXXI-0879.00/US	Utility - ORG	Issued	VARIABLE LATCH	8/19/2005	11/207,305			US
NMXXI-0879.01/US	Utility - DIV	Abandoned	VARIABLE LATCH	3/18/2003	10/391,893	1/9/2007	7,180,127	US
NMXXI-0880.00/US	Utility - ORG	Abandoned	METHOD, APPARATUS AND SYSTEM FOR CREATING EFFICIENT UPNP CONTROL POINTS	11/20/2006	11/561,684			US
NMXXI-0881.00/US	Utility - ORG	Issued	INTEGRATED CIRCUIT WITH IMPROVED CHANNEL STRESS PROPERTIES AND A METHOD FOR MAKING IT	5/21/2003	10/443,152	5/16/2006	7,045,408	US
NMXXI-0882.00/US	Utility - ORG	Issued	OSCILLATOR SYSTEM WITH SWITCHED-CAPACITOR NETWORK AND METHOD FOR GENERATING A PRECISION TIME REFERENCE	5/22/2003	10/444,311	3/1/2005	6,861,917	US
NMXXI-0883.00/US	Utility - ORG	Abandoned	TOPOLOGY BASED REPLACEMENT ROUTING OF SIGNAL PATHS	6/30/2003	10/610,855			US
NMXXI-0884.00/US	Utility - ORG	Issued	REUSABLE, BUILT-IN-SELF-TEST METHODOLOGY FOR COMPUTER SYSTEMS	3/20/2003	10/399,223	12/26/2006	7,155,370	US
NMXXI-0885.00/US	Utility - ORG	Issued	PUSH BUTTON MODE AUTOMATIC PATTERN SWITCHING FOR INTERCONNECT BUILT-IN SELF TEST	3/31/2003	10/404,405	11/30/2004	6,826,100	US
NMXXI-0886.00/US	Utility - ORG	Issued	METHOD AND PROCESS FOR DETERMINING A QUOTIENT	6/3/2003	10/454,790	7/1/2008	7,395,501	US
NMXXI-0887.00/US	Utility - ORG	Abandoned	TECHNIQUES TO PERFORM LINE QUALIFICATION	6/6/2003	10/457,092			US
NMXXI-0888.00/FR	Prox - ORG	Expired	ENHANCED GPS MOBILITY MANAGEMENT	2/14/2003	60/447,965			US
NMXXI-0888.00/US	Utility - ORG	Abandoned	ENHANCED GENERAL PACKET RADIO SERVICE (GPRS) MOBILITY MANAGEMENT	9/15/2003	10/663,165			US
NMXXI-0889.00/US	Utility - ORG	Issued	CONTROLLING THE LOCATION OF CONDUCTION BREAKDOWN IN PHASE CHANGE MEMORIES	8/4/2003	10/633,869	4/18/2006	7,029,978	US
NMXXI-0890.00/US	Utility - ORG	Abandoned	DEVICE, SYSTEM, AND METHOD FOR CHANNEL SCANNING	6/26/2003	10/603,859			US
NMXXI-0891.00/US	Utility - ORG	Issued	STROBE THROUGH DIFFERENTIAL SIGNALING	4/30/2003	10/427,163	1/11/2005	6,842,133	US
NMXXI-0892.00/US	Utility - ORG	Issued	APPARATUS AND METHOD FOR ADAPTING A LEVEL SENSITIVE DEVICE TO PRODUCE EDGE-TRIGGERED BEHAVIOR	5/30/2003	10/449,332	4/18/2006	7,032,149	US
NMXXI-0892.01/US	Utility - CON	Issued	APPARATUS AND METHOD FOR ADAPTING A LEVEL SENSITIVE DEVICE TO PRODUCE EDGE-TRIGGERED BEHAVIOR	12/28/2005	11/321,012	4/24/2007	7,210,079	US
NMXXI-0893.00/US	Utility - DIV	Issued	METHOD AND AN APPARATUS FOR A HARD-CODED BIT VALUE CHANGEABLE IN ANY LAYER OF METAL	2/1/2005	11/049,435	2/5/2008	7,326,973	US
NMXXI-0893.01/US	Utility - DIV	Issued	METHOD AND AN APPARATUS FOR A HARD-CODED BIT VALUE CHANGEABLE IN ANY LAYER OF METAL	2/1/2005	11/049,524	12/11/2007	7,307,295	US
NMXXI-0894.00/US	Utility - DIV	Abandoned	COMMUNICATION REGISTERS FOR PROCESSING ELEMENTS	8/31/2006	11/514,802			US

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MTI-Draino	Market Type	Market Status	Title	Filed Date	Serial No.	Issued Date	Patent No.	Country
NMXXI-0895.00/US	Utility - ORG	Abandoned	MANAGING A CACHE WITH PINNED DATA	7/28/2003	10/629,093			US
NMXXI-0896.00/US	Utility - ORG	Abandoned	MULTI-CONFERENCE STREAM MIXING	11/26/2003	10/723,413			US
NMXXI-0897.00/US	Utility - ORG	Issued	APPARATUS, SYSTEM AND METHOD FOR UPDATING A SORTED LIST	6/30/2003	10/609,954	3/27/2007	7,197,498	US
NMXXI-0898.00/US	Utility - ORG	Abandoned	MEDIA CENTER STORAGE DEVICE PROXY	5/22/2003	10/428,286			US
NMXXI-0899.00/US	Utility - ORG	Abandoned	PASS THROUGH MODE FOR A PERSONAL VIDEO RECORDER	6/17/2003	10/463,651			US
NMXXI-0900.00/US	Utility - ORG	Abandoned	APPARATUS, SYSTEM AND METHOD FOR PERFORMING TABLE MAINTENANCE	6/30/2003	10/610,104			US
NMXXI-0901.00/US	Utility - ORG	Abandoned	SECURE COMPUTER TELEPHONE INTEGRATION ACCESS	9/14/2003	10/660,876			US
NMXXI-0902.00/US	Utility - ORG	Issued	METHOD AND APPARATUS TO PERFORM TASK SCHEDULING	9/23/2003	10/669,309	9/22/2009	7,594,228	US
NMXXI-0903.00/US	Utility - ORG	Issued	TECHNIQUES TO TEST SIGNAL PROPAGATION MEDIA	6/6/2003	10/456,076	7/18/2006	7,078,912	US
NMXXI-0904.00/US	Utility - ORG	Abandoned	MODULAR CONTENT ADDRESSABLE MEMORY	6/30/2003	10/609,714			US
NMXXI-0905.00/US	Utility - ORG	Issued	NETWORK STATISTICS	7/28/2003	10/628,997	10/30/2007	7,289,455	US
NMXXI-0906.00/US	Utility - ORG	Issued	SYSTEMS AND METHODS FOR USING HDLC CHANNEL CONTEXT TO SIMULTANEOUSLY PROCESS MULTIPLE HDLC CHANNELS	9/4/2003	10/655,565	1/8/2008	7,317,737	US
NMXXI-0907.00/US	Utility - ORG	Issued	SYMBOLIC BUFFER ALLOCATION IN LOCAL CACHE AT A NETWORK PROCESSING ELEMENT	10/31/2003	10/699,638	11/21/2006	7,140,023	US
NMXXI-0908.00/US	Utility - DIV	Issued	WIRE-BONDED PACKAGE WITH ELECTRICALLY INSULATING WIRE ENCAPSULANT AND THERMALLY CONDUCTIVE OVERMOLD	12/9/2003	10/731,177	11/28/2006	7,141,454	US
NMXXI-0909.00/US	Utility - ORG	Issued	APPARATUS FOR PRECISE ALIGNMENT OF PACKAGING CAPS ON A SUBSTRATE	6/30/2003	10/611,215	10/2/2007	7,275,312	US
NMXXI-0910.00/US	Utility - CON	Issued	I/O ARCHITECTURE FOR INTEGRATED CIRCUIT PACKAGE	2/23/2005	11/063,963	2/12/2008	7,329,946	US
NMXXI-0911.00/US	Utility - ORG	Issued	ELECTRICAL DEVICE CONNECTOR	6/20/2003	10/600,668	12/14/2004	6,830,470	US
NMXXI-0912.00/US	Utility - ORG	Abandoned	HIERARCHICAL REORDER BUFFERS FOR CONTROLLING SPECULATIVE EXECUTION IN A MULTI-CLUSTER SYSTEM	6/30/2003	10/611,380			US
NMXXI-0913.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR ENABLING AN ADAPTIVE REPLAY LOOP IN A PROCESSOR	12/30/2003	10/749,271			US
NMXXI-0914.00/US	Utility - ORG	Issued	MEMORY ARRAY WITH STAGED OUTPUT	12/19/2003	10/739,268	2/21/2006	7,002,873	US
NMXXI-0915.00/US	Utility - ORG	Issued	METHODS AND APPARATUS FOR MANUFACTURING ULTRA THIN DEVICE LAYERS FOR INTEGRATED CIRCUIT DEVICES	9/11/2003	10/661,738	8/15/2006	7,091,108	US
NMXXI-0916.00/US	Utility - ORG	Abandoned	SUBSTRATE CARRIER FOR SURFACE PLANARIZATION	6/30/2004	10/883,404			US
NMXXI-0917.00/US	Utility - ORG	Abandoned	SYSTEM AND METHOD FOR MULTIPLE ENGINE PROCESSING INSTRUCTIONS	8/15/2003	10/641,614			US
NMXXI-0918.00/US	Utility - ORG	Issued	PASSING PARAMETERS BY IMPULSIT REFERENCE	9/30/2003	10/677,081	4/8/2008	7,356,812	US
NMXXI-0919.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR LIMITING PORTS IN A REGISTER ALIAS TABLE HAVING HIGH-BANDWIDTH AND LOW-BANDWIDTH STRUCTURES	10/22/2003	10/692,436	9/18/2007	7,272,701	US
NMXXI-0920.00/US	Utility - ORG	Issued	PRIORITIZED ADDRESS DECODER	9/19/2003	10/666,077	10/27/2009	7,610,611	US
NMXXI-0921.00/US	Utility - DIV	Abandoned	ACTIVE PHASE CANCELLATION FOR INDUCTOR / CAPACITOR NETWORKS	8/4/2005	11,197,806			US
NMXXI-0922.00/US	Utility - ORG	Issued	DYNAMICALLY RECONFIGURABLE OPTICAL SWITCHING SYSTEM	4/20/2001	09/839,848	6/3/2003	6,574,386	US
NMXXI-0923.00/US	Utility - ORG	Issued	CONTROLLED BREAKDOWN PHASE CHANGE MEMORY DEVICE	9/10/2004	10/939,237	3/25/2008	7,348,268	US
NMXXI-0925.00/US	Utility - ORG	Issued	METHOD, SYSTEM, AND ARTICLE OF MANUFACTURE FOR RUNNING DIAGNOSTICS RELATED TO A DEVICE	12/19/2003	10/742,218	4/18/2006	7,031,881	US
NMXXI-0926.00/US	Utility - ORG	Issued	SECURE BOOTING AND PROVISIONING	12/24/2003	10/746,975	4/17/2007	7,207,039	US
NMXXI-0927.00/US	Utility - ORG	Abandoned	USE OF ALTERNATIVE POLYMER MATERIALS FOR "SOFT" POLYMER PELLUCLES	3/12/2004	10/799,928			US
NMXXI-0928.00/US	Utility - ORG	Issued	PREDICTIVE FILTERING OF REGISTER CACHE ENTRY	12/30/2003	10/747,625	1/30/2007	7,171,545	US

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MTI-DeKtNo	MatterType	MatterStatus	Title	Priority	SerialNo	IssueDate	PatentNo	Country
NMXXI-0929.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR PREDICTION FOR FORK AND JOIN INSTRUCTIONS IN SPECULATIVE EXECUTION	12/8/2003	10/731,567	2/20/2007	7,181,601	US
NMXXI-0930.00/US	Utility - ORG	Issued	FRONT SIDE HOT-SWAP CHASSIS MANAGEMENT MODULE	12/29/2003	10/748,385	2/6/2007	7,123,817	US
NMXXI-0931.00/US	Utility - ORG	Issued	FORMING PHASE CHANGE MEMORY ARRAYS	9/10/2004	10/939,145	8/21/2007	7,259,023	US
NMXXI-0932.00/US	Utility - ORG	Issued	MEMORY REUSE FOR MULTIPLE ENDPOINTS IN USB DEVICE	11/12/2004	10/988,417	10/20/2009	7,606,951	US
NMXXI-0933.00/US	Utility - ORG	Abandoned	USB ON-THE-GO IMPLEMENTATION	11/17/2004	10/992,250			US
NMXXI-0934.00/US	Utility - ORG	Issued	REWRITABLE FUSE MEMORY	12/23/2003	10/744,664	10/30/2007	7,289,382	US
NMXXI-0935.00/US	Utility - ORG	Abandoned	HYBRID BRANCH PREDICTION	3/22/2004	10/805,947			US
NMXXI-0936.00/US	Utility - ORG	Issued	PRIORITIZATION OF NETWORK TRAFFIC	7/7/2004	10/885,821	7/27/2010	7,764,709	US
NMXXI-0937.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR DEDICATING CACHE ENTRIES TO CERTAIN STREAMS FOR PERFORMANCE OPTIMIZATION	2/20/2004	10/783,621	9/14/2010	7,797,492	US
NMXXI-0938.00/US	Utility - ORG	Issued	METHOD AND APPARATUS TO MANAGE EXCEPTIONS IN NETWORK PROCESSORS	6/8/2004	10/863,661	10/21/2008	7,441,268	US
NMXXI-0939.00/US	Utility - ORG	Abandoned	METHOD, APPARATUS AND SYSTEM FOR DATA INTEGRITY OF STATE RETENTIVE ELEMENTS UNDER LOW POWER MODES	9/30/2004	10/956,994			US
NMXXI-0940.00/US	Utility - ORG	Issued	PRINT STRIPPER FOR ESD CONTROL	8/31/2004	10/930,251	9/18/2007	7,270,056	US
NMXXI-0941.00/US	Utility - ORG	Issued	GROUND PLANE FOR INTEGRATED CIRCUIT PACKAGE	6/21/2004	10/873,817	12/26/2006	7,154,175	US
NMXXI-0942.00/US	Utility - ORG	Issued	COMPULANT MULTI-COMPOSITION INTERCONNECTS	4/26/2004	10/832,178	7/15/2008	7,400,041	US
NMXXI-0943.00/US	Utility - ORG	Abandoned	TECHNIQUES FOR TRANSDUCTION OF A MATRIX ARRANGED IN A MEMORY AS MULTIPLE ITEMS PER WORD	2/2/2005	11/050,369			US
NMXXI-0944.00/US	Utility - ORG	Issued	METHODS AND APPARATUSES FOR PROVIDING STACKED-DIE DEVICES	8/11/2004	10/917,142	3/6/2007	7,187,068	US
NMXXI-0944.01/US	Utility - DIV	Issued	METHODS AND APPARATUSES FOR PROVIDING STACKED-DIE DEVICES	8/24/2005	11,123,015	1/11/2011	7,867,818	US
NMXXI-0945.00/US	Utility - ORG	Issued	METHOD AND APPARATUS TO WRITE BACK DATA	3/10/2004	10/799,555	8/19/2008	7,425,577	US
NMXXI-0946.00/US	Utility - ORG	Abandoned	APPARATUS AND METHOD OF DYNAMIC USAGE PROFILE ACQUISITION AND UTILIZATION IN A WIRELESS MOBILE DEVICE	6/15/2004	10/868,703			US
NMXXI-0947.00/US	Utility - ORG	Abandoned	A METHOD AND APPARATUS FOR MULTIPROCESSOR EMBEDDED DEBUGGING SUPPORT VIA ATTACHMENT OF BREAKPOINT BIT FIELDS TO INSTRUCTIONS AND DEBUG REGISTER FIELD MANIPULATION	3/31/2004	10/815,904			US
NMXXI-0948.00/US	Utility - ORG	Issued	ELECTROMAGNETIC INTERFERENCE (EMI) FILTER WITH PASSIVE NOISE CANCELLATION	6/30/2004	10/883,610	2/27/2007	7,183,500	US
NMXXI-0949.00/US	Utility - ORG	Issued	QUEUE STRUCTURE WITH VALIDITY VECTOR AND ORDER ARRAY	6/23/2004	10/874,998	7/24/2007	7,249,230	US
NMXXI-0950.00/US	Utility - ORG	Abandoned	METHOD, SYSTEM, AND PROGRAM FOR OPTIMIZING CODE	3/19/2004	10/805,106			US
NMXXI-0951.00/US	Utility - ORG	Abandoned	PROGRAMMABLE CURRENT LOAD SYSTEMS AND METHODS	3/31/2005	11,095,950			US
NMXXI-0952.00/US	Utility - ORG	Abandoned	NON STROBE SENSING CIRCUIT	2/9/2005	11,053,786			US
NMXXI-0953.00/US	Utility - ORG	Abandoned	FLIP-CHIPS ON FLEX SUBSTRATES, FLIP-CHIP AND WIRE-BONDED CHIP STACKS, AND METHODS OF ASSEMBLING SAME	8/10/2004	10/915,293			US
NMXXI-0954.00/US	Utility - ORG	Issued	METHOD, SYSTEM, AND APPARATUS FOR TRACKING DEFECTIVE CACHE LINES	7/16/2004	10/893,015	5/27/2008	7,380,180	US
NMXXI-0955.00/US	Utility - ORG	Abandoned	DETERMINING AVAILABLE BANDWIDTH IN A NETWORK	6/30/2004	10/883,107			US
NMXXI-0956.00/US	Utility - ORG	Issued	INTERCONNECT STRUCTURE IN INTEGRATED CIRCUITS	6/30/2004	10/880,988	2/5/2008	7,326,972	US
NMXXI-0957.00/US	Utility - ORG	Issued	INITIALIZING PHASE CHANGE MEMORIES	6/30/2004	10/881,664	1/29/2008	7,323,707	US
NMXXI-0958.00/US	Utility - ORG	Abandoned	OVERHEAD PROCESSING AND GENERATION TECHNIQUES	9/29/2004	10/954,947			US
NMXXI-0959.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR CHANNEL HEALTH ENCODING	12/27/2004	11,015,965			US

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MT-Definite	Material Type	Material Status	Title	File Date	Serial No.	Issue Date	Patent No.	Country
NMXXI-0960.00/US	Utility - ORG	Issued	CASCADED CONNECTION MATRICES IN A DISTRIBUTED CROSS-CONNECTION SYSTEM	12/17/2004	11/016,197	10/13/2009	7,602,777	US
NMXXI-0961.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROVIDING A CONNECTION MATRIX	12/17/2004	11/015,967	3/31/2009	7,512,060	US
NMXXI-0962.00/US	Utility - ORG	Abandoned	REMOTE STATUS FORWARDING IN A DISTRIBUTED CROSS-CONNECTION SYSTEM	12/17/2004	11/015,964			US
NMXXI-0963.00/US	Utility - ORG	Issued	DEVICE AND METHODS FOR INCREASING WIRELESS CONNECTION SPEEDS	9/21/2004	10/945,797	7/1/2008	7,394,783	US
NMXXI-0963.01/US	Utility - CON	Issued	DEVICE AND METHODS FOR INCREASING WIRELESS CONNECTION SPEEDS	6/25/2008	12/145,723	2/8/2011	7,885,227	US
NMXXI-0964.00/US	Utility - ORG	Abandoned	CALIBRATION METHODS FOR TUNABLE LASERS	9/30/2004	10/955,394			US
NMXXI-0965.00/US	Utility - ORG	Issued	PROCESSING REPLIES TO REQUEST PACKETS IN AN ADVANCED SWITCHING CONTEXT	9/3/2004	10/934,640	8/21/2007	7,260,661	US
NMXXI-0966.00/US	Utility - ORG	Issued	PROVIDING CURRENT FOR PHASE CHANGE MEMORIES	6/30/2004	10/880,692	4/15/2008	7,359,231	US
NMXXI-0967.00/US	Utility - ORG	Abandoned	REMOTE USB NETWORK DEVICE CONTROL	12/29/2004	11/025,116			US
NMXXI-0968.00/US	Utility - ORG	Issued	PHASE CHANGE MEMORY BITS RESET THROUGH A SERIES OF PULSES OF INCREASING AMPLITUDE	2/15/2005	11/058,797	8/29/2006	7,099,180	US
NMXXI-0968.01/US	Utility - DIV	Issued	METHOD OF RESETTNG PHASE CHANGE MEMORY BITS THROUGH A SERIES OF PULSES OF INCREASING AMPLITUDE	7/14/2006	11/486,872	12/25/2007	7,313,016	US
NMXXI-0969.00/US	Utility - ORG	Issued	PHASE CHANGE MEMORY WITH DAMASCENE MEMORY ELEMENT	9/24/2004	10/949,090	11/14/2006	7,135,696	US
NMXXI-0969.01/US	Utility - DIV	Issued	PHASE CHANGE MEMORY WITH DAMASCENE MEMORY ELEMENT	10/4/2006	11/542,712	5/19/2009	7,534,625	US
NMXXI-0970.00/US	Utility - ORG	Issued	PHASE CHANGE MEMORY WITH A SELECT DEVICE HAVING A BREAKDOWN LAYER	9/24/2004	10/948,884	9/12/2006	7,105,408	US
NMXXI-0971.00/US	Utility - ORG	Pending	DEPOSITING TITANIUM SILICON NITRIDE FILMS FOR FORMING PHASE CHANGE MEMORIES	10/28/2004	10/977,186			US
NMXXI-0972.00/US	Utility - ORG	Issued	COMPENSATING THE WORKFUNCTION OF A METAL GATE TRANSISTOR FOR ABSTRACTION BY THE GATE DIELECTRIC LAYER	7/28/2004	10/900,666	10/24/2006	7,125,762	US
NMXXI-0973.00/US	Utility - ORG	Issued	MULTI-WIRELESS NETWORK CONFIGURABLE BEHAVIOR	5/4/2000	09/565,215	3/20/2007	7,193,965	US
NMXXI-0974.00/US	Utility - ORG	Issued	WALKING WEAVER IMAGE REJECT MIXER FOR RADIO	1/8/2002	10/043,746	3/14/2006	7,013,120	US
NMXXI-0975.00/US	Utility - ORG	Issued	LOW-SWING LEVEL SHIFTER	1/31/2005	11/047,442	5/8/2007	7,215,173	US
NMXXI-0975.00/US	Utility - ORG	Pending	DC-DC CONVERTER SWITCHING TRANSISTORS CURRENT MEASUREMENT TECHNIQUE	6/30/2005	11/173,760			US
NMXXI-0977.00/US	Utility - ORG	Issued	ADAPTIVE COMMUNICATION INTERFACE	10/29/2004	10/976,572	3/3/2009	7,500,129	US
NMXXI-0977.01/US	Utility - DIV	Pending	ADAPTIVE COMMUNICATION INTERFACE	1/12/2009	12/352,499			US
NMXXI-0978.00/US	Utility - ORG	Issued	TECHNIQUES FOR TRANSMITTING AND RECEIVING TRAFFIC OVER ADVANCED SWITCHING COMPATIBLE SWITCH FABRICS	12/28/2004	11/025,420	9/1/2009	7,583,664	US
NMXXI-0979.00/US	Utility - ORG	Abandoned	TECHNIQUES FOR PROCESSING TRAFFIC TRANSMITTED OVER ADVANCED SWITCHING COMPATIBLE SWITCH FABRICS	12/28/2004	11/024,928			US
NMXXI-0981.00/US	Utility - ORG	Issued	POWER DISTRIBUTION WITHIN A FOLDED FLEX PACKAGE METHOD AND APPARATUS	10/28/2004	10/977,908	12/4/2007	7,304,373	US
NMXXI-0982.00/US	Utility - ORG	Abandoned	SORTING OF CARBON NANOTUBES THROUGH SELECTIVE DNA DELAMINATION OF DNA/CARBON NANOTUBE HYBRID STRUCTURES	3/30/2005	11/095,414			US
NMXXI-0983.00/US	Utility - ORG	Issued	FLASH MEMORY CELL HAVING REDUCED FLOATING GATE TO FLOATING GATE COUPLING	3/30/2005	11/095,330	3/25/2008	7,348,618	US
NMXXI-0983.01/US	Utility - DIV	Issued	FLASH MEMORY CELL HAVING REDUCED FLOATING GATE TO FLOATING GATE COUPLING	10/17/2006	11/582,881	12/16/2008	7,466,625	US

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NMTiDocNo.	MatterType	MatterStatus	Title	Filed	SerialNo.	IssueDate	PatentNo.	Country
NMXXI-0985.00/US	Utility - ORG	Issued	TRAINING PATTERN BASED DE-SKEW MECHANISM AND FRAME ALIGNMENT	9/7/2004	10/935,902	3/3/2009	7,500,131	US
NMXXI-0986.00/US	Utility - ORG	Pending	HEATING PHASE CHANGE MATERIAL	4/11/2005	11/103,188			US
NMXXI-0987.00/US	Utility - ORG	Issued	FORMING A CARBON LAYER BETWEEN PHASE CHANGE LAYERS OF A PHASE CHANGE MEMORY	1/18/2005	11/037,850	10/16/2007	7,282,730	US
NMXXI-0988.00/US	Utility - ORG	Issued	READING PHASE CHANGE MEMORIES TO REDUCE READ DISTURBS	1/5/2005	11/029,981	8/21/2007	7,259,982	US
NMXXI-0989.00/US	Utility - ORG	Issued	PROGRAMMABLE POWER TRANSITION COUNTER	11/15/2004	10/989,948	5/5/2009	7,529,958	US
NMXXI-0990.00/US	Utility - ORG	Abandoned	TECHNIQUES TO MANAGE PARTITION PHYSICAL MEMORY	12/23/2004	11/021,323			US
NMXXI-0991.00/US	Utility - ORG	Issued	SCALABLE TRACEBACK TECHNIQUE FOR CHANNEL DECODER	12/23/2004	11/022,212	9/17/2009	7,506,239	US
NMXXI-0992.00/US	Utility - ORG	Abandoned	PROTECTED PROCESSING APPARATUS, SYSTEMS, AND METHODS	12/21/2004	11/078,958			US
NMXXI-0993.00/US	Utility - ORG	Pending	SYSTEMS AND METHODS FOR EFFICIENT OPERATIONS OF COMPONENTS IN A WIRELESS COMMUNICATIONS DEVICE	12/29/2004	11/024,956			US
NMXXI-0994.00/US	Utility - ORG	Abandoned	PIXEL DATA COMPRESSION FROM CONTROLLER TO DISPLAY	6/29/2005	11/169,537			US
NMXXI-0995.00/US	Utility - ORG	Issued	SECURE MEMORY CONTROLLER	12/30/2004	11/027,784	8/12/2008	7,412,579	US
NMXXI-0995.01/US	Utility - CIP	Abandoned	MEMORY WITH MODIFIABLE ADDRESS MAP	12/30/2005	11/323,473			US
NMXXI-0996.00/US	Utility - ORG	Issued	SECURE CONTROLLER FOR BLOCK ORIENTED STORAGE	12/28/2004	11/027,913			US
NMXXI-0996.01/US	Utility - CON	Pending	SECURE CONTROLLER FOR BLOCK ORIENTED STORAGE	3/5/2011	13/041,379	3/8/2011	7,904,943	US
NMXXI-0997.00/US	Utility - ORG	Abandoned	COMMUNICATING AN ADDRESS TO A MEMORY DEVICE	12/15/2004	11/012,316			US
NMXXI-0998.00/US	Utility - ORG	Abandoned	METHOD FOR FORMING A MEMORY DEVICE	11/23/2004	10/997,609			US
NMXXI-0998.01/US	Utility - DIV	Abandoned	MEMORY CELL WITH NANOCRYSTAL AS DISCRETE STORAGE ELEMENT	12/22/2006	11/615,862			US
NMXXI-0999.00/US	Utility - ORG	Abandoned	MECHANISM FOR PERFORMING RUN-AHEAD EXECUTION IN A CENTRAL PROCESSING UNIT	12/28/2004	11/024,164			US
NMXXI-1000.00/US	Utility - ORG	Abandoned	ADAPTIVE WIRELESS NETWORKS AND METHODS FOR COMMUNICATING MULTIMEDIA IN A PROACTIVE ENTERPRISE	11/16/2004	10/989,539			US
NMXXI-1002.00/US	Utility - ORG	Issued	POWER LOSS RECOVERY IN NON-VOLATILE MEMORY	9/2/2005	11/1218,371	11/3/2009	7,613,894	US
NMXXI-1003.00/US	Utility - ORG	Issued	WIRELESS DEVICE ENCLOSURE USING PIEZOELECTRIC COOLING STRUCTURES	5/31/2005	11/140,769	7/24/2007	7,248,475	US
NMXXI-1004.00/US	Utility - ORG	Abandoned	ERROR PROTECTION TECHNIQUES FOR FRAMES ON A WIRELESS NETWORK	9/30/2005	11/241,339			US
NMXXI-1005.00/US	Utility - ORG	Pending	PULSED DC AND RF PHYSICAL VAPOR DEPOSITION CLUSTER TOOL	4/26/2005	11/114,261			US
NMXXI-1006.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR MONITORING PATH STATISTICS	3/25/2005	11/090,571			US
NMXXI-1007.00/US	Utility - ORG	Issued	FREQUENCY-DEPENDENT VOLTAGE CONTROL IN DIGITAL LOGIC	6/30/2005	11/173,218	10/13/2009	7,603,575	US
NMXXI-1008.00/US	Utility - ORG	Abandoned	POWER MODE CHANGE VOLTAGE CONTROL IN COMPUTERIZED SYSTEM	3/1/2005	11/069,924			US
NMXXI-1009.00/US	Utility - ORG	Pending	LOCKING ENTRIES INTO TRANSLATION LOOKASIDE BUFFERS	3/29/2005	11/092,432			US
NMXXI-1009.01/US	Utility - CON	Pending	LOCKING ENTRIES INTO TRANSLATION LOOKASIDE BUFFERS	8/3/2011	13/197,221			US
NMXXI-1010.00/US	Utility - ORG	Issued	METHODS TO PERFORM CACHE COHERENCY IN MULTIPROCESSOR SYSTEM USING RESERVE SIGNALS AND CONTROL BITS	3/30/2005	11/094,887	2/5/2008	7,328,313	US
NMXXI-1011.00/US	Utility - ORG	Issued	LOW LOCALITY-OF-REFERENCE SUPPORT IN A MULTI-LEVEL CACHE HIERARCHY	4/7/2005	11/101,785	8/25/2009	7,581,065	US
NMXXI-1012.00/US	Utility - ORG	Pending	MOVEABLE LOCKED LINES IN A MULTI-LEVEL CACHE	2/24/2006	11/361,228			US
NMXXI-1013.00/US	Utility - ORG	Abandoned	DEVICE, SYSTEM AND METHOD FOR WIRELESS COMMUNICATION AND CURSOR POINTING	6/30/2005	11/170,110			US
NMXXI-1014.00/US	Utility - ORG	Issued	DIFFERENTIAL DELAY COMPENSATION	3/30/2005	11/093,907	9/13/2011	8,018,926	US
NMXXI-1014.01/US	Utility - CON	Pending	DIFFERENTIAL DELAY COMPENSATION	9/9/2011	13/229,455			US
NMXXI-1015.00/US	Utility - ORG	Issued	VOLTAGE CONTROLLED OSCILLATOR (VCO) TUNING	6/30/2005	11/171,860	9/18/2007	7,271,673	US

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App. No.	App. Type	App. Status	Title	Filed	Serial No.	Issued	Patent No.	Country
NMXXI-1016.00/US	Utility - ORG	Abandoned	METHOD AND SYSTEM FOR TRANSMITTING MESSAGES TO A MOBILE STATION ACCORDING TO SPECIFIC PARAMETERS	6/27/2005	11/166,143			US
NMXXI-1017.00/US	Utility - ORG	Issued	PHASE CHANGE MEMORY WITH U-SHAPED CHALCOGENIDE CELL	7/20/2005	11/186,488	2/2/2010	7,655,938	US
NMXXI-1018.00/US	Utility - ORG	Abandoned	FABRICATING SUB-LITHOGRAPHIC CONTACTS	7/29/2005	11/193,952			US
NMXXI-1018.01/US	Utility - DIV	Issued	FABRICATING SUB-LITHOGRAPHIC CONTACTS	10/6/2008	12/287,073	7/13/2010	7,754,516	US
NMXXI-1018.02/US	Utility - DIV	Allowed	FABRICATING SUB-LITHOGRAPHIC CONTACTS	6/3/2010	12/792,992			US
NMXXI-1019.00/US	Utility - ORG	Issued	PERIPHERAL INTERFACE ALERT MESSAGE FOR DOWNSTREAM DEVICE	6/20/2005	11/156,838	6/28/2011	7,970,958	US
NMXXI-1019.01/US	Utility - CON	Pending	PERIPHERAL INTERFACE ALERT MESSAGE FOR DOWNSTREAM DEVICE	5/19/2011	13/111,673			US
NMXXI-1020.00/US	Utility - ORG	Abandoned	REDUCING OXIDATION OF PHASE-CHANGE MEMORY ELECTRODES	6/28/2005	11/168,780			US
NMXXI-1021.00/US	Utility - ORG	Issued	UNIVERSAL NONVOLATILE MEMORY BOOT MODE	7/26/2005	11/189,448	2/24/2009	7,496,719	US
NMXXI-1022.00/US	Utility - ORG	Issued	APPARATUS, SYSTEM, AND METHOD FOR OSCILLATOR NETWORK WITH MULTIPLE PARALLEL OSCILLATOR CIRCUITS	6/29/2005	11/172,133	6/26/2007	7,236,059	US
NMXXI-1023.00/US	Utility - ORG	Issued	STRUCTURED, ELECTRICALLY-FORMED FLOATING GATE FOR FLASH MEMORIES	11/14/2005	11/274,622	5/20/2008	7,374,996	US
NMXXI-1023.01/US	Utility - DIV	Issued	STRUCTURED, ELECTRICALLY-FORMED FLOATING GATE FOR FLASH MEMORIES	3/25/2008	12/055,216	12/7/2010	7,847,333	US
NMXXI-1024.00/US	Utility - ORG	Issued	METHOD AND APPARATUS FOR OPTIMIZING FLASH DEVICE ERASE DISTRIBUTION	9/30/2005	11/240,004	9/16/2008	7,426,605	US
NMXXI-1025.00/US	Utility - ORG	Abandoned	ALTERNATING BETWEEN UPLINK AND DOWNLINK WITHIN EACH CHANNEL OF A FREQUENCY DIVISION MULTIPLEXING SYSTEM	9/12/2005	11/225,303			US
NMXXI-1026.00/US	Utility - ORG	Abandoned	COMPOSITE ORGANIC INORGANIC NANOCLEUSTERS AS CARRIERS AND IDENTIFIERS OF TESTER MOLECULES	9/26/2006	11/527,895			US
NMXXI-1027.00/US	Utility - ORG	Abandoned	FORMING HEATERS FOR PHASE CHANGE MEMORIES	10/12/2005	11/248,488			US
NMXXI-1027.01/US	Utility - DIV	Abandoned	FORMING HEATERS FOR PHASE CHANGE MEMORIES	3/6/2008	12/074,813			US
NMXXI-1028.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR DISPLAYING ROTATED IMAGES	12/16/2005	11/303,117			US
NMXXI-1029.00/US	Utility - ORG	Abandoned	LOW-JITTER CLOCK DISTRIBUTION	11/30/2005	11/291,204			US
NMXXI-1030.00/US	Utility - ORG	Issued	PROCESSOR MULTI-PARTITION SECURITY ARCHITECTURE	11/10/2005	11/271,778	11/24/2009	7,624,249	US
NMXXI-1031.00/US	Utility - ORG	Issued	WIRELESS COMMUNICATIONS WITH AUXILIARY ANTENNAS FORMING DYONIC THRESHOLD SWITCHES WITH REDUCED DEPOSITION CHAMBER GAS PRESSURE	3/30/2006	11/394,994	7/21/2009	7,564,919	US
NMXXI-1032.00/US	Utility - ORG	Abandoned	FORMING DYONIC THRESHOLD SWITCHES WITH REDUCED DEPOSITION CHAMBER GAS PRESSURE	3/29/2006	11/392,135			US
NMXXI-1033.00/US	Utility - ORG	Abandoned	ENCODING TECHNIQUES EMPLOYING NOISE-BASED ADAPTATION	3/31/2006	11/394,929			US
NMXXI-1034.00/US	Utility - ORG	Abandoned	LOW DELAY AND SMALL MEMORY FOOTPRINT PICTURE BUFFERING SECURITY MODULE HAVING ACCESS LIMITED BASED UPON SECURITY LEVEL OF CODE SEEKING ACCESS	12/12/2005	11/292,569			US
NMXXI-1035.00/US	Utility - ORG	Abandoned	SECURITY MODULE HAVING ACCESS LIMITED BASED UPON SECURITY LEVEL OF CODE SEEKING ACCESS	2/15/2006	11/354,676			US
NMXXI-1036.00/US	Utility - ORG	Abandoned	METHOD AND APPARATUS TO EFFICIENTLY CONFIGURE MULTI-ANTENNA EQUALIZERS	3/30/2006	11/394,533			US
NMXXI-1037.00/US	Utility - ORG	Issued	RADIO FREQUENCY AMPLIFIER	7/6/2000	09/611,720	6/18/2002	6,407,632	US
NMXXI-1038.00/US	Utility - ORG	Pending	ARCHITECTURE FOR VIRTUAL SECURITY MODULE	9/29/2006	11/529,987			US
NMXXI-1039.00/US	Utility - ORG	Issued	CURRENT MIRROR DRIVE CIRCUIT WITH HIGH BREAKDOWN VOLTAGE	11/12/1994	08/333,264	11/21/1995	5,469,093	US
NMXXI-1040.00/US	Utility - ORG	Abandoned	SYSTEM AND METHOD FOR REDUCING FALSE ALARM IN THE PRESENCE OF RANDOM SIGNALS	3/31/2006	11/396,329			US
NMXXI-1041.00/US	Utility - ORG	Issued	LOW VOLTAGE DOUBLE BALANCED MIXER	1/7/1998	09/003,908	4/3/2001	6,211,718	US
NMXXI-1042.00/US	Utility - ORG	Issued	FREQUENCY SYNTHESIZER	4/22/1998	09/064,276	5/9/2000	6,060,917	US
NMXXI-1043.00/US	Utility - ORG	Issued	TRANSDUCANCE AMPLIFIER ARRANGEMENT	11/2/2000	09/705,499	11/12/2002	6,480,066	US

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MTI/DocNo	MatterType	MatterStatus	Title	FilingDate	SerialNo	IssueDate	PatentNo	Country
NMXI-1044.00/US	Utility - ORG	Issued	RADIO FREQUENCY AMPLIFIER WITH IMPROVED INTERMODULATION PERFORMANCE	1/24/2002	10/056,155	4/5/2005	6,876,843	US
NMXI-1045.00/US	Utility - ORG	Issued	SELF-ALIGNED BIPOLAR JUNCTION TRANSISTORS	4/26/2006	11/411,311	1/25/2011	7,875,513	US
NMXI-1045.01/US	Utility - DIV	Pending	SELF-ALIGNED BIPOLAR JUNCTION TRANSISTORS	12/16/2010	12/959,652			US
NMXI-1046.00/US	Utility - ORG	Issued	VOLTAGE CONTROLLED OSCILLATORS	8/20/2002	10/223,869	1/27/2004	6,683,509	US
NMXI-1047.00/US	Utility - ORG	Issued	SIGNAL PROCESSING STAGE AND RADIO FREQUENCY TUNER	4/28/2003	10/424,899	9/14/2004	6,791,414	US
NMXI-1048.00/US	Utility - ORG	Abandoned	ASYMMETRIC CHALCOGENIDE DEVICE	10/10/2006	11/545,234			US
NMXI-1049.00/US	Utility - ORG	Pending	READ WINDOW IN CHALCOGENIDE SEMICONDUCTOR MEMORIES	11/9/2006	11/595,055			US
NMXI-1050.00/US	Utility - ORG	Abandoned	AUTHENTICATING DATA RETURNED FROM NON-VOLATILE MEMORY COMMANDS	9/28/2006	11/529,022			US
NMXI-1051.00/US	Utility - ORG	Abandoned	A PHASE CHANGE MEMORY CELL HAVING A TAPERED MICROTRENCH	11/30/2006	11/606,800			US
NMXI-1052.00/US	Utility - ORG	Issued	HIGH DENSITY NOR FLASH ARRAY ARCHITECTURE	6/28/2007	11/823,518	3/22/2011	7,910,976	US
NMXI-1052.01/US	Utility - CON	Pending	HIGH DENSITY NOR FLASH ARRAY ARCHITECTURE	3/9/2011	13/043,677			US
NMXI-1053.00/US	Utility - NSPCT	Expired	OSCILLATOR NETWORK FOR RADIO RECEIVER	5/17/1989	07/335,087	8/7/1990	4,947,141	US
NMXI-1054.00/US	Utility - ORG	Issued	DIGITAL TELEPHONE SYSTEM WITH AUTOMATIC VOICE MAIL REDIRECTION	8/31/1998	09/144,186	4/1/2003	6,542,584	US



## Exhibit B - Foreign Applications and Patents

Application No.	Material Type	Material Status	Title	Priority	Serial No.	Issue Date	Patent No.	Country
NMXXI-0490.00/AU	Utility - NSPCT	Abandoned	COMPUTER METHOD AND APPARATUS FOR A TABLE DRIVEN FILE INTERFACE	1/27/1993	35952/93	8/20/1996	668379	AU
NMXXI-0546.00/AU	Utility - ORG	Lapsed	METHOD OF PRE-CACHING DATA UTILIZING THREAD LISTS AND MULTIMEDIA EDITING SYSTEM USING SUCH PRE-CACHING	9/12/1995	37233/95			AU
NMXXI-0341.00/BE	Utility - ORG	Expired	PORTABLE COMMUNICATION TERMINAL FOR REMOTE DATABASE QUERY	6/30/1987	87109409.0	12/15/1993	0251296	BE
NMXXI-0203.00/BR	Utility - ORG	Abandoned	UNIVERSAL CARRIER FOR HOT SWAPPABLE DRIVER	11/28/1995	P19509921-2	8/19/2003	P19509921-2	BR
NMXXI-0173.00/CA	Utility - ORG	Abandoned	LOW POWER CHARGE PUMP FOR FLASH MEMORY	3/16/1995	2,185,333	6/1/2004	2,185,333	CA
NMXXI-0393.00/CA	Utility - ORG	Abandoned	ARRANGEMENT AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK	6/18/2001	2,355,881			CA
NMXXI-0462.00/CA	Utility - ORG	Abandoned	ANTENNA INTERFACE	11/26/2001	2,371,945			CA
NMXXI-0490.00/CA	Utility - NSPCT	Abandoned	COMPUTER METHOD AND APPARATUS FOR A TABLE DRIVEN FILE INTERFACE	1/27/1993	2,132,108	3/30/1999	2,132,108	CA
NMXXI-0497.00/CA	Utility - NSPCT	Abandoned	REMOTELY MANAGING AND CONTROLLING A CONSUMER APPLIANCE	10/31/2002	2,408,276			CA
NMXXI-0550.00/CA	Utility - ORG	Abandoned	SYSTEM AND METHOD FOR AUTOMATIC PBX DETECTION	1/20/1999	2,318,450	6/5/2007	2,318,450	CA
NMXXI-0599.00/CA	Utility - NSPCT	Abandoned	ENHANCED MEDIA GATEWAY CONTROL PROTOCOL	8/27/2003	2,432,906			CA
NMXXI-0622.00/CA	Utility - NSPCT	Abandoned	INTEGRATED OPTICAL CIRCUIT HAVING AN INTEGRATED ARRAYED WAVEGUIDE GRATINGS (AGW) AND OPTICAL AMPHIBERS(S)	10/17/2002	2,463,627			CA
NMXXI-0683.00/CL	Utility - ORG	Abandoned	BEST-OF-M PULSE POSITION MODULATION DETECTOR	6/5/1996	1000-96			CL
NMXXI-0204.00/CN	Utility - NSPCT	Issued	ACCURATE VPP DETECTOR FOR FLASH MEMORY	10/18/1995	95196684.7	5/21/2003	Z195196684.7	CN
NMXXI-0239.00/CN	Utility - NSPCT	Issued	MULTI-LAYERED CONTACTING FOR SECURING INTEGRATED CIRCUITS	12/12/1996	96199936.5	1/14/2004	Z196199936.5	CN
NMXXI-0251.00/CN	Utility - NSPCT	Abandoned	METHOD AND APPARATUS FOR DOCKING AND UNDOCKING A NOTEBOOK COMPUTER	9/29/1997	97181414.7	5/28/2003	Z197181414.7	CN
NMXXI-0377.00/CN	Utility - NSPCT	Issued	METHOD AND APPARATUS FOR PERFORMING VIDEO IMAGE DECODING	10/25/2000	00819034.8	1/11/2006	Z100819034.8	CN
NMXXI-0392.00/CN	Utility - ORG	Issued	CIRCUIT FOR DATA DEPENDENT VOLTAGE BIAS LEVEL	11/5/1999	99815589.6	8/4/2004	Z199815589.6	CN
NMXXI-0414.00/CN	Utility - NSPCT	Issued	IMPROVED FLOURINE DOPED SiO2 FILM AND METHOD OF FABRICATION	10/11/2000	00816502.5	9/28/2005	Z100816502.5	CN
NMXXI-0420.00/CN	Utility - ORG	Issued	CONTROLLED COLLAPSE CHIP CONNECTION (C4) INTEGRATED CIRCUIT PACKAGE WHICH HAS TWO DISSIPILAR UNDERFILL MATERIALS	2/8/2000	00804578.X	3/2/2005	Z100804578.X	CN
NMXXI-0478.00/CN	Utility - NSPCT	Issued	INDUCTIVE CHANGE PUMP CIRCUIT FOR PROVIDING VOLTAGES USEFUL FOR FLASH MEMORY AND OTHER APPLICATIONS	6/1/2001	01814712.7	8/5/2009	Z101814712.7	CN
NMXXI-0502.00/CN	Utility - NSPCT	Abandoned	MICROELECTRONIC PACKAGE HAVING AN INTEGRATED HEAT SINK AND BUILD UP LAYERS	6/10/2003	1820255.1			CN
NMXXI-0504.00/CN	Utility - NSPCT	Issued	LINK-LOCK DEVICE AND METHOD OF MONITORING AND CONTROLLING A LINK FOR FAILURES AND INTRUSIONS	11/20/2001	01819255.6	10/22/2008	Z101819255.6	CN
NMXXI-0516.00/CN	Utility - NSPCT	Abandoned	CALL PROCESSING SYSTEM WITH RESOURCES ON MULTIPLE PLATFORMS	1/24/2001	01806003.X			CN
NMXXI-0535.00/CN	Utility - NSPCT	Issued	DEGENERATIVE LOAD TEMPERATURE CORRECTION FOR CHARGE PUMPS	9/25/2001	01816419.6	12/7/2005	Z101816419.6	CN
NMXXI-0550.00/CN	Utility - ORG	Issued	SYSTEM AND METHOD FOR AUTOMATIC PBX DETECTION	12/27/2000	99804084.3	2/25/2004	Z199804084.3	CN
NMXXI-0583.00/CN	Utility - NSPCT	Abandoned	SYSTEM AND METHOD FOR PROVIDING AUTHENTICATION AND VERIFICATION SERVICES IN AN ENHANCED MEDIA GATEWAY	8/29/2003	01822961.1	8/27/2008	Z101822961.1	CN
NMXXI-0599.00/CN	Utility - NSPCT	Issued	ENHANCED MEDIA GATEWAY CONTROL PROTOCOL	12/21/2001	01822925.5	11/12/2008	Z101822925.5	CN

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Mkt-DefnNo	MatterType	MatterStatus	Title	FiledDate	SerialNo	IssuedDate	PatentNo	Country
NMXXI-0626.00/CN	Utility - NSPCT	Issued	VI-AIIN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE	11/28/2001	1821582.3	11/8/2006	ZI01821582.3	CN
NMXXI-0637.00/CN	Utility - NSPCT	Issued	MATERIAL DEPOSITION FROM A LIQUEFIED GAS SOLUTION	12/30/2002	02813257.2	7/9/2008	ZI02813257.2	CN
NMXXI-0653.00/CN	Utility - NSPCT	Issued	LOW VOLTAGE OPERATION OF STATIC RANDOM ACCESS MEMORY	11/20/2002	02823658.0	11/12/2008	ZI02823658.0	CN
NMXXI-0685.00/CN	Utility - ORG	Pending	MOBILE STATION LOCATING SYSTEM AND METHOD	3/23/2000	98808744.8			CN
NMXXI-0694.00/CN	Utility - NSPCT	Issued	VARIABLE LEVEL MEMORY	8/6/2002	02822880.4	1/27/2010	ZI02822880.4	CN
NMXXI-0710.00/CN	Utility - NSPCT	Issued	ELECTRONIC ASSEMBLY WITH FILLED NO-FLOW UNDERFILL METHODS OF MANUFACTURE	10/28/2002	2821250.9	3/28/2007	ZI02821250.9	CN
NMXXI-0719.00/CN	Utility - NSPCT	Abandoned	DIGITAL FRAME DETERMINATION AND APPARATUS	7/12/2004	02826724.9			CN
NMXXI-0721.00/CN	Utility - NSPCT	Abandoned	PROBABILISTIC NETWORKS FOR DETECTING SIGNAL CONTENT	3/25/2004	02818839.X	1/25/2006	ZI02818839.X	CN
NMXXI-0736.00/CN	Utility - NSPCT	Issued	FILM BULK ACOUSTIC RESONATOR STRUCTURE AND METHOD OF MAKING	12/17/2002	02828164	6/22/2011	ZI02828164.0	CN
NMXXI-0741.00/CN	Utility - ORG	Issued	SYSTEM AND METHOD TO DETECT ERRORS AND PREDICT POTENTIAL FAILURES	7/6/2005	20051008094.1	1/14/2009	ZI20051008094	CN
NMXXI-0752.00/CN	Utility - NSPCT	Abandoned	METHOD FOR MEDIA CONTENT PRESENTATION IN CONSIDERATION OF SYSTEM POWER	12/16/2004	03813375.6			CN
NMXXI-0778.00/CN	Utility - NSPCT	Abandoned	INVERSE MULTIPLEXING OF MANAGED TRAFFIC FLOWS OVER A MULTI-STAR NETWORK	2/5/2003	03808970.X			CN
NMXXI-0839.00/CN	Utility - NSPCT	Abandoned	PRONUNCIATION NETWORK	12/22/2003	200380107684.5			CN
NMXXI-0844.00/CN	Utility - NSPCT	Pending	SYSTEM AND METHOD OF EFFICIENTLY MODULATING DATA USING SYMBOLS HAVING MORE THAN ONE PULSE - CHINA	1/8/2004	200480004269.1			CN
NMXXI-0860.00/CN	Utility - NSPCT	Issued	THERMALLY ENHANCED ELECTRONIC RIP-CHIP PACKAGING WITH EXTERNAL-CONNECTOR-SIDE DIE AND METHOD	2/9/2004	200480005928.3	1/7/2009	ZI200480005928	CN
NMXXI-0924.00/CN	Utility - NSPCT	Abandoned	ANNOTATING MEDIA CONTENT WITH USER-SPEECH INFORMATION	7/3/2005	200480039698.2			CN
NMXXI-0984.00/CN	Utility - ORG	Pending	RESONANT TUNNELING DEVICE USING METAL OXIDE SEMICONDUCTOR PROCESSING	10/28/2005	200510023017.X			CN
NMXXI-1028.00/CN	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR EFFICIENT AND ARTIFACT-FREE DISPLAYING OF ROTATING IMAGES	12/15/2006	200610064091.0			CN
NMXXI-1013.00/DE	Utility - ORG	Abandoned	A NOVEL ARCHITECTURE FOR FLASH VIRTUAL GROUND MEMORY ARRAY	8/6/1990	P4024930.1-53	6/17/1993	4024930	DE
NMXXI-0203.00/DE	Utility - EPPAT	Issued	PORTABLE DISK DRIVE CARRIER AND CHASSIS	11/28/1995	9394294.2	8/9/2004	69533487.5-08	DE
NMXXI-0208.00/DE	Utility - EPPAT	Issued	VARIABLE STAGE CHARGE PUMP	9/30/1996	96933993.6	4/17/2002	69620774.5	DE
NMXXI-0222.00/DE	Utility - EPPAT	Issued	PACKAGE HOUSING MULTIPLE SEMICONDUCTOR DIES	3/12/1996	96908756.8	6/30/2004	0815615	DE
NMXXI-0224.00/DE	Utility - EPPAT	Issued	NEGATIVE VOLTAGE SWITCHING CIRCUIT	6/7/1996	96918382.1	9/10/2003	69629925.9	DE
NMXXI-0239.00/DE	Utility - NSPCT	Issued	MULTI-LAYERED CONTACTING FOR SECURING INTEGRATED CIRCUITS	12/12/1996	19681689.0	5/10/2001	19681689	DE
NMXXI-0246.00/DE	Utility - EPPAT	Issued	METHOD AND APPARATUS FOR PROVIDING IMPROVED DIAGNOSTIC FUNCTIONS IN A COMPUTER SYSTEM	6/27/1997	97932317.7	8/25/2004	69730430.2	DE
NMXXI-0251.00/DE	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR DOCKING AND UNDOCKING A NOTEBOOK COMPUTER	5/21/1999	19782133.2	8/19/2004	19782133	DE
NMXXI-0291.00/DE	Utility - ORG	Issued	INTEGRATED CIRCUIT PACKAGE	7/9/1997	19781978.8	10/11/2007	19781978	DE
NMXXI-0313.00/DE	Utility - ORG	Issued	SELF-CONFIGURING INTERFACE ARCHITECTURE ON FLASH MEMORIES	10/11/1999	19882312.6	7/22/2010	19882312	DE
NMXXI-0337.00/DE	Utility - EPPAT	Issued	VARIABLE DELAY CELL WITH A SELF-BIASING LOAD	1/5/1999	99901331.1	4/23/2008	1048108	DE
NMXXI-0341.00/DE	Utility - ORG	Expired	PORTABLE COMMUNICATION TERMINAL FOR REMOTE DATABASE QUERY	6/30/1987	87103170.0	12/15/1993	0251296	DE

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WIPO/CLASS.	Material Type	Material Status	Title	Priority	Serial No.	Filed Date	Patent No.	Country
NMXI-0392.00/DE	Utility - ORG	Issued	METHOD AND CIRCUIT FOR DATA DEPENDENT VOLTAGE BIAS LEVEL	5/14/2001	19983726-0-42	11/11/2010	19983726	DE
NMXI-0393.00/DE	Utility - EPPAT	Issued	ARRANGEMENT AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK	12/30/1999	99567807.1	8/10/2005	1142202	DE
NMXI-0414.00/DE	Utility - NSPCT	Issued	IMPROVED FLOURINE DOPED SiO2 FILM AND METHOD OF FABRICATION	10/11/2000	10085212.2	11/20/2008	10085212	DE
NMXI-0473.00/DE	Utility - EPPAT	Issued	EMULATING NARROW BAND PHASE-LOCKED LOOP BEHAVIOR ON A WIDE BAND PHASE-LOCKED LOOP	3/4/1998	98911466.5	6/29/2005	988568	DE
NMXI-0478.00/DE	Utility - EPPAT	Issued	INDUCTIVE CHARGE PUMP CIRCUIT FOR PROVIDING VOLTAGES USEFUL FOR FLASH MEMORY AND OTHER APPLICATIONS	6/1/2001	01941818.5	12/15/2010	50143656.3	DE
NMXI-0496.00/DE	Utility - EPPAT	Abandoned	METHOD AND APPARATUS FOR GRAPHICAL DEVICE MANAGEMENT USING A VIRTUAL CONSOLE	12/27/2002	01949805.4	9/17/2008	1370955	DE
NMXI-0504.00/DE	Utility - EPPAT	Issued	LINK-LOCK DEVICE AND METHOD OF MONITORING AND CONTROLLING A LINK FOR FAILURES AND INTRUSIONS	11/20/2001	01995179.7	4/13/2011	1336286	DE
NMXI-0532.00/DE	Utility - EPPAT	Issued	APPARATUS AND METHOD FOR SIMULATING SPECULAR REFLECTION IN A COMPUTER GRAPHICS/IMAGING SYSTEM	10/15/1997	97308183.9	7/30/2003	69723798.2	DE
NMXI-0535.00/DE	Utility - EPPAT	Issued	DEGENERATIVE LOAD TEMPERATURE CORRECTION FOR CHARGE PUMPS	9/25/2001	01975434.0	5/6/2009	1323226	DE
NMXI-0546.00/DE	Utility - EPPAT	Issued	THREAD LIST EXPLICIT CACHING SYSTEM	9/12/1995	95935071.1	12/6/2006	0781432	DE
NMXI-0550.00/DE	Utility - EPPAT	Issued	SYSTEM AND METHOD FOR AUTOMATIC PBX DETECTION	1/20/1999	99904159.3	1/14/2009	69940302.2	DE
NMXI-0622.00/DE	Utility - EPPAT	Issued	INTEGRATED OPTICAL CIRCUIT HAVING AN INTEGRATED ARRAYED WAVEGUIDE GRATING (ACWG) AND OPTICAL AMPLIFIER(S)	10/17/2002	02795533.5	12/21/2005	1436648	DE
NMXI-0626.00/DE	Utility - EPPAT	Issued	VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE	11/28/2001	01273027.1	5/11/2011	60144621.6	DE
NMXI-0672.00/DE	Utility - NSPCT	Issued	DUAL-DAMASCENE INTERCONNECTS WITHOUT AN ETCH STOP LAYER BY ALTERNATING LIDS	9/27/2002	02768930.6	12/7/2005	1430525	DE
NMXI-0679.00/DE	Utility - EPPAT	Issued	TWO-DIMENSIONAL PYRAMID FILTER ARCHITECTURE	11/27/2003	02725662.7	6/22/2005	60204778.1	DE
NMXI-0694.00/DE	Utility - EPPAT	Issued	VARIABLE LEVEL MEMORY	8/6/2002	02757016.7	6/27/2007	1428221	DE
NMXI-0719.00/DE	Utility - EPPAT	Abandoned	DIGITAL FRAME DETERMINATION AND APPARATUS	6/24/2004	2798607.4	12/2/2009	60234644.4	DE
NMXI-0786.00/DE	Utility - EPPAT	Issued	ESTABLISHING AN AD HOC NETWORK	4/24/2003	03724240.1	7/8/2009	1514386	DE
NMXI-0844.00/DE	Utility - EPPAT	Issued	SYSTEM AND METHOD OF EFFICIENTLY MODULATING DATA USING SYMBOLS HAVING MORE THAN ONE PULSE - EPO	1/8/2004	04700900.6	12/12/2007	1595343	DE
NMXI-0174.00/EP	Utility - ORG	Abandoned	MICROPROGRAMMED SYSTEMS SOFTWARE INSTRUCTION UNDO	5/11/1988	88107610.3	11/30/1994	292791	EP
NMXI-0203.00/EP	Utility - NSPCT	Issued	UNIVERSAL CARRIER FOR HOT SWAPPABLE DRIVER	11/28/1995	95942924.2	9/8/2004	0794717	EP
NMXI-0222.00/EP	Utility - NSPCT	Issued	DUAL DIE PACKAGE FOR SPECIAL APPLICATIONS	3/12/1996	96908756.8	6/30/2004	0815515	EP
NMXI-0325.00/EP	Utility - NSPCT	Abandoned	MULTI-LAYER CODER/DECODER FOR PRODUCING QUANTIZATION ERROR SIGNAL SAMPLES	6/2/2000	98946118.1			EP
NMXI-0337.00/EP	Utility - NSPCT	Issued	VARIABLE DELAY CELL WITH A SELF-BIASING LOAD	1/5/1999	99901331.1	4/23/2008	1048108	EP
NMXI-0377.00/EP	Utility - NSPCT	Abandoned	METHOD AND APPARATUS FOR PERFORMING VIDEO IMAGE DECODING	5/31/2002	00989714.1			EP
NMXI-0393.00/EP	Utility - NSPCT	Issued	ARRANGEMENT AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK	12/30/1999	99967807.1	8/10/2005	1142202	EP
NMXI-0462.00/EP	Utility - NSPCT	Abandoned	ANTENNA INTERFACE	10/30/2001	00992347.3			EP
NMXI-0473.00/EP	Utility - NSPCT	Issued	EMULATING NARROW BAND PHASE-LOCKED LOOP BEHAVIOR ON A WIDE BAND PHASE-LOCKED LOOP	3/4/1998	98911466.5	6/29/2005	968568	EP
NMXI-0474.00/EP	Utility - NSPCT	Lapsed	SINGLE-CHIP CMOS DIRECT-CONVERSION TRANSCIVER	3/16/2001	99946859.8	11/15/2006	1110330	EP
NMXI-0478.00/EP	Utility - NSPCT	Issued	INDUCTIVE CHARGE PUMP CIRCUIT FOR PROVIDING VOLTAGES USEFUL FOR FLASH MEMORY AND OTHER APPLICATIONS	12/23/2002	01941818.5	12/15/2010	1297530	EP

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App No.	Matter Type	Matter Status	Title	Filed Date	Serial No.	Issue Date	Patent No.	Country
NMXI-0490.00/EP	Utility - NSPCT	Abandoned	COMPUTER METHOD AND APPARATUS FOR A TABLE DRIVEN FILE INTERFACE	1/27/1993	93904673.6	12/20/1995	638188	EP
NMXI-0496.00/EP	Utility - NSPCT	Abandoned	METHOD AND APPARATUS FOR GRAPHICAL DEVICE MANAGEMENT USING A VIRTUAL CONSOLE	12/27/2002	01948405.4	9/17/2008	1370935	EP
NMXI-0497.00/EP	Utility - NSPCT	Abandoned	REMOTELY MANAGING AND CONTROLLING A CONSUMER APPLIANCE	5/17/2001	01935694.8			EP
NMXI-0502.00/EP	Utility - NSPCT	Abandoned	MICROELECTRONIC PACKAGE HAVING AN INTEGRATED HEAT SINK AND BUILD-UP LAYERS	6/9/2003	1992286.3			EP
NMXI-0504.00/EP	Utility - NSPCT	Issued	LINK-LOCK DEVICE AND METHOD OF MONITORING AND CONTROLLING A LINK FOR FAILURES AND INTRUSIONS	11/20/2001	01995179.7	4/13/2011	1335286	EP
NMXI-0532.00/EP	Utility - ORG	Issued	APPARATUS AND METHOD FOR SIMULATING SPECULAR REFLECTION IN A COMPUTER GRAPHICS/IMAGING SYSTEM	10/15/1997	97308183.9	7/30/2003	0837429	EP
NMXI-0535.00/EP	Utility - NSPCT	Issued	DEGENERATIVE LOAD TEMPERATURE CORRECTION FOR CHARGE PUMPS	9/25/2001	01975434.0	5/6/2009	1323226	EP
NMXI-0546.00/EP	Utility - NSPCT	Issued	THREAD LIST EXPLICIT CACHING SYSTEM	9/12/1995	95935071.1	12/6/2005	0781432	EP
NMXI-0550.00/EP	Utility - NSPCT	Issued	SYSTEM AND METHOD FOR AUTOMATIC PBX DETECTION	1/20/1999	99904159.3	1/14/2009	1053621	EP
NMXI-0583.00/EP	Utility - NSPCT	Abandoned	VERIFICATION SERVICES IN AN ENHANCED MEDIA GATEWAY	8/29/2003	1273026.3			EP
NMXI-0622.00/EP	Utility - NSPCT	Issued	INTEGRATED OPTICAL CIRCUIT HAVING AN INTEGRATED ARRIVED WAVEGUIDE GRATING (AGW) AND OPTICAL AMPLIFIER(S)	10/17/2002	02795533.5	12/21/2005	1456548	EP
NMXI-0626.00/EP	Utility - NSPCT	Issued	VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE	11/28/2001	01273027.1	5/11/2011	1346513	EP
NMXI-0637.00/EP	Utility - NSPCT	Allowed	MATERIAL DEPOSITION FROM A LIQUEFIED GAS SOLUTION	12/30/2002	02792542.9			EP
NMXI-0679.00/EP	Utility - NSPCT	Issued	TWO-DIMENSIONAL PYRAMID FILTER ARCHITECTURE	11/27/2003	02725662.7	6/22/2005	1396081	EP
NMXI-0694.00/EP	Utility - NSPCT	Issued	VARIABLE LEVEL MEMORY	8/6/2002	02757016.7	6/27/2007	1428221	EP
NMXI-0710.00/EP	Utility - NSPCT	Abandoned	ELECTRONIC ASSEMBLY WITH FILLED NO-FLOW UNDERFILL METHODS OF MANUFACTURE	4/8/2004	02802225.9			EP
NMXI-0719.00/EP	Utility - NSPCT	Abandoned	DIGITAL FRAME DETERMINATION AND APPARATUS	6/24/2004	02798607.4	12/2/2009	1488514	EP
NMXI-0721.00/EP	Utility - NSPCT	Abandoned	PROBABILISTIC NETWORKS FOR DETECTING SIGNAL CONTENT	4/22/2004	02757625.5			EP
NMXI-0735.00/EP	Utility - NSPCT	Pending	FILM BULK ACOUSTIC RESONATOR STRUCTURE AND METHOD OF PRODUCING IT	12/17/2002	02805206.6			EP
NMXI-0741.00/EP	Utility - NSPCT	Pending	SYSTEM AND METHOD TO DETECT ERRORS AND PREDICT POTENTIAL FAILURES	6/30/2005	05768522.4			EP
NMXI-0773.00/EP	Utility - NSPCT	Abandoned	INVERSE MULTIPLEXING OF MANAGED TRAFFIC FLOWS OVER A MULTI-STAR NETWORK	2/5/2003	03717887.8	4/11/2007	1475994	EP
NMXI-0786.00/EP	Utility - NSPCT	Issued	ESTABLISHING AN AD HOC NETWORK	4/24/2003	03724240.1	7/8/2009	1514386	EP
NMXI-0844.00/EP	Utility - NSPCT	Issued	SYSTEM AND METHOD OF EFFICIENTLY MODULATING DATA USING SYMBOLS HAVING MORE THAN ONE PULSE - EPO	1/8/2004	04700900.6	12/12/2007	1595343	EP
NMXI-0860.00/EP	Utility - NSPCT	Pending	THERMALLY ENHANCED ELECTRONIC FLIP-CHIP PACKAGING WITH EXTERNAL-CONNECTOR-SIDE DIE AND METHOD	2/9/2004	04709509.6			EP
NMXI-0924.00/EP	Utility - NSPCT	Abandoned	ANNOTATING MEDIA CONTENT WITH USER-SPECIFIED INFORMATION	10/27/2004	04796692.4			EP
NMXI-0393.00/FI	Utility - EPPAT	Abandoned	ARRANGEMENT AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK	12/30/1999	99967807.1	8/10/2005	1142202	FI
NMXI-0018.00/FR	Utility - ORG	Abandoned	A NOVEL ARCHITECTURE FOR FLASH VIRTUAL GROUND MEMORY ARRAY	5/30/1990	9006713	1/27/1995	9006713	FR
NMXI-0050.00/FR	Utility - ORG	Abandoned	CONFORMING POLISHING PAD	7/7/1992	9208358	4/29/1994	9208358	FR
NMXI-0224.00/FR	Utility - EPPAT	Abandoned	NEGATIVE VOLTAGE SWITCHING CIRCUIT	6/7/1996	96918382.1	9/10/2003	0830686	FR

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App No.	Matter Type	Matter Status	Title	Filed	Serial No.	Issued Date	Patent No.	Country
NMXXI-0393.00/FR	Utility - EPPAT	Abandoned	ARRANGEMENT AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK	12/30/1999	99967807.1	8/10/2005	1142202	FR
NMXXI-0532.00/FR	Utility - EPPAT	Lapsed	APPARATUS AND METHOD FOR SIMULATING SPECTULAR REFLECTION IN A COMPUTER GRAPHICS/IMAGING SYSTEM	10/15/1997	97308183.9	7/30/2003	0837429	FR
NMXXI-0622.00/FR	Utility - EPPAT	Abandoned	INTEGRATED OPTICAL CIRCUIT HAVING AN INTEGRATED ARRAYED WAVEGUIDE GRATING (ACW) AND OPTICAL AMPLIFIER(S)	10/17/2002	02795533.5	12/21/2005	1436648	FR
NMXXI-0679.00/FR	Utility - EPPAT	Abandoned	TWO-DIMENSIONAL PYRAMID FILTER ARCHITECTURE	11/27/2003	02725662.7	6/22/2005	1396081	FR
NMXXI-0004.00/GB	Utility - ORG	Abandoned	LOAD LINE FOR EPROM	8/24/1988	8820080.3	11/13/1991	2214380	GB
NMXXI-0012.00/GB	Utility - ORG	Abandoned	PORT EXPANDER ARCHITECTURE FOR EPROM	11/2/1989	8924745.6	11/4/1992	2227582	GB
NMXXI-0018.00/GB	Utility - DIV	Abandoned	METHOD OF ACCESSING AN ELECTRICALLY PROGRAMMABLE MEMORY DEVICE	3/5/1990	9314259.4	1/26/1994	226796	GB
NMXXI-0018.01/GB	Utility - ORG	Abandoned	A NOVEL ARCHITECTURE FOR FLASH VIRTUAL GROUND MEMORY ARRAY	3/5/1990	9004859.6	1/5/1994	2234834	GB
NMXXI-0050.00/GB	Utility - ORG	Abandoned	CONFORMING POLISHING PAD	2/19/1992	9203649.0	11/30/1994	2257382	GB
NMXXI-0174.00/GB	Utility - ORG	Abandoned	MISA FOR BACKING OUT OF A SOFTWARE INSTRUCT. AFTER EXEC. HAS BEGUN	5/11/1988	881077610.3	11/30/1994	292791	GB
NMXXI-0203.00/GB	Utility - EPPAT	Abandoned	PORTABLE DISK DRIVE CARRIER AND CHASSIS	11/28/1995	9594294.2	9/8/2004	0794717	GB
NMXXI-0222.00/GB	Utility - EPPAT	Abandoned	PACKAGE HOUSING MULTIPLE SEMICONDUCTOR DIES	3/12/1996	969087568	6/30/2004	0815615	GB
NMXXI-0239.00/GB	Utility - ORG	Abandoned	MULTI-LAYERED CONTRACTING FOR SECURING INTEGRATED CIRCUITS	12/12/1996	9811429.1	12/13/2000	2323212	GB
NMXXI-0251.00/GB	Utility - NSPCT	Abandoned	METHOD AND APPARATUS FOR DOCKING AND UNDOCKING A NOTEBOOK COMPUTER	9/29/1997	9911695.6	9/12/2001	2340973	GB
NMXXI-0291.00/GB	Utility - ORG	Abandoned	INTEGRATED CIRCUIT PACKAGE	7/9/1997	9905359.3	8/15/2001	2333182	GB
NMXXI-0341.00/GB	Utility - ORG	Abandoned	PORTABLE COMMUNICATION TERMINAL FOR REMOTE DATABASE QUERY	6/30/1987	87109409.0	12/15/1993	0251296	GB
NMXXI-0376.00/GB	Utility - ORG	Lapsed	METHOD AND APPARATUS FOR INCREASING VIDEO FRAME RATE	11/1/2000	0026721.1	12/4/2002	2353912	GB
NMXXI-0414.00/GB	Utility - NSPCT	Abandoned	IMPROVED FLOURINE DOPED SIO2 FILM AND METHOD OF FABRICATION	10/11/2000	0212404.8	4/28/2004	2323372	GB
NMXXI-0490.00/GB	Utility - NSPCT	Abandoned	COMPUTER METHOD AND APPARATUS FOR A TABLE DRIVEN FILE INTERFACE	1/27/1993	93904673.6	12/20/1995	638188	GB
NMXXI-0532.00/GB	Utility - EPPAT	Issued	APPARATUS AND METHOD FOR SIMULATING SPECTULAR REFLECTION IN A COMPUTER GRAPHICS/IMAGING SYSTEM	10/15/1997	97308183.9	7/30/2003	0837429	GB
NMXXI-0546.00/GB	Utility - EPPAT	Lapsed	THREAD LIST EXPLICIT CACHING SYSTEM	9/12/1995	95935071.1	12/6/2006	0781432	GB
NMXXI-0622.00/GB	Utility - EPPAT	Abandoned	INTEGRATED OPTICAL CIRCUIT HAVING AN INTEGRATED ARRAYED WAVEGUIDE GRATING (ACW) AND OPTICAL AMPLIFIER(S)	10/17/2002	02795533.5	12/21/2005	1436648	GB
NMXXI-0679.00/GB	Utility - EPPAT	Abandoned	TWO-DIMENSIONAL PYRAMID FILTER ARCHITECTURE	11/27/2003	02725662.7	6/22/2005	1396081	GB
NMXXI-0694.00/GB	Utility - EPPAT	Issued	VARIABLE LEVEL MEMORY	8/6/2002	02757016.7	6/27/2007	1428221	GB
NMXXI-0712.00/GB	Utility - ORG	Abandoned	PERSONAL INFORMATION DEVICE AND METHOD FOR DOWNLOADING REPROGRAMMING DATA FROM A COMPUTER	11/16/1999	0202551.8	3/31/2004	2369702	GB
NMXXI-0012.00/HK	Utility - ORG	Abandoned	PORT EXPANDER ARCHITECTURE FOR EPROM	11/2/1989	97102060.5	3/27/1998	1000475	HK
NMXXI-0203.00/HK	Utility - ORG	Issued	PORTABLE DISK DRIVE CARRIER AND CHASSIS	3/17/1988	88102243.4	5/13/2005	HK1003252	HK
NMXXI-0204.00/HK	Utility - ORG	Issued	METHOD AND APPARATUS FOR DETECTING AND SELECTING VOLTAGE SUPPLIES FOR FLASH MEMORY	2/26/1998	981015020.2	7/19/2002	HK1002790	HK
NMXXI-0208.00/HK	Utility - ORG	Issued	VARIABLE STAGE CHARGE PUMP	1/15/1999	99100215.1	2/14/2003	HK1015520	HK
NMXXI-0224.00/HK	Utility - ORG	Issued	NEGATIVE VOLTAGE SWITCHING CIRCUIT	9/21/1998	98110789.7	7/30/2004	HK10098978	HK
NMXXI-0239.00/HK	Utility - ORG	Issued	MULTI-LAYERED CONTRACTING FOR SECURING INTEGRATED CIRCUITS	12/12/1996	99101098.1	8/17/2001	1016341	HK

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NMFI-DocNo.	Matter Type	Matter Status	Title	Filed Date	Scholar No.	Inventor	Patent No.	Country
NMFI-0246.00/HK	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROVIDING IMPROVED DIAGNOSTIC FUNCTIONS IN A COMPUTER SYSTEM	5/7/1999	99102071	5/6/2005	HK1017451	HK
NMFI-0251.00/HK	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR DOCKING AND UNDOCKING A NOTEBOOK COMPUTER	9/29/1997	00105429.0	5/31/2002	1027403	HK
NMFI-0376.00/HK	Utility - ORG	Issued	METHOD AND APPARATUS FOR INCREASING VIDEO FRAME RATE	4/4/2001	01102410.7	5/2/2003	HK4031958	HK
NMFI-0377.00/HK	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR PERFORMING VIDEO IMAGE DECODING	5/31/2002	02108033.0			HK
NMFI-0414.00/HK	Utility - ORG	Issued	IMPROVED FLOURINE DOPED SiO2 FILM AND METHOD OF FABRICATION	10/11/2000	02107701.3	12/10/2004	HK1045331	HK
NMFI-0478.00/HK	Utility - ORG	Abandoned	INDUCTIVE CHARGE PUMP CIRCUIT FOR PROVIDING VOLTAGES USEFUL FOR FLASH MEMORY AND OTHER APPLICATIONS	12/23/2002	03104815.2			HK
NMFI-0502.00/HK	Utility - ORG	Abandoned	MICROELECTRONIC PACKAGE HAVING AN INTEGRATED HEAT SINK AND BUILD-UP LAYERS	11/5/2003	03107859.2			HK
NMFI-0504.00/HK	Utility - ORG	Abandoned	LINK-LOCK DEVICE AND METHOD OF MONITORING AND CONTROLLING A LINK FOR FAILURES AND INTRUSIONS	11/20/2001	03106719.4			HK
NMFI-0516.00/HK	Utility - ORG	Abandoned	CALL PROCESSING SYSTEM WITH RESOURCES ON MULTIPLE PLATFORMS	5/23/2003	03103974.1			HK
NMFI-0532.00/HK	Utility - ORG	Issued	APPARATUS AND METHOD FOR SIMULATING SPECTULAR REFLECTION IN A COMPUTER GRAPHICS/IMAGING SYSTEM	5/23/1998	98194475.9	2/20/2004	1005524	HK
NMFI-0550.00/HK	Utility - ORG	Issued	SYSTEM AND METHOD FOR AUTOMATIC FBX DETECTION VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE	5/22/2001	01103490.8	9/11/2009	1034154	HK
NMFI-0626.00/HK	Utility - ORG	Abandoned	DIGITAL FRAME DETERMINATION AND APPARATUS	11/28/2001	3109116.7			HK
NMFI-0719.00/HK	Utility - ORG	Abandoned	PROBABILISTIC NETWORKS FOR DETECTING SIGNAL CONTENT	10/27/2004	04108409.4			HK
NMFI-0721.00/HK	Utility - ORG	Abandoned	FILM BUZZ ACOUSTIC RESONATOR STRUCTURE AND METHOD OF MAKING	8/6/2004	04105864.8			HK
NMFI-0736.00/HK	Utility - ORG	Abandoned	ESTABLISHING AN AD HOC NETWORK	11/3/2004	04108659.1			HK
NMFI-0786.00/HK	Utility - ORG	Abandoned	SYSTEM AND METHOD OF EFFICIENTLY MODULATING DATA USING SYMBOLS HAVING MORE THAN ONE PULSE	4/24/2003	05102495.1	7/8/2009	1069269	HK
NMFI-0844.00/HK	Utility - ORG	Abandoned	THERMALLY ENHANCED ELECTRONIC FLIP-CHIP PACKAGING WITH EXTERNAL-CONNECTOR-SIDE DIE AND METHOD	12/30/2005	05112185.5			HK
NMFI-0860.00/HK	Utility - ORG	Abandoned	CONFORMING POLISHING PAD	12/19/2005	05111716.5			HK
NMFI-0950.00/IE	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR BIT CELL GROUND CHOKING FOR IMPROVED MEMORY WRITE MARGIN	4/7/1992	9211103	11/21/1995	66126	IE
NMFI-0282.00/IL	Utility - ORG	Abandoned	CONTROLLED COLLAPSE CHIP CONNECTION (CA) INTEGRATED CIRCUIT PACKAGE WHICH HAS TWO DISSIMILAR UNDERFILL MATERIALS	12/11/1997	130563	2/1/2004	130563	IL
NMFI-0420.00/IN	Utility - ORG	Abandoned	A METHOD AND SYSTEM FOR PROVIDING INTERNET SERVICES TO A CONSUMER THROUGH REMOTE MANAGEMENT AND CONTROL	8/10/2001	IN/PCT/200101042/MU	4/17/2006	200061	IN
NMFI-0497.00/IN	Utility - NSPCT	Abandoned	MICROELECTRONIC PACKAGE HAVING AN INTEGRATED HEAT SINK AND BUILD-UP LAYERS	5/17/2001	IN/PCT/2002/01358-C	6/9/2006	199364	IN
NMFI-0502.00/IN	Utility - NSPCT	Abandoned	VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE	4/29/2003	540/KOLNP/2003			IN
NMFI-0626.00/IN	Utility - NSPCT	Abandoned	A NOVEL ARCHITECTURE FOR FLASH VIRTUAL GROUND MEMORY ARRAY	5/27/2003	675/KOLNP/2003	10/14/2005	195131	IN
NMFI-0018.00/IT	Utility - ORG	Abandoned	M&A FOR BACKING OUT OF A SOFTWARE INSTRUCTION AFTER EXECUTION HAS BEGUN	7/23/1990	21015 A/90	5/16/1994	1242497	IT
NMFI-0174.00/IT	Utility - ORG	Abandoned		5/11/1988	88107610.3	11/30/1994	292791	IT

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MTI Docket No.	Matter Type	Matter Status	Title	Filed	Serial No.	Issued Date	Patent No.	Country
NMXXI-0532.00/JT	Utility - EPPAT	Lapsed	APPARATUS AND METHOD FOR SIMULATING SPECULAR REFLECTION IN A COMPUTER GRAPHICS/IMAGING SYSTEM	10/27/2003	97308183.9			IT
NMXXI-0550.00/JT	Utility - EPPAT	Issued	SYSTEM AND METHOD FOR AUTOMATIC PDX DETECTION	1/20/1999	999041593	1/14/2009	1053621	JP
NMXXI-0023.00/JP	Utility - ORG	Issued	TUNGSTEN ETCH PROCESS	4/17/1992	122983/92	7/27/2001	3213820	JP
NMXXI-0034.00/JP	Utility - ORG	Issued	UPROM DEVICE	11/13/1991	324108/91	4/6/2001	317963	JP
NMXXI-0050.00/JP	Utility - ORG	Abandoned	CONFORMING POLISHING PAD	5/22/1992	154196/92	8/18/2000	3099209	JP
NMXXI-0052.00/JP	Utility - DIV	Abandoned	ADVANCED MULTILAYER MOLDED PLASTIC PACKAGE USING MESIC TECHNOLOGY	2/18/1993	514358/93			JP
NMXXI-0064.00/JP	Utility - ORG	Issued	SURFACE SWEEPING METHOD FOR 3-D TOPOGRAPHY SIMULATION	5/24/1993	121723/1993	4/11/2003	3416894	JP
NMXXI-0065.00/JP	Utility - ORG	Issued	CALCULATION METHOD FOR PARTICLE FLUX SHADOWING	5/24/1993	121605/1993	11/1/2002	3365565	JP
NMXXI-0168.00/JP	Utility - ORG	Issued	BUILD UP TYPE SOCKETABLE BGH	3/17/1994	71270/94	4/15/2005	3667786	JP
NMXXI-0173.00/JP	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROVIDING AN ULTRA LOW POWER REGULATED NEGATIVE CHARGE PUMP	3/16/1995	524718/95	6/17/2005	3688710	JP
NMXXI-0174.00/JP	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR BACKING OUT OF A SOFTWARE INSTRUCTION AFTER EXECUTION HAS BEGUN	5/18/1988	121665/88	8/26/1994	1865189	JP
NMXXI-0204.00/JP	Utility - NSPCT	Pending	ACCURATE VPE DETECTOR FOR FLASH MEMORY	10/18/1995	514005/96			JP
NMXXI-0208.00/JP	Utility - NSPCT	Issued	VARIABLE STAGE CHARGE PUMP	9/30/1996	513766/97	2/3/2006	3766101	JP
NMXXI-0222.00/JP	Utility - NSPCT	Issued	DUAL DIE PACKAGE FOR SEGAL APPLICATIONS	3/12/1996	527776/96	9/9/2005	3717937	JP
NMXXI-0224.00/JP	Utility - NSPCT	Abandoned	NEGATIVE VOLTAGE SWITCHING CIRCUIT	6/7/1996	501941/97			JP
NMXXI-0251.00/JP	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR DOCKING AND UNDOCKING A NOTEBOOK COMPUTER	9/29/1997	523636/98	2/26/2010	4463879	JP
NMXXI-0282.00/JP	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR BIT CELL GROUND CHOKING FOR IMPROVED MEMORY WRITE MARGIN	12/11/1997	530079/98			JP
NMXXI-0313.00/JP	Utility - ORG	Abandoned	PERIPHERAL DEVICE PREVENTING POST-SCAN MODIFICATION	3/12/1998	541666/98			JP
NMXXI-0325.00/JP	Utility - ORG	Abandoned	MULTI-LAYER CODER/DECODER FOR PRODUCING QUANTIZATION ERROR SIGNAL SAMPLES	9/21/1998	2000-519556			JP
NMXXI-0337.00/JP	Utility - NSPCT	Issued	VARIABLE DELAY CELL WITH A SELF-BIASING LOAD	1/5/1999	2000-540619	9/19/2008	4188562	JP
NMXXI-0376.00/JP	Utility - NSPCT	Abandoned	METHOD AND APPARATUS FOR INCREASING VIDEO FRAME RATE	3/12/1999	2000-547785			JP
NMXXI-0392.00/JP	Utility - ORG	Issued	METHOD AND CIRCUIT FOR DATA DEPENDENT VOLTAGE BIAS LEVEL	4/19/2001	2000-583167	7/24/2009	4348015	JP
NMXXI-0420.00/JP	Utility - ORG	Abandoned	CONTROLLED COLLAPSE CHIP CONNECTION (CA) INTEGRATED CIRCUIT PACKAGE WHICH HAS TWO DISSIMILAR UNDERFILL MATERIALS	8/31/2001	2000-603092			JP
NMXXI-0490.00/JP	Utility - NSPCT	Issued	COMPUTER METHOD AND APPARATUS FOR A TABLE DRIVEN FILE INTERFACE	1/27/1993	519231/93	3/31/2005	3786419	JP
NMXXI-0502.00/JP	Utility - NSPCT	Abandoned	MICROELECTRONIC PACKAGE HAVING AN INTEGRATED HEAT SINK AND BUILD-UP LAYERS	6/9/2003	2002-548782			JP
NMXXI-0516.00/JP	Utility - NSPCT	Issued	CALL PROCESSING SYSTEM WITH RESOURCES ON MULTIPLE PLATFORMS	5/23/2003	2001-565629	6/9/2006	3813873	JP
NMXXI-0532.00/JP	Utility - ORG	Abandoned	APPARATUS AND METHOD FOR SIMULATING SPECULAR REFLECTION IN A COMPUTER GRAPHICS/IMAGING SYSTEM	7/14/1997	195011/1997			JP
NMXXI-0583.00/JP	Utility - NSPCT	Abandoned	SYSTEM AND METHOD FOR PROVIDING AUTHENTICATION AND VERIFICATION SERVICES IN AN ENHANCED MEDIA GATEWAY	6/27/2003	2002-554833	3/6/2009	4272429	JP
NMXXI-0599.00/JP	Utility - NSPCT	Abandoned	ENHANCED MEDIA GATEWAY CONTROL PROTOCOL	8/27/2003	2002-555069			JP
NMXXI-0599.01/JP	Utility - NSPCT	Abandoned	ENHANCED MEDIA GATEWAY CONTROL PROTOCOL	12/21/2001	2007-290121			JP
NMXXI-0622.00/JP	Utility - NSPCT	Issued	INTEGRATED OPTICAL CIRCUIT HAVING AN INTEGRATED ARRAYED WAVEGUIDE GRATINGS (ACW) AND OPTICAL AMPLIFIER(S)	10/17/2002	2003-536786	3/13/2009	4276946	JP

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NMXI-0626.00/JP	Utility - NSPCT	Abandoned	VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE	6/30/2003	2002-555593			JP
NMXI-0653.00/JP	Utility - NSPCT	Abandoned	LOW VOLTAGE OPERATION OF STATIC RANDOM ACCESS MEMORY	11/20/2002	P2003-550231			JP
NMXI-0659.00/JP	Utility - NSPCT	Abandoned	ENABLING MANUAL ADJUSTMENT OF POINTING DEVICE CURSOR SPEED	9/26/2003	2002-575882			JP
NMXI-0679.00/JP	Utility - NSPCT	Issued	TWO-DIMENSIONAL PYRAMID FILTER ARCHITECTURE	4/12/2002	2002-586286	3/28/2008	4102198	JP
NMXI-0712.00/JP	Utility - ORG	Abandoned	PERSONAL INFORMATION DEVICE AND METHOD FOR DOWNLOADING REPROGRAMMING DATA FROM A COMPUTER TO THE PERSONAL INFORMATION DEVICE VIA THE PCMCIA PORT OR THROUGH A DOCKING STATION WITH BAUD RATE CONVERSION MEANS	1/30/2002	2001-516051			JP
NMXI-0736.00/JP	Utility - NSPCT	Issued	FILM BULK ACOUSTIC RESONATOR STRUCTURE AND METHOD OF MAKING	12/17/2002	2003-553708	7/11/2008	4152892	JP
NMXI-0752.00/JP	Utility - NSPCT	Abandoned	METHOD FOR MEDIA CONTENT PRESENTATION IN CONSIDERATION OF SYSTEM POWER	10/14/2004	586733/2003			JP
NMXI-0752.01/JP	Utility - DIV	Abandoned	METHOD FOR MEDIA CONTENT PRESENTATION IN CONSIDERATION OF SYSTEM POWER	12/25/2008	2008-329618			JP
NMXI-0786.00/JP	Utility - NSPCT	Abandoned	ESTABLISHING AN AD HOC NETWORK	4/24/2003	2004-500440			JP
NMXI-0854.00/JP	Utility - NSPCT	Abandoned	APPARATUS AND METHOD TO PROVIDE MULTITHREADED COMPUTER PROCESSING	4/16/2004	2004-501283			JP
NMXI-0924.00/JP	Utility - NSPCT	Abandoned	ANNOTATING MEDIA CONTENT WITH USER-SPECIFIED INFORMATION	10/27/2004	2006-538272			JP
NMXI-0950.00/KR	Utility - ORG	Issued	CONFORMING POLISHING PAD	3/17/1992	92-4336	5/18/1999	214163	KR
NMXI-0173.00/KR	Utility - ORG	Issued	LOW POWER CHARGE PUMP FOR FLASH MEMORY	9/23/1996	1996-705254	5/15/2000	263275	KR
NMXI-0224.00/KR	Utility - NSPCT	Issued	NEGATIVE VOLTAGE SWITCHING CIRCUIT	6/7/1996	1997-709025	3/27/2001	292832	KR
NMXI-0239.00/KR	Utility - NSPCT	Issued	MULTI-LAYERED CONTACTING FOR SECURING INTEGRATED CIRCUITS	6/20/1998	1998-704709	8/24/2001	307895	KR
NMXI-0251.00/KR	Utility - NSPCT	Issued	METHOD AND APPARATUS FOR DOCKING AND UNDOCKING A NOTEBOOK COMPUTER	9/29/1997	1999-700446.1	5/30/2003	387336	KR
NMXI-0282.00/KR	Utility - ORG	Issued	METHOD AND APPARATUS FOR BIT CELL GROUND CHOKING FOR IMPROVED MEMORY WRITE MARGIN	6/29/1999	1999-700594.7	6/21/2002	348029	KR
NMXI-0291.00/KR	Utility - ORG	Issued	INTEGRATED CIRCUIT PACKAGE	3/9/1999	1999-700195.3	4/29/2005	488324	KR
NMXI-0313.00/KR	Utility - ORG	Issued	SELF-CONFIGURING INTERFACE ARCHITECTURE ON FLASH MEMORIES	10/9/1999	1999-700931.6	5/30/2003	387338	KR
NMXI-0337.00/KR	Utility - NSPCT	Issued	VARIABLE DELAY CELL WITH A SELF-BIASING LOAD	7/13/2000	10-2000-700772.5	12/20/2002	0367110	KR
NMXI-0370.00/KR	Utility - ORG	Abandoned	POSITION SENSITIVE DISPLAY CONTROLLER	11/7/2000	2000-701243.6	4/22/2004	430139	KR
NMXI-0392.00/KR	Utility - ORG	Issued	METHOD AND CIRCUIT FOR DATA DEPENDENT VOLTAGE BIAS LEVEL	4/19/2001	10-2001-700601.2	4/4/2006	0569749	KR
NMXI-0420.00/KR	Utility - ORG	Issued	CONTROLLED COLLAPSE CHIP CONNECTION (CA) INTEGRATED CIRCUIT PACKAGE WHICH HAS TWO DISSIMILAR UNDERFILL MATERIALS	9/3/2001	2001-701122.7	10/11/2005	0522383	KR
NMXI-0420.01/KR	Utility - DIV	Issued	CONTROLLED COLLAPSE CHIP CONNECTION (CA) INTEGRATED CIRCUIT PACKAGE WHICH HAS TWO DISSIMILAR UNDERFILL MATERIALS	1/21/2005	2005-700121.2	6/22/2005	0498675	KR
NMXI-0502.00/KR	Utility - NSPCT	Abandoned	MICROELECTRONIC PACKAGE HAVING AN INTEGRATED HEAT SINK AND BUILD-UP LAYERS	6/5/2003	10-2003-700750.6			KR
NMXI-0535.00/KR	Utility - NSPCT	Issued	DEGENERATIVE LOAD TEMPERATURE CORRECTION FOR CHARGE PUMPS	3/5/2003	2003-700439.7	1/25/2006	0548910	KR

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NMXXI-0622.00/KR	Utility - NSPCT	Issued	INTEGRATED OPTICAL CIRCUIT HAVING AN INTEGRATED ARRAYED WAVEGUIDE GRATING (ACW) AND OPTICAL AMP-LIERS(S) VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE	10/17/2002	2004-7005595	4/3/2007	0705865	KR
NMXXI-0626.00/KR	Utility - NSPCT	Issued	LOW VOLTAGE OPERATION OF STATIC RANDOM ACCESS MEMORY TWO-DIMENSIONAL PYRAMID FILTER ARCHITECTURE	6/28/2003	2003-7008832	7/14/2006	10-0603879	KR
NMXXI-0653.00/KR	Utility - NSPCT	Issued	VARIABLE LEVEL MEMORY	11/20/2002	2004-7008174	9/28/2006	10-0632138	KR
NMXXI-0679.00/KR	Utility - NSPCT	Issued	FILM BULK ACOUSTIC RESONATOR STRUCTURE AND METHOD OF MAKING	10/29/2003	10-2003-7014161	2/2/2006	0550676	KR
NMXXI-0694.00/KR	Utility - NSPCT	Pending		3/17/2004	2004-7009885			KR
NMXXI-0736.00/KR	Utility - NSPCT	Issued	METHOD FOR MEDIA CONTENT PRESENTATION IN CONSIDERATION OF SYSTEM POWER	6/17/2004	2004-7009478	1/9/2007	669594	KR
NMXXI-0752.00/KR	Utility - NSPCT	Abandoned	APPARATUS AND METHOD TO PROVIDE MULTITHREADED COMPUTER PROCESSING	10/15/2004	10-2004-7016496			KR
NMXXI-0854.00/KR	Utility - NSPCT	Abandoned	CONTROLLED COLLAPSE CHIP CONNECTION (C4) INTEGRATED CIRCUIT PACKAGE WHICH HAS TWO DISSIPILAR UNDERFILL MATERIALS	4/16/2004	2005-7021223			KR
NMXXI-0420.00/MX	Utility - ORG	Abandoned	DUAL DIE PACKAGE FOR SERIAL APPLICATIONS	8/10/2001	PA/A/2001/008580			MX
NMXXI-0222.00/MY	Utility - ORG	Abandoned	AN INTEGRATED CIRCUIT PACKAGE	3/8/1996	9600858	6/30/2006	124460	MY
NMXXI-0291.00/MY	Utility - ORG	Abandoned	SELF-CONFIGURING INTERFACE ARCHITECTURE ON FLASH MEMORIES	9/9/1997	9704164	5/31/2005	MY-116966-A	MY
NMXXI-0313.00/MY	Utility - ORG	Abandoned	MICROELECTRONIC PACKAGE HAVING AN INTEGRATED HEAT SINK AND BUILD-UP LAYERS	4/29/1998	9801913	4/29/2006	MY-122261-A	MY
NMXXI-0502.00/MY	Utility - ORG	Abandoned	DIGITAL LEAKAGE COMPENSATION CIRCUIT	11/12/2001	P120015198			MY
NMXXI-0626.00/MY	Utility - ORG	Abandoned	NOISE DEPENDENT FILTER	12/10/2001	P120015604	6/29/2007	MY-130278-A	MY
NMXXI-0645.00/MY	Utility - ORG	Abandoned	FILM BULK ACOUSTIC RESONATOR STRUCTURE AND METHOD OF MAKING	1/18/2002	P120020207	5/31/2006	MY-122780-A	MY
NMXXI-0655.00/MY	Utility - ORG	Abandoned	APPARATUS AND METHOD TO PROVIDE MULTITHREADED COMPUTER PROCESSING	6/21/2002	P12022322	12/31/2007	MY-134599-A	MY
NMXXI-0736.00/MY	Utility - ORG	Abandoned	ARRANGEMENT AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK	12/17/2002	P120024718	11/28/2008	MY-136656-A	MY
NMXXI-0854.00/MY	Utility - ORG	Abandoned	TWO-DIMENSIONAL PYRAMID FILTER ARCHITECTURE	5/7/2004	P120041684			MY
NMXXI-0393.00/NL	Utility - EPPAT	Abandoned	VARIABLE STAGE CHARGE PUMP	12/30/1999	99967807.1	8/10/2005	1142202	NL
NMXXI-0679.00/NL	Utility - EPPAT	Abandoned	INTEGRATED OPTICAL CIRCUIT HAVING AN INTEGRATED ARRAYED WAVEGUIDE GRATING (ACW) AND OPTICAL AMP(LIERS(S)) ARRANGEMENT AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK	4/12/2002	02725662.7	6/22/2005	1396081	NL
NMXXI-0337.00/PH	Utility - ORG	Abandoned	CONFORMING POLISHING PAD	1/12/1999	1-1999-00064	2/3/2004	1-1999-00064	PH
NMXXI-0208.00/RU	Utility - NSPCT	Abandoned	METHOD AND APPARATUS FOR PROGRAMMING AND ERASING FLASH EPROM MEMORY ARRAYS UTILIZING A CHARGE PUMP CIRCUIT	9/30/1996	98108548	8/20/2001	2172525	RU
NMXXI-0622.00/RU	Utility - NSPCT	Abandoned	UNIVERSAL CARRIER FOR HOT SWAPPABLE DRIVER	10/17/2002	2004114867	3/20/2006	2272308	RU
NMXXI-0393.00/SE	Utility - EPPAT	Abandoned	ACCURATE VPP DETECTOR FOR FLASH MEMORY	12/30/1999	99967807.1	8/10/2005	1142202	SE
NMXXI-0050.00/SG	Utility - ORG	Issued	VARIABLE STAGE CHARGE PUMP	2/19/1992	5590755-6	7/29/1995	30657	SG
NMXXI-0123.00/SG	Utility - ORG	Issued	METHOD AND APPARATUS FOR PROGRAMMING AND ERASING FLASH EPROM MEMORY ARRAYS UTILIZING A CHARGE PUMP CIRCUIT	9/6/1994	9605497-8	5/7/2002	63591	SG
NMXXI-0203.00/SG	Utility - NSPCT	Issued	APPARATUS AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK	11/28/1995	9702174-5	9/28/1998	41086	SG
NMXXI-0204.00/SG	Utility - NSPCT	Issued	INTEGRATED OPTICAL CIRCUIT HAVING AN INTEGRATED ARRAYED WAVEGUIDE GRATING (ACW) AND OPTICAL AMP(LIERS(S)) ARRANGEMENT AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK	10/18/1995	9701544-0	9/28/1998	39520	SG
NMXXI-0208.00/SG	Utility - NSPCT	Issued	CONFORMING POLISHING PAD	9/30/1996	9800988-9	1/25/2000	49445	SG
NMXXI-0221.00/SG	Utility - ORG	Issued	UNIVERSAL CARRIER FOR HOT SWAPPABLE DRIVER	2/15/1996	9704852-4	5/25/1999	45876	SG
NMXXI-0222.00/SG	Utility - NSPCT	Issued	METHOD TO PREVENT INTRUSIONS INTO ELECTRONIC CIRCUITRY	3/12/1996	9704782-3	3/30/1999	45806	SG

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NMXXI-0246.00/SG	Utility - NSPCT	Issued	METHOD AND APPARATUS FOR PROVIDING IMPROVED DIAGNOSTIC FUNCTIONS IN A COMPUTER SYSTEM	6/27/1997	9806364-7	3/20/2001	61079	SG
NMXXI-0251.00/SG	Utility - NSPCT	Abandoned	METHOD AND APPARATUS FOR DOCKING AND UNDOCKING A NOTEBOOK COMPUTER	9/29/1997	9902175-0	10/16/2001	65368	SG
NMXXI-0282.00/SG	Utility - ORG	Issued	METHOD AND APPARATUS FOR BIT CELL GROUND CHOKING FOR IMPROVED MEMORY WRITE MARGIN	12/11/1997	9902870-6	2/4/2002	66110	SG
NMXXI-0291.00/SG	Utility - ORG	Issued	INTEGRATED CIRCUIT PACKAGE	7/9/1997	9900858-3	4/17/2001	54145	SG
NMXXI-0414.00/SG	Utility - NSPCT	Issued	IMPROVED FLOURINE DOPED SiO2 FILM AND METHOD OF FABRICATION	10/11/2000	200202938-7	4/29/2005	89071	SG
NMXXI-0462.00/SG	Utility - ORG	Abandoned	ANTENNA INTERFACE	11/26/2001	200107090-3	7/29/2005	84929	SG
NMXXI-0473.00/SG	Utility - NSPCT	Issued	BAND PHASE-LOCKED LOOP	3/4/1998	9904271.5	10/31/2007	67712	SG
NMXXI-0478.00/SG	Utility - NSPCT	Issued	INDUCTIVE CHARGE PUMP CIRCUIT FOR PROVIDING VOLTAGES USEFUL FOR FLASH MEMORY AND OTHER APPLICATIONS	6/1/2001	200207891-9	10/31/2005	94050	SG
NMXXI-0502.00/SG	Utility - NSPCT	Abandoned	MICROELECTRONIC PACKAGE HAVING AN INTEGRATED HEAT SINK AND BUILD-UP LAYERS	5/29/2003	200303042-6	8/31/2006	97371	SG
NMXXI-0532.00/SG	Utility - ORG	Issued	APPARATUS AND METHOD FOR SIMULATING SPECULAR REFLECTION IN A COMPUTER GRAPHICS/IMAGING SYSTEM	10/13/1997	9703726-1	4/21/2001	74026	SG
NMXXI-0535.00/SG	Utility - NSPCT	Issued	DEGENERATIVE LOAD TEMPERATURE CORRECTION FOR CHARGE PUMPS	9/25/2001	200301211-9	10/31/2005	95375	SG
NMXXI-0626.00/SG	Utility - NSPCT	Issued	VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE	11/28/2001	200302974-1	11/30/2005	96977	SG
NMXXI-0637.00/SG	Utility - NSPCT	Issued	MATERIAL DEPOSITION FROM A LIQUEFIED GAS SOLUTION	12/30/2002	200307522-3	8/31/2006	101681	SG
NMXXI-0653.00/SG	Utility - NSPCT	Issued	LOW VOLTAGE OPERATION OF STATIC RANDOM ACCESS MEMORY	11/20/2002	200402809-8	8/31/2006	104206	SG
NMXXI-0694.00/SG	Utility - NSPCT	Issued	VARIABLE LEVEL MEMORY	8/6/2002	200400973-4	5/31/2006	103418	SG
NMXXI-0719.00/SG	Utility - NSPCT	Abandoned	DIGITAL FRAME DETERMINATION AND APPARATUS	6/28/2004	200403602-6	7/31/2006	105264	SG
NMXXI-0721.00/SG	Utility - NSPCT	Abandoned	PROBABILISTIC NETWORKS FOR DETECTING SIGNAL CONTENT	3/10/2004	200401398-3	5/31/2006	103034	SG
NMXXI-0726.00/SG	Utility - NSPCT	Issued	ESTABLISHING AN AD HOC NETWORK	4/24/2003	200406094-3	10/31/2006	117627	SG
NMXXI-0844.00/SG	Utility - NSPCT	Pending	SYSTEM AND METHOD OF EFFICIENTLY MODULATING DATA USING SYMBOLS HAVING MORE THAN ONE PULSE	1/8/2004	200504905-1			SG
NMXXI-0902.00/TH	Utility - ORG	Abandoned	MICROELECTRONIC PACKAGE HAVING AN INTEGRATED HEAT SINK AND BUILD-UP LAYERS	12/3/2001	70155			TH
NMXXI-0626.00/TH	Utility - ORG	Abandoned	VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE	12/27/2001	70821			TH
NMXXI-0710.00/TH	Utility - ORG	Abandoned	ELECTRONIC ASSEMBLY WITH FILLED NO-FLOW UNDERFILL METHODS OF MANUFACTURE	10/24/2002	77522			TH
NMXXI-0050.00/TW	Utility - ORG	Issued	CONFORMING POLISHING PAD- UTILITY	4/1/1992	81102503	2/1/1994	065102	TW
NMXXI-0168.00/TW	Utility - ORG	Issued	BUILD UP TYPE SOCKETABLE BGA	2/28/1996	85102652	10/1/1999	107586	TW
NMXXI-0221.00/TW	Utility - ORG	Issued	A METHOD TO PREVENT INTRUSION INTO ELECTRONIC CIRCUITRY	12/28/1995	84114065	4/23/2002	N1 147686	TW
NMXXI-0239.00/TW	Utility - ORG	Issued	IC BASED VBI DECODER	1/30/1997	86101070	4/1/1998	093868	TW
NMXXI-0251.00/TW	Utility - ORG	Issued	METHOD AND APPARATUS FOR DOCKING AND UNDOCKING A NOTEBOOK COMPUTER	10/15/1997	86115173	7/11/1999	105201	TW
NMXXI-0282.00/TW	Utility - ORG	Issued	METHOD AND APPARATUS FOR BIT CELL GROUND CHOKING FOR IMPROVED MEMORY WRITE MARGIN	12/26/1997	86119800	2/21/1999	N1-101313	TW
NMXXI-0330.00/TW	Utility - ORG	Issued	CIRCUIT AND METHOD FOR CONTROLLING POWER AND PERFORMANCE BASED ON OPERATING ENVIRONMENT	5/2/1998	87106806	8/21/2001	N1-138833	TW
NMXXI-0337.00/TW	Utility - ORG	Issued	VARIABLE DELAY CELL WITH A SELF-BIASING LOAD	1/13/1999	88100466	5/28/2001	N1-132638	TW
NMXXI-0376.00/TW	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR INCREASING VIDEO FRAME RATE	8/4/1999	88107420	8/1/2001	N1-137397	TW

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App No.	App Title	App Status	App Desc	App Date	App No.	App Date	App No.	App Date	App No.	App Date
NMXI-0377.00/TW	Utility - ORG	Issued	METHOD AND APPARATUS FOR PERFORMING VIDEO IMAGE DECODING	12/5/2000	089125882	12/27/2002	Ni-162716	TW		
NMXI-0411.00/TW	Utility - ORG	Issued	METHOD AND APPARATUS FOR WRITING LOPS INTO A BUFFER QUEUE INCLUDING OVERWRITING ENTRIES THAT ARE INDICATED TO CONTAIN INVALID LOPS	2/21/2001	090103910	7/1/2003	Ni-172931	TW		
NMXI-0414.00/TW	Utility - ORG	Issued	IMPROVED FLOURINE DOPED SIO2 FILM AND METHOD OF FABRICATION	11/16/2000	089124269	1/1/2005	1226100	TW		
NMXI-0462.00/TW	Utility - ORG	Issued	ANTENNA INTERFACE	5/23/2000	89109929	4/17/2002	147310	TW		
NMXI-0474.00/TW	Utility - ORG	Issued	SINGLE CHIP CMOS DIRECT-CONVERSION TRANSCIVER	12/7/1999	88115867	12/9/2001	138262	TW		
NMXI-0478.00/TW	Utility - ORG	Issued	INDUCTIVE CHARGE PUMP CIRCUIT FOR PROVIDING VOLTAGES USEFUL FOR FLASH MEMORY AND OTHER APPLICATIONS	5/24/2001	90112533	2/1/2003	519657	TW		
NMXI-0497.00/TW	Utility - ORG	Abandoned	REMOTEY MANAGING AND CONTROLLING A CONSUMER APPLIANCE	5/30/2001	90113072	11/1/2005	1242733	TW		
NMXI-0504.00/TW	Utility - ORG	Issued	LINK-LOCK DEVICE AND METHOD OF MONITORING AND CONTROLLING A LINK FOR FAILURES AND INTRUSIONS	11/21/2001	090128857	11/11/2003	Ni-189923	TW		
NMXI-0532.00/TW	Utility - ORG	Abandoned	APPARATUS AND METHOD FOR SIMULATING SPECULAR REFLECTION IN A COMPUTER GRAPHICS/IMAGING SYSTEM	6/27/1997	86109133	12/16/1998	096578	TW		
NMXI-0535.00/TW	Utility - ORG	Abandoned	DEGENERATIVE LOAD TEMPERATURE CORRECTION FOR CHARGE PUMPS	9/27/2001	090123932	10/16/2003	Ni-179952	TW		
NMXI-0548.00/TW	Utility - ORG	Issued	METHOD, APPARATUS, AND SYSTEM TO ENHANCE NEGATIVE VOLTAGE SWITCHING	3/5/2002	091104064	7/27/2004	Ni-199496	TW		
NMXI-0557.00/TW	Utility - ORG	Issued	MATERIAL DEPOSITION FROM A LIQUERED GAS SOLUTION	12/31/2002	91138032	10/11/2005	1241355	TW		
NMXI-0645.00/TW	Utility - ORG	Issued	DIGITAL LEAKAGE COMPENSATION CIRCUIT	3/26/2002	091105913	10/27/2003	Ni-180769	TW		
NMXI-0652.00/TW	Utility - ORG	Issued	APPARATUS HAVING A FIRST CIRCUIT SUPPLYING A POWER POTENTIAL TO A SECOND CIRCUIT UNDER A FIRST OPERATING MODE OTHERWISE DECOUPLING THE POWER POTENTIAL	3/7/2002	91104263	7/11/2005	1235909	TW		
NMXI-0653.00/TW	Utility - ORG	Issued	LOW VOLTAGE OPERATION OF STATIC RANDOM ACCESS MEMORY	11/20/2002	091132888	3/21/2007	1277100	TW		
NMXI-0659.00/TW	Utility - ORG	Abandoned	ENABLING MANUAL ADJUSTMENT OF POINTING DEVICE CURSOR SPEED	1/15/2002	91100508	9/29/2004	203147	TW		
NMXI-0679.00/TW	Utility - ORG	Issued	TWO-DIMENSIONAL PYRAMID FILTER ARCHITECTURE	3/12/2002	091104602	10/11/2003	Ni-187516	TW		
NMXI-0694.00/TW	Utility - ORG	Issued	VARIABLE LEVEL MEMORY	8/28/2002	91119529	12/11/2006	1268511	TW		
NMXI-0719.00/TW	Utility - ORG	Abandoned	DIGITAL FRAME DETERMINATION AND APPARATUS	1/3/2003	92100083	11/11/2006	1266510	TW		
NMXI-0721.00/TW	Utility - ORG	Abandoned	PROBABILISTIC NETWORKS FOR DETECTING SIGNAL CONTENT	9/23/2002	091121741	1/21/2008	1292902	TW		
NMXI-0734.00/TW	Utility - ORG	Abandoned	INTEGRATED OPTOELECTRICAL CIRCUIT PACKAGE WITH OPTICAL WAVEGUIDE INTERCONNECTS	3/11/2003	92105182			TW		
NMXI-0736.00/TW	Utility - ORG	Issued	FILM BULK ACOUSTIC RESONATOR STRUCTURE AND METHOD OF MAKING	12/13/2002	91136074	6/4/2004	196797	TW		
NMXI-0741.00/TW	Utility - ORG	Issued	SYSTEM AND METHOD TO DETECT ERRORS AND PREDICT POTENTIAL FAILURES	7/4/2005	94122551	12/1/2009	1317868	TW		
NMXI-0752.00/TW	Utility - ORG	Abandoned	METHOD, MACHINE-READABLE MEDIUM, APPARATUS AND SYSTEM FOR MEDIA CONTENT PRESENTATION IN CONSIDERATION OF SYSTEM POWER	4/17/2003	92108929			TW		
NMXI-0778.00/TW	Utility - ORG	Abandoned	INVERSE MULTIPLEXING OF MANAGED TRAFFIC FLOWS OVER A MULTI-STAR NETWORK	2/21/2003	92103629	12/1/2009	1318066	TW		
NMXI-0781.00/TW	Utility - ORG	Abandoned	ELECTROSTATIC DISCHARGE PROTECTION CIRCUIT HAVING A RING OSCILLATOR TIMER CIRCUIT	2/24/2003	092103764			TW		
NMXI-0814.00/TW	Utility - ORG	Issued	ADAPTIVE EQUALIZATION USING A CONDITIONAL UPDATE SIGN-SIGN LEAST MEAN SQUARE ALGORITHM	9/9/2004	93127272	12/1/2005	1244835	TW		

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NMXI-0860.00/TW	Utility - ORG	Issued	TERNALLY ENHANCED ELECTRONIC FLIP-CHIP PACKAGING WITH EXTERNAL-CONNECTOR-SIDE DIE AND METHOD	2/11/2004	93103221		8/11/2009	1313504 TW
NMXI-0887.00/TW	Utility - ORG	Issued	TECHNIQUES TO PERFORM LINE QUALIFICATION	5/27/2004	93115087		12/1/2005	1244854 TW
NMXI-0891.00/TW	Utility - ORG	Issued	STROBE THROUGH DIFFERENTIAL SIGNALING IN MSL	4/19/2004	93110830		1/21/2006	1248255 TW
NMXI-0903.00/TW	Utility - ORG	Issued	TECHNIQUES TO TEST SIGNAL PROPAGATION MEDIA	5/27/2004	93115086		12/11/2005	1245503 TW
NMXI-0924.00/TW	Utility - ORG	Abandoned	ANNOTATING MEDIA CONTENT WITH USER-SPECIFIED INFORMATION	10/28/2004	93132733		11/1/2009	1315670 TW
NMXI-0944.00/TW	Utility - ORG	Issued	NOVEL STACKED PACKAGE THROUGH SOLDER BALL WITH STENCIL-PRINTED ENCAPSULANT	7/27/2005	94125491		4/21/2008	1296151 TW
NMXI-0960.00/TW	Utility - ORG	Abandoned	CASCADE CONNECTION MATRICES IN A DISTRIBUTED CROSS-CONNECTION SYSTEM	12/16/2005	94144718			
NMXI-0962.00/TW	Utility - ORG	Abandoned	REMOTE STATUS FORWARDING IN A DISTRIBUTED CROSS-CONNECTION SYSTEM	12/16/2005	94144719			
NMXI-0978.00/TW	Utility - ORG	Issued	TECHNIQUES FOR TRANSMITTING AND RECEIVING TRAFFIC OVER ADVANCED SWITCHING COMPATIBLE SWITCH FABRICS	12/28/2005	94147137		3/11/2010	1321931 TW
NMXI-0984.00/TW	Utility - ORG	Issued	RESONANT TUNNELING TRANSISTOR USING CONVENTIONAL MOSFET PROCESSING	10/28/2005	094137898		12/1/2010	1334224 TW
NMXI-1028.00/TW	Utility - ORG	Pending	METHOD AND APPARATUS FOR EFFICIENT AND ARTIFACTS FREE DISPLAYING OF ROTATING IMAGES	12/12/2006	95146490			
NMXI-1034.00/TW	Utility - ORG	Pending	LOW DELAY AND SMALL MEMORY FOOTPRINT PICTURE BUFFERING	12/1/2006	95144673			
NMXI-0037.00/PC	Utility - ORG	Expired	ANNEAL TO DECREASE MOISTURE ABSORBANCE OF INTERMETAL DIELECTRICS	5/18/1992	PCT/US92/04145			
NMXI-0203.00/PC	Utility - ORG	Completed	PORTABLE DISK DRIVE CARRIER AND CHASSIS	11/28/1995	PCT/US95/15443			
NMXI-0222.00/PC	Utility - ORG	Completed	PACKAGE HOUSING MULTIPLE SEMICONDUCTOR DIES	3/12/1996	PCT/US96/03331			
NMXI-0239.00/PC	Utility - ORG	Completed	MULTI-LAYERED CONTACTING FOR SECURING INTEGRATED CIRCUITS	12/12/1996	PCT/US96/19808			
NMXI-0251.00/PC	Utility - ORG	Completed	METHOD AND APPARATUS FOR DOCKING AND UNDOCKING A NOTEBOOK COMPUTER	9/29/1997	PCT/US97/17491			
NMXI-0256.00/PC	Utility - ORG	Abandoned	METHOD AND APPARATUS FOR FAST SELF DESTRUCTION OF A CMOS INTEGRATED CIRCUIT	12/27/1996	PCT/US96/20808			
NMXI-0276.00/PC	Utility - ORG	Expired	METHOD FOR IMPROVED DATA RETENTION IN A NONVOLATILE WRITABLE MEMORY BY SENSING AND REPROGRAMMING CELL VOLTAGE LEVELS	10/10/1997	PCT/US97/18694			
NMXI-0291.00/PC	Utility - ORG	Expired	INTEGRATED CIRCUIT PACKAGE	7/9/1997	PCT/US97/11890			
NMXI-0308.00/PC	Utility - ORG	Expired	FIDUCIAL FOR ALIGNING AN INTEGRATED CIRCUIT DIE	12/11/1997	PCT/US97/22690			
NMXI-0323.00/PC	Utility - ORG	Expired	PERIPHERAL DEVICE PREVENTING POST-SCAN MODIFICATION	3/12/1998	PCT/US98/05010			
NMXI-0325.00/PC	Utility - ORG	Expired	MULTI-LAYER CODER/DECODER	9/21/1998	PCT/US98/19536			
NMXI-0330.01/PC	Utility - ORG	Expired	CIRCUIT AND METHOD FOR CONTROLLING POWER AND PERFORMANCE BASED ON OPERATING ENVIRONMENT	4/17/1998	PCT/US98/07759			
NMXI-0370.00/PC	Utility - ORG	Expired	POSITION SENSITIVE DISPLAY CONTROLLER	4/13/1999	PCT/US99/08034			
NMXI-0376.00/PC	Utility - ORG	Expired	METHOD AND APPARATUS FOR INCREASING VIDEO FRAME RATE	3/12/1999	PCT/US99/05436			
NMXI-0411.00/PC	Utility - ORG	Expired	METHOD AND APPARATUS FOR WRITING UOPS INTO A BUFFER QUEUE INCLUDING OVERWRITING ENTRIES THAT ARE INDICATED TO CONTAIN INVALID UOPS	3/13/2001	PCT/US01/08104			
NMXI-0414.00/PC	Utility - ORG	Completed	IMPROVED FLUORINE DOPED SiO2 FILM AND METHOD OF FABRICATION	10/11/2000	PCT/US00/28164			

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App. No.	Matter	Priority	IPC Class.	Pub. No.	Pub. Date	Pub. No.	Pub. Date	IPC Class.	Country
NMXXI-0420.00/PC	Utility - ORG	Expired		CONTROLLED COLLAPSE CHIP CONNECTION (C4) INTEGRATED CIRCUIT PACKAGE WHICH HAS TWO DISSIMILAR UNDERFILL MATERIALS	2/8/2000	PCT/US00/03242			WO
NMXXI-0452.00/PC	Utility - ORG	Expired		ANTENNA INTERFACE	5/18/2000	PCT/US00/13606			WO
NMXXI-0473.00/PC	Utility - ORG	Completed		EMULATING NARROW BAND PHASE-LOCKED LOOP BEHAVIOR ON A WIDE BAND PHASE-LOCKED LOOP	3/4/1998	PCT/US98/04175			WO
NMXXI-0474.00/PC	Utility - ORG	Expired		SINGLE-CHIP CMOS DIRECT-CONVERSION TRANSCIVER	9/10/1999	PCT/US99/20792			WO
NMXXI-0485.00/PC	Utility - ORG	Expired		VITERBI ACS UNIT WITH RENORMALIZATION	7/15/1994	PCT/US94/07957			WO
NMXXI-0486.00/PC	Utility - ORG	Expired		CARRIER FREQUENCY ESTIMATOR FOR A SIGNAL RECEIVER	5/26/1999	PCT/US99/10464			WO
NMXXI-0490.00/PC	Utility - ORG	Expired		COMPUTER METHOD AND APPARATUS FOR A TABLE DRIVEN FILE INTERFACE	1/27/1993	PCT/US93/00732			WO
NMXXI-0496.00/PC	Utility - ORG	Completed		METHOD AND APPARATUS FOR GRAPHICAL DEVICE MANAGEMENT USING A VIRTUAL CONSOLE	6/15/2001	PCT/US01/19280			WO
NMXXI-0497.00/PC	Utility - ORG	Expired		REMOTELY MANAGING AND CONTROLLING A CONSUMER APPLIANCE	5/17/2001	PCT/US01/16135			WO
NMXXI-0502.00/PC	Utility - ORG	Expired		MICROELECTRONIC PACKAGE HAVING AN INTEGRATED HEAT SINK AND BUILD-UP LAYERS	11/9/2001	PCT/US01/49898			WO
NMXXI-0504.00/PC	Utility - ORG	Completed		LINK-LOCK DEVICE AND METHOD OF MONITORING AND CONTROLLING A LINK FOR FAILURES AND INTRUSIONS	11/20/2001	PCT/US01/43615			WO
NMXXI-0516.00/PC	Utility - ORG	Completed		CALL PROCESSING SYSTEM WITH RESOURCES ON MULTIPLE PLATFORM	1/24/2001	PCT/US01/02323			WO
NMXXI-0548.00/PC	Utility - ORG	Expired		METHOD, APPARATUS, AND SYSTEM TO ENHANCE NEGATIVE VOLTAGE SWITCHING	3/21/2002	PCT/US02/08751			WO
NMXXI-0550.00/PC	Utility - ORG	Completed		SYSTEM AND METHOD FOR AUTOMATIC PBX DETECTION	1/20/1999	PCT/US99/01202			WO
NMXXI-0583.00/PC	Utility - ORG	Expired		SYSTEM AND METHOD FOR PROVIDING AUTHENTICATION AND VERIFICATION SERVICES IN AN ENHANCED MEDIA GATEWAY	11/20/2001	PCT/US01/44675			WO
NMXXI-0587.00/PC	Utility - ORG	Expired		SYSTEMS AND METHODS FOR IMPLEMENTING WITH GUARANTEED QoS	6/25/1999	PCT/US99/14500			WO
NMXXI-0590.00/PC	Utility - ORG	Expired		CBR/VBR TRAFFIC SCHEDULER	6/25/1999	PCT/US99/14268			WO
NMXXI-0599.00/PC	Utility - ORG	Completed		ENHANCED MEDIA GATEWAY CONTROL PROTOCOL	12/21/2001	PCT/US01/49779			WO
NMXXI-0626.00/PC	Utility - ORG	Completed		VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE	11/28/2001	PCT/US01/44721			WO
NMXXI-0637.00/PC	Utility - ORG	Completed		MATERIAL DEPOSITION FROM A LIQUEFIED GAS SOLUTION	12/30/2002	PCT/US02/41705			WO
NMXXI-0645.00/PC	Utility - ORG	Expired		DIGITAL LEAKAGE COMPENSATION CIRCUIT	2/7/2002	PCT/US02/03633			WO
NMXXI-0652.00/PC	Utility - ORG	Expired		APPARATUS HAVING A FIRST CIRCUIT SUPPLYING A POWER POTENTIAL TO A SECOND CIRCUIT UNDER A FIRST OPERATING MODE OTHERWISE DECOUPLING THE POWER POTENTIAL	4/5/2002	PCT/US02/10816			WO
NMXXI-0659.00/PC	Utility - ORG	Expired		ENABLING MANUAL ADJUSTMENT OF POINTING DEVICE CURSOR SPEED	1/25/2002	PCT/US02/02110			WO
NMXXI-0683.00/PC	Utility - ORG	Completed		BEST-OF-M PULSE POSITION MODULATION DETECTOR	5/13/1996	PCT/US96/06811			WO
NMXXI-0686.00/PC	Utility - ORG	Abandoned		COMMUNICATION CENTER FOR A USER OF A CENTRAL COMMUNICATION CENTER	3/13/1998	PCT/US98/04864			WO
NMXXI-0694.00/PC	Utility - ORG	Completed		VARIABLE LEVEL MEMORY	8/6/2002	PCT/US02/25092			WO
NMXXI-0710.00/PC	Utility - ORG	Completed		ELECTRONIC ASSEMBLY WITH FILLED NO-FLOW UNDERFILL METHODS OF MANUFACTURE	10/28/2002	PCT/US02/34516			WO
NMXXI-0712.00/PC	Utility - ORG	Abandoned		WALLET FOR PERSONAL INFORMATION DEVICE	11/11/1999	PCT/US99/26626			WO

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WIPO Data No.	Matter Type	Matter Status	Title	Filed Date	Serial No.	Issue Date	Patent No.	Country
NMXXI-0712.00/PC	Utility - ORG	Expired	PERSONAL INFORMATION DEVICE AND METHOD FOR DOWNLOADING REPROGRAMMING DATA FROM A COMPUTER TO THE PERSONAL INFORMATION DEVICE VIA THE PCMCIA PORT OR THROUGH A DOCKING STATION WITH BAUD RATE CONVERSION MEANS	11/16/1999	PCT/US99/27132			WO
NMXXI-0719.00/PC	Utility - ORG	Expired	DIGITAL FRAME DETERMINATION AND APPARATUS	12/27/2002	PCT/US02/41548			WO
NMXXI-0721.00/PC	Utility - ORG	Expired	PROBABILISTIC NETWORKS FOR DETECTING SIGNAL CONTENT	9/5/2002	PCT/US02/28358			WO
NMXXI-0734.00/PC	Utility - ORG	Expired	INTEGRATED OPTOELECTRICAL CIRCUIT PACKAGE WITH OPTICAL WAVEGUIDE INTERCONNECTS	2/13/2003	PCT/US03/04584			WO
NMXXI-0741.00/PC	Utility - ORG	Completed	SYSTEM AND METHOD TO DETECT ERRORS AND PREDICT POTENTIAL FAILURES	6/30/2005	PCT/US05/23733			WO
NMXXI-0752.00/PC	Utility - ORG	Expired	METHOD FOR MEDIA CONTENT PRESENTATION IN CONSIDERATION OF SYSTEM POWER	4/10/2003	PCT/US03/11345			WO
NMXXI-0778.00/PC	Utility - ORG	Completed	INVERSE MULTIPLEXING OF MANAGED TRAFFIC FLOWS OVER A MULTISTAR NETWORK	2/5/2003	PCT/US03/03691			WO
NMXXI-0781.00/PC	Utility - ORG	Expired	ELECTROSTATIC DISCHARGE PROTECTION CIRCUIT HAVING A RING OSCILLATOR TIMER CIRCUIT	3/28/2003	PCT/US03/09535			WO
NMXXI-0786.00/PC	Utility - ORG	Completed	ESTABLISHING AN AD HOC NETWORK	4/24/2003	PCT/US03/12902			WO
NMXXI-0814.00/PC	Utility - ORG	Expired	ADAPTIVE EQUALIZATION USING A CONDITIONAL UPDATE SIGN-SIGN LEAST MEAN SQUARE ALGORITHM	9/8/2004	PCT/US04/29175			WO
NMXXI-0839.00/PC	Utility - ORG	Expired	PROVINCATION NETWORK	12/22/2003	PCT/US03/39108			WO
NMXXI-0854.00/PC	Utility - ORG	Expired	APPARATUS AND METHOD TO PROVIDE MULTITHREADED COMPUTER PROCESSING	4/16/2004	PCT/US2004/012020			WO
NMXXI-0860.00/PC	Utility - ORG	Completed	THERMALLY ENHANCED ELECTRONIC FLIP-CHIP PACKAGING WITH EXTERNAL-CONNECTOR-SIDE DIE AND METHOD	2/9/2004	PCT/US04/03817			WO
NMXXI-0887.00/PC	Utility - ORG	Expired	TECHNIQUES TO PERFORM LINE QUALIFICATION	5/26/2004	PCT/US2004/016583			WO
NMXXI-0891.00/PC	Utility - ORG	Expired	STROBE THROUGH DIFFERENTIAL SIGNALING	4/14/2004	PCT/US2004/011645			WO
NMXXI-0903.00/PC	Utility - ORG	Expired	TECHNIQUES TO TEST SIGNAL PROPAGATION MEDIA	5/26/2004	PCT/US2004/016587			WO
NMXXI-0944.00/PC	Utility - ORG	Abandoned	METHODS AND APPARATUS FOR PROVIDING STACKED-DIE DEVICES	7/29/2005	PCT/US2005/027103			WO
NMXXI-0960.00/PC	Utility - ORG	Expired	CASCADED CONNECTION MATRICES IN A DISTRIBUTED CROSS-CONNECTION SYSTEM	12/15/2005	PCT/US05/46571			WO
NMXXI-0962.00/PC	Utility - ORG	Pending	REMOTE STATUS FORWARDING IN A DISTRIBUTED CROSS-CONNECTION SYSTEM	12/15/2005	PCT/US05/45850			WO
NMXXI-0978.00/PC	Utility - ORG	Abandoned	TECHNIQUES FOR TRANSMITTING AND RECEIVING TRAFFIC OVER ADVANCED SWITCHING COMPATIBLE SWITCH FABRICS	12/28/2005	PCT/US2005/047581			WO
NMXXI-0980.00/PC	Utility - ORG	Abandoned	AIRFLOW CONTROL SYSTEM	11/17/2005	PCT/US05/42254			WO
NMXXI-0984.00/PC	Utility - ORG	Expired	RESONANT TUNNELING DEVICE USING METAL OXIDE SEMICONDUCTOR PROCESSING	10/27/2005	PCT/US2005/039310			WO
NMXXI-1001.00/PC	Utility - ORG	Abandoned	ADVANCED TCA CHASSIS WITH A MOVABLE FAN TRAY	1/17/2006	PCT/US06/01918			WO
NMXXI-1028.00/PC	Utility - ORG	Pending	METHOD AND APPARATUS FOR EFFICIENT AND ARTIFACTS FREE DISPLAYING OF ROTATING IMAGES	12/6/2006	PCT/US2006/046778			WO
NMXXI-1034.00/PC	Utility - ORG	Pending	LOW DELAY AND SMALL MEMORY FOOTPRINT PICTURE BUFFERING	11/30/2006	PCT/US2006/046260			WO
NMXXI-1038.00/PC	Utility - ORG	Pending	ARCHITECTURE FOR VIRTUAL SECURITY MODULE	9/26/2007	PCT/US2007/020797			WO
NMXXI-0203.00/ZA	Utility - NSPCT	Abandoned	UNIVERSAL CARRIER FOR HOT SWAPPABLE DRIVER	11/29/1995	95/10128	8/28/1996	95/10128	ZA

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