Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Advanced Micro Devices, Inc.	01/31/2007

RECEIVING PARTY DATA

Name:	Spansion Inc.
Street Address:	915 DeGuigne Drive, P.O. Box 3453
Internal Address:	Mail Stop 250
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94088-3453

PROPERTY NUMBERS Total: 29

Property Type	Number
Patent Number:	7026702
Patent Number:	4654830
Patent Number:	6891752
Patent Number:	6771093
Patent Number:	6973003
Patent Number:	6980473
Patent Number:	6970368
Patent Number:	6970806
Patent Number:	5630099
Patent Number:	5376573
Patent Number:	5384272
Patent Number:	5801076
Patent Number:	5805013
Patent Number:	5581502
	DATENT

PATENT REEL: 019047 FRAME: 0736

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5546340
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6823435
5999476
5717632
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5883841
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6048766
6417539
6480929
6225646
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CORRESPONDENCE DATA

Fax Number: (408)616-3762

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 408-616-3722

Email: sally.nieto@spansion.com

Correspondent Name: Raymond E. Fritz

Address Line 1: 915 DeGuigne Drive, P.O. Box 3453

Address Line 2: Mail Stop 250

Address Line 4: Sunnyvale, CALIFORNIA 94088-3453

NAME OF SUBMITTER: Raymond E. Fritz

Total Attachments: 4

source=AMD to Spansion P28#page1.tif source=AMD to Spansion P28#page2.tif source=AMD to Spansion P28#page3.tif source=AMD to Spansion P28#page4.tif

> PATENT REEL: 019047 FRAME: 0737

ASSIGNMENT AGREEMENT

This Assignment Agreement by and between **ADVANCED MICRO DEVICES, INC.**, a corporation of Delaware having a place of business at One AMD Place, P. O. Box 3453, Sunnyvale, California 94088-3453, U.S.A., its affiliates and subsidiaries, (hereinafter referred to as "ASSIGNOR") and **SPANSION, INC.**, a corporation of Delaware, having a place of business at 915 DeGuigne Drive, P. O. Box 3453, Sunnyvale, California, 94088-3453, U.S.A. (hereinafter "ASSIGNEE") is effective on the 21st day of December, 2005.

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, and pursuant to paragraph 2.2 (Patent Rights) of the Amended and Restated Intellectual Property Contribution and Ancillary Matters Agreement executed between the ASSIGNOR and the ASSIGNEE on December 21, 2005, ASSIGNOR hereby assigns, transfers and conveys all of their right, title and interest in the United States and throughout the world in and to all invention disclosures, United States patent applications, United States patents, foreign patents, and foreign patent applications (including any Patent Cooperation Treaty (PCT) applications) identified on Schedule A as initialed on page 1 thereof by the undersigned and attached hereto and made a part hereof, and the entire right, title and interest in the United States and throughout the world in and to the inventions to which said invention disclosures, patents and patent applications pertain, in and to all worldwide rights of priority, and in and to any corresponding United States and foreign patents, extensions and renewals of patents, results of reexamination, substitutions, reissues, patent applications, divisionals, continuations, continuations-in-part, utility models, petty patents, patents of importation, invention registrations, and inventor's certificates, together with all the rights and privileges granted and secured by said patents, extensions and renewals of patents, results of reexamination, substitutions, reissues, patent applications, divisionals, continuations, continuations-in-part, utility models, petty patents, patents of importation, invention registrations and inventor's certificates, including without limitation all claims, demands, rights and causes of action that ASSIGNOR may have against others on account of any past, present and future infringement of any of said patents, patent applications, utility models, petty patents, patents of importation, invention registrations, and inventor's certificates with the right in ASSIGNEE to sue for and obtain all relief to which ASSIGNOR may have been entitled by reason of any such infringement. ASSIGNOR further agrees that ASSIGNEE may apply for and receive Letters Patent, utility models, petty patents, patents of importation, invention registrations, and inventor's certificates for said inventions in its own name.

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Said entire right, title, and interest is to be held and enjoyed by ASSIGNEE for its own use and benefit and for the use and benefit of its successors and assigns, to the full end of the term for which said patents, registrations or certificates may be granted, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR's assignment, transference and conveyance of all of its right, title and interest in the United States and throughout the world hereunder is made subject to any rights, licenses or immunities relating to such rights, titles and interests that have been granted to any Persons (as that term is defined in the Amended and Restated Intellectual Property Contribution and Ancillary Matters Agreement (hereinafter "IPCAAMA") executed by one or more of the parties hereto (i.e., either or both of the ASSIGNOR or the ASSIGNEE) on December 21st, 2005) prior to or on December 21st, 2005.

IN WITNESS WHEREOF, the ASSIGNOR and ASSIGNEE have caused this Assignment Agreement to be executed by their respective duly authorized representatives as of December 21, 2005.

ASSIGNOR ADVANCED MICRO DEVICES, INC.

	II A I	
Ву:	14MV	Date: 12-8-06

Name: Harry A. Wolin

Title: Senior Vice President and Assistant General Counsel

State of **TEXAS**) County of **TRAVIS**)

On December <u>\$\figgref{8}\$</u>, 2006, before me, <u>Cheryl L. Heinsohn</u>, a Notary Public, personally appeared <u>Harry A. Wolin</u>, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

Chen L. Heinsohn
Public, State of Texas

SIGNATURE OF NOTARY

CHERYL L. HEINSOHN
Notary Public, State of Texas
My Commission Expires
August 29, 2008

Page 2 of 3

ASSIGNEE SPANSION, INC.

Namo: Powert C Molandras

Date: January 31, 2007

Name: Robert C. Melendres

Title: Executive Vice President, Corporate Development, General Counsel and Corporate Secretary

State of CALIFORNIA)
County of SANTA CLARA)

On <u>Nover 31,2007</u>, before me, <u>Marta Villarreal</u> a Notary Public, personally appeared <u>Robert C Mulentes</u>, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

MARTA VILLARREAL
Commission # 1612288
Notary Public - California &
Santa Clara County
My Comm. Expires Oct 9, 2009

Mark Illanes SIGNATURE OF NOTARY

> PATENT REEL: 019047 FRAME: 0740

RECORDED: 03/22/2007

10/776,850 2/11/2004 4/11/2006 A2S 7,026,702 675,379 11/27/1984 3/31/1987 A2S 4,654,830 10/210,378 7/31/2002 5/10/2005 A2S 6,891,752 10/254,381 9/25/2002 8/3/2004 A2S 6,973,003 10/650,049 10/1/2003 12/6/2005 A2S 6,973,003 10/650,049 11/7/2003 11/29/2005 A2S 6,973,003 10/650,049 11/7/2003 11/29/2005 A2S 6,970,368 10/650,049 11/7/2003 11/29/2005 A2S 6,970,368 10/650,049 11/7/2003 11/29/2005 A2S 6,970,368 10/703,860 11/7/1997 11/24/1995 A2S 5,800,075 108/166,124 12/10/1993 12/27/1996 A2S 5,801,076 108/266,744 6/81/1994 11/24/1995 A2S 5,801,076 108/326,23 3/12/1995 11/24/1996 A2S 5,806,017 108/487,262 6/13/1995 11/24/1996 A2S 5,806,01 108/487,263 6/13/1995 11/24/1996 A2S 5,806,03 108/487,263 6/13	Docket No.	Country Status	Status	Application	File Date	Grant Date Owner	Patent No. Title
USA Granted 675,379 11/27/1984 3/3/11/987 A2S 4,654,830 004 USA Granted 10/254,381 7/3/12002 5/10/2005 A2S 6.891,752 004 USA Granted 10/524,381 9/25/2002 5/10/2005 A2S 6.891,752 065 USA Granted 10/677,031 10/1/2003 12/6/2005 A2S 6.970,036 072 USA Granted 10/650,049 8/26/2003 11/29/2005 A2S 6.970,386 074 USA Granted 10/7603 11/17/2003 11/29/2005 A2S 6.970,386 347 USA Granted 10/7603 11/17/2003 11/29/2005 A2S 6.970,386 497 USA Granted 08/766,144 12/10/1993 12/27/1994 A2S 5.805,013 497 USA Granted 08/266,744 6/8/1994 12/27/1994 A2S 5.805,013 594 USA Granted 08/266,744 6/8/1994 4/27/1996 A2S 5.805,013 595 USA Granted		NSA	Granted	10/776,850			7.026.702 MEMORY DEVICE
002 USA Granted 10/210,378 7/31/2002 5/10/2005 A2S 6,891,752 004 USA Granted 10/24,381 9/28/2002 8/37004 A2S 6,891,752 005 USA Granted 10/677,031 10/1/2003 12/27/2005 A2S 6,900,473 007 USA Granted 10/650,049 8/26/2003 11/29/2005 A2S 6,900,473 007 USA Granted 08/166,124 12/10/1993 17/27/2005 A2S 6,900,493 007 USA Granted 08/266,744 12/10/1993 12/27/1994 A2S 5,630,099 007 USA Granted 08/266,744 68/11/999 12/27/1994 A2S 5,630,099 008 USA Granted 08/266,744 68/11/999 12/27/1998 A2S 5,801,076 009 USA Granted 08/671,262 6/33/1995 12/21/1995 A2S 5,801,076 009 USA Granted 08/671,262 6/33/1995 12/21/1995 A2S 5,801,076 009 USA Granted 08/671,262 6/33/1996 A2S 5,801,076 009 USA Granted 08/671,262 6/33/1996 A2S 5,801,076 009 USA Granted 08/671,263 6/32/1999 A2S 5,801,076 009 USA Granted 08/77,987 11/27/1995 6/30/1999 A2S 5,801,076 009 USA Granted 08/77,987 11/27/1995 6/30/1999 A2S 5,801,076 009 USA Granted 08/376,303 11/27/1995 6/30/1999 A2S 5,801,076 009 USA Granted 08/376,303 11/27/1995 A2S 5,801,096 009 USA Granted 08/376,303 11/27/1999 A2S 5,803,304 009 USA Granted 08/376,304 11/27/1999 A2S 5,803,304 009 USA Granted 08/376,303 11/27/1999 A2S 5,803,304 009 USA Granted 08/376,303 11/27/1999 A2S 5,803,304 009 USA Granted 08/378,864 84/1/3998 17/2/2000 A2S 6,480,929 007 USA Granted 09/172,410 10/14/1998 11/12/2000 A2S 6,480,929 009 USA Granted 09/172,410 10/14/1998 11/12/200 A2S 6,480,929 009 USA Granted 09/172,410 10/14/1998 11/12/200 A2S 6,480,929 009 USA Granted 09/172,410 10/14/1998 11/12/200 A2S 6,480,929 009 USA Gr	/84- 003	NSA	Granted	675,379	11/27/1984	3/31/1987 A2S	4 654 830 MTHOD ANS STRICTURE FOR DISABILING AND
004 USA Granted 10/254,381 9/25/2002 8/3/2004 A2S 6/77,073 065 USA Granted 10/677,073 10/1/2003 12/6/2005 A2S 6/973,003 065 USA Granted 10/677,037 10/1/2003 11/29/2005 A2S 6/970,308 072 USA Granted 10/60,049 3/26/2003 11/29/2005 A2S 6/970,308 313 USA Granted 08/166,124 12/10/1993 5/13/1997 A2S 6/970,308 381 USA Granted 08/166,124 12/10/1993 12/27/1994 A2S 5/30,099 497 USA Granted 08/166,124 12/10/1993 12/27/1994 A2S 5/30,003 381 USA Granted 08/166,124 12/10/1993 12/27/1994 A2S 5/30,003 497 USA Granted 08/143,178 12/1/1997 9/1/1998 A2S 5/30,003 507 USA Granted 08/147,995 11/22/1996 4/20/1998 A2S 5/346,340 508 USA		NSA	Granted	10/210,378	7/31/2002		U
065 USA Granted 10/677,073 10/1/2003 12/6/2005 A2S 6,973,003 072 USA Granted 10/677,031 10/1/2003 11/29/2005 A2S 6,970,368 074 USA Granted 10/65,145 12/10/1993 11/29/2005 A2S 6,970,368 313 USA Granted 08/165,145 12/10/1993 12/27/1994 A2S 5,376,573 381 USA Granted 08/165,445 12/10/1993 12/27/1994 A2S 5,376,573 381 USA Granted 08/165,445 12/10/1993 12/27/1996 A2S 5,376,573 384 USA Granted 08/13,635 3/12/1997 9/8/1998 A2S 5,546,340 395 USA Granted 08/143,625 6/13/1995 9/8/1998 A2S 5,546,340 386 USA Granted 08/143,625 6/13/1995 9/22/1996 A2S 5,546,340 386 USA Granted 08/143,625 6/13/1995 4/20/1998 A2S 5,546,340 386 USA <td></td> <td>NSA</td> <td>Granted</td> <td>10/254,381</td> <td>9/25/2002</td> <td></td> <td>6.771.093 IMPLEMENTING REFERENCE CURRENT</td>		NSA	Granted	10/254,381	9/25/2002		6.771.093 IMPLEMENTING REFERENCE CURRENT
065 USA Granted 10/677,031 10/1/2003 12/27/2005 A2S 6,970,368 072 USA Granted 10/650,049 8/26/2003 11/29/2005 A2S 6,970,368 074 USA Granted 10/703,860 11/71/2003 11/29/2005 A2S 6,970,368 347 USA Granted 08/166,124 12/10/1993 2/27/1994 A2S 5,600,009 387 USA Granted 08/266,744 6/81/1994 12/21/1995 A2S 5,801,076 497 USA Granted 08/393,138 2/21/1995 9/1/1998 A2S 5,805,013 394 USA Granted 08/487,252 6/13/1995 9/20/1999 A2S 5,805,013 395 USA Granted 08/487,254 6/13/1995 9/20/1999 A2S 5,813,326 396 USA Granted 08/375,987 11/27/1996 4/20/1999 A2S 5,896,345 393 USA Granted 08/375,987 11/27/1996 2/10/1999 A2S 5,899,376 314 USA </td <td></td> <td>NSA</td> <td>Granted</td> <td>10/677,073</td> <td>10/1/2003</td> <td></td> <td>6.973.003 MEMORY DEVICE AND METHOD</td>		NSA	Granted	10/677,073	10/1/2003		6.973.003 MEMORY DEVICE AND METHOD
072 USA Granted 10/650,049 8/26/2003 11/29/2005 A2S 6/970,368 074 USA Granted 10/703,860 11/7/2003 11/29/2005 A2S 6/970,806 313 USA Granted 08/166,124 12/10/1993 12/27/1995 A2S 5,600,099 347 USA Granted 08/165,445 12/10/1993 12/27/1995 A2S 5,601,076 497 USA Granted 08/815,835 3/12/1997 9/81/998 A2S 5,805,032 507 USA Granted 08/432,623 5/2/1995 9/1/1999 A2S 5,805,032 508 USA Granted 08/437,252 6/13/1995 8/13/1996 A2S 5,805,032 507 USA Granted 08/437,252 6/13/1995 8/13/1996 A2S 5,806,334 508 USA Granted 08/578,178 12/29/1995 8/13/1996 A2S 5,806,334 508 USA Granted 08/976,303 11/27/1996 4/20/1998 A2S 5,806,334 514 USA <td></td> <td>NSA</td> <td>Granted</td> <td>10/677,031</td> <td>10/1/2003</td> <td></td> <td>6.980,473 MEMORY DEVICE AND METHOD</td>		NSA	Granted	10/677,031	10/1/2003		6.980,473 MEMORY DEVICE AND METHOD
074 USA Granted 10/703,860 11/71/2003 11/29/2005 A2S 6,970,806 313 USA Granted 08/166,124 12/10/1993 5/13/1997 A2S 5,630,099 347 USA Granted 08/166,744 6/8/1994 1/24/1995 A2S 5,330,099 42S 6,300,099 USA Granted 08/815,835 3/12/1995 9/8/1998 A2S 5,846,745 6/13/1995 A2S 5,846,740 USA Granted 08/815,125 6/13/1995 8/13/1996 A2S 5,846,340 307 USA Granted 08/87,252 6/13/1995 8/13/1996 A2S 5,546,340 308 USA Granted 08/87,125 6/13/1995 9/22/1998 A2S 5,546,340 308 USA Granted 08/875,303 11/27/1996 4/20/1999 A2S 5,846,340 303 USA Granted 08/975,303 11/27/1996 2/10/1999 A2S 5,846,340 303 USA Granted 08/975,303 11/27/1996 2/10/1999 A2S 5,886,333 307 USA Granted 08/975,303 11/27/1996 2/10/1999 A2S 5,888,370 USA Granted 08/975,304 11/22/1090 A2S 5,888,370 USA Granted 08/975,304 11/22/1999 A2S 5,888,370 USA Granted 08/975,304 11/12/2000 A2S 6,407,539 6,480,929 USA Granted 08/975,304 11/12/2000 A2S 6,407,539 6,480,929 USA Granted 08/978,470 10/14/1998 A2S 5/16/1999 A2S 5/10/1999 A2S 5/10/1999 A2S 5/10/1999 A2S 6/10/878,404 8/14/1998 A2S 5/10/1999 A2S 5/10/88,507 A2S 6/10/878,507 A2S 6/10/999 A2S 6/10/9999 A2S 6/10/999 A2S 6/10/999 A2S 6/10/9999 A2S 6/10/9999 A2S 6/10/9999 A2S 6/10/9999 A2S 6/10/9999		NSA	Granted	10/650,049	8/26/2003		6,970,368 CAM (CONTENT ADDRESSABLE MFMORY) CFLLS AS
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347 USA Granted 08/165,445 12/10/1993 12/27/1994 425 5,376,573 381 USA Granted 08/266,744 6/8/1994 1/24/1995 5,384,272 497 USA Granted 08/33,138 2/21/1995 9/11/1998 A2S 5,801,076 507 USA Granted 08/432,623 3/12/1997 9/8/1998 A2S 5,681,304 507 USA Granted 08/487,252 6/13/1996 A2S 5,581,304 366 USA Granted 08/487,252 6/13/1996 A2S 5,581,334 367 USA Granted 08/74,971 11/27/1996 6/30/1998 A2S 5,996,393 386 USA Granted 08/976,303 11/21/1997 11/12/1999 A2S 5,999,476 514 USA Granted 08/976,303 11/21/1997 11/11/2000 A2S 5,999,476 514 USA Granted 08/978,304 10/22/1997 3/16/1999 A		NSA	Granted	08/166,124	12/10/1993		5,630,099 NON-VOLATILE MEMORY ARRAY CONTROLLER
381 USA Granted 08/266,744 6/8/1994 1/24/1995 A2S 5,384,772 497 USA Granted 08/393,138 2/21/1995 9/1/1998 A2S 5,801,076 497 USA Granted 08/815,835 3/12/1997 9/8/1998 A2S 5,801,076 507 USA Granted 08/487,252 6/13/1996 A2S 5,546,340 366 USA Granted 08/578,178 12/29/1996 A2S 5,546,340 367 USA Granted 08/978,331 11/27/1996 A2S 5,546,340 383 USA Granted 08/978,331 11/27/1996 4/20/1999 A2S 5,717,332 394 USA Granted 08/976,303 11/27/1996 4/20/1999 A2S 5,746,395 395 USA Granted 08/976,303 11/27/1997 12/1/1999 A2S 5,747,395 396 USA Granted 08/938,292 9/26/1997 3/16/1999 A2S		NSA	Granted	08/165,445	12/10/1993		
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497 USA Granted 08/815,835 3/12/1997 9/8/1998 A2S 5,805,013 507 USA Granted 08/432,623 5/2/1995 12/3/1996 A2S 5,581,502 594 USA Granted 08/487,252 6/13/1995 8/13/1996 A2S 5,546,340 594 USA Granted 08/651,261 5/23/1996 4/20/1999 A2S 5,896,393 366 USA Granted 08/578,178 12/29/1995 9/22/1998 A2S 5,811,334 378 USA Granted 08/757,987 11/27/1996 6/30/1998 A2S 5,813,435 395 USA Granted 08/757,988 11/27/1999 A2S 5,717,632 396 USA Granted 08/976,303 11/21/1997 12/7/1999 A2S 5,883,826 397 USA Granted 08/938,292 9/26/1997 3/16/1999 A2S 5,883,826 397 USA Granted 08/938,592 9/26/1997 3/16/1999 A2S 5,883,826		NSA	Granted	08/393,138	2/21/1995		5,801,076 METHOD OF MAKING NON-VOI ATII F MEMORY
307 USA Granted 08/432,623 5/2/1995 12/3/1996 42.8 5,581,502 394 USA Granted 08/487,252 6/13/1995 8/13/1996 4/20/1999 42.8 5,546,340 366 USA Granted 08/578,178 12/29/1995 9/22/1998 4/20/1999 4/20/1999 4/20/1999 5,881,334 366 USA Granted 08/757,987 11/27/1996 6/30/1998 4/20/1999 4/20/1999 5,811,334 328 USA Granted 08/757,987 11/27/1999 4/20/1999 4/20/1999 4/20/1999 5,774,395 396 USA Granted 08/757,988 11/27/1999 11/27/1999 4/20/1999 4/20/1999 5,774,395 397 USA Granted 08/938,292 9/26/1997 3/16/1999 4/2 5,883,826 5,989,476 307 USA Granted 08/938,292 9/26/1997 3/16/1999 4/2 5,883,826 5,717,632 307 USA Granted		NSA	Granted	08/815,835	3/12/1997		5,805,013 A NON-VOLATILE MEMORY DEVICES HAVING A
594 USA Granted 08/487,252 6/13/1995 8/13/1996 A2S 5,546,340 366 USA Granted 08/651,261 5/23/1996 4/20/1999 A2S 5,811,334 367 USA Granted 08/57,987 11/22/1996 6/30/1998 A2S 5,811,334 328 USA Granted 08/974,971 11/20/1997 11/23/2004 A2S 6,823,435 393 USA Granted 08/976,303 11/21/1997 11/23/2004 A2S 6,823,435 394 USA Granted 08/938,048 9/26/1997 3/16/1999 A2S 5,899,476 395 USA Granted 08/938,292 9/26/1997 3/16/1999 A2S 5,883,826 397 USA Granted 08/938,292 9/26/1997 3/16/1999 A2S 5,883,826 398 USA Granted 08/955,794 10/22/1997 3/16/1999 A2S 5,888,870 307 USA Granted 09/128,864 8/4/1998 1/11/2000 A2S 6,417,539 307 USA Granted 09/128,864 8/4/1998 1/11/2002 A2S 6,487,66 360 USA Granted 09/128,864 8/4/1998 1/11/2002 A2S 6,480,929 307 USA Granted 09/128,864 8/4/1998 1/11/2002 A2S 6,480,929 308 Granted 09/188,864 8/4/1998 1/11/2002 A2S 6,480,929 309 USA Granted 09/148,77 11/4/2000 5/11/2001 A2S 6,780,752 1/11/1095 A2S 6,780,752 A2S 6/28/1994 A2S 6/28/1995 A2S 6/28/1994 A2S 6/28/		NSA	Granted	08/432,623	5/2/1995		5,581,502 METHOD FOR READING A NON-VOI ATII F MEMORY
366 USA Granted 08/651,261 5/23/1996 4/20/1999 A2S 5,896,393 367 USA Granted 08/578,178 12/29/1995 9/22/1998 A2S 5,811,334 328 USA Granted 08/757,987 11/27/1996 6/30/1998 A2S 5,811,334 393 USA Granted 08/976,303 11/21/1997 12/71/1999 A2S 5,999,476 314 USA Granted 08/976,303 11/21/1997 12/71/1999 A2S 5,999,476 313 USA Granted 08/938,048 9/26/1997 3/16/1999 A2S 5,883,826 313 USA Granted 08/938,292 9/26/1997 3/16/1999 A2S 5,883,826 313 USA Granted 08/955,794 10/22/1997 3/16/1999 A2S 5,888,870 307 USA Granted 09/128,864 8/4/1998 1/14/2000 A2S 6,487,539 308 USA Granted 09/128		NSA	Granted	08/487,252	6/13/1995		5,546,340 NON-VOLATILE MEMORY ARRAY WITH OVER-FRASE
367 USA Granted 08/578,178 12/29/1995 9/22/1998 A2S 5,811,334 328 USA Granted 08/757,987 11/27/1996 6/30/1998 A2S 5,811,334 393 USA Granted 08/974,971 11/20/1997 11/23/2004 A2S 6,823,435 396 USA Granted 08/976,303 11/21/1997 12/7/1999 A2S 5,999,476 314 USA Granted 08/938,048 9/26/1997 3/16/1999 A2S 5,883,826 397 USA Granted 08/938,292 9/26/1997 3/16/1999 A2S 5,883,841 397 USA Granted 08/938,292 9/26/1997 3/16/1999 A2S 5,883,841 397 USA Granted 08/955,794 10/22/1997 3/16/1999 A2S 5,883,841 397 USA Granted 08/955,794 10/22/1997 3/16/1999 A2S 5,883,841 397 USA Granted 09/184,270 10/11/1998 1/1/2000 A2S 6,048,765 487 USA </td <td></td> <td>NSA</td> <td>Granted</td> <td>08/651,261</td> <td>5/23/1996</td> <td></td> <td>5,896,393 SIMPLIFIED FILE MANAGEMENT SCHEMF FOR FLASH</td>		NSA	Granted	08/651,261	5/23/1996		5,896,393 SIMPLIFIED FILE MANAGEMENT SCHEMF FOR FLASH
328 USA Granted 08/757,987 11/27/1996 6/30/1998 A2S 5,774,395 393 USA Granted 08/974,971 11/20/1997 11/23/2004 A2S 6,823,435 396 USA Granted 08/976,303 11/21/1997 12/7/1999 A2S 5,999,476 314 USA Granted 08/938,048 9/26/1997 3/16/1999 A2S 5,883,826 313 USA Granted 08/938,292 9/26/1997 3/16/1999 A2S 5,883,841 313 USA Granted 08/955,794 10/22/1997 3/16/1999 A2S 5,883,841 315 USA Granted 08/955,794 10/22/1997 3/16/1999 A2S 5,888,870 315 USA Granted 08/172,410 10/14/1998 11/12/2002 A2S 6,048,765 317 USA Granted 09/128,864 8/4/1998 11/12/2002 A2S 6,480,929 3173 USA Granted 09/128,864 8/4/1998 11/12/2002 A2S 6,480,929 3173 USA Granted 09/128,864 8/4/1998 11/12/2002 A2S 6,790,752 31701 USA Inactive 08/50,422 7/11/1995 A2S 312/1988 A2S 312/1989 A1/1/2000 A2S 312/1989 A2S		NSA	Granted	08/578,178	12/29/1995		5,811,334 WAFER CLEANING PROCEDURE USEFUL IN
393 USA Granted 08/974,971 11/20/1997 11/23/2004 A2S 6,823,435 396 USA Granted 08/976,303 11/21/1997 12/7/1999 A2S 5,999,476 314 USA Granted 08/938,048 9/26/1997 3/16/1999 A2S 5,717,632 397 USA Granted 08/955,794 10/22/1997 3/16/1999 A2S 5,883,824 307 USA Granted 08/955,794 10/22/1997 3/16/1999 A2S 5,888,870 307 USA Granted 09/172,410 10/14/1998 11/12/2002 A2S 6,048,766 300 USA Granted 09/128,864 8/4/1998 7/9/2002 A2S 6,480,929 307 USA Granted 09/128,864 8/4/1998 11/12/2002 A2S 6,480,929 3073 USA Granted 09/128,864 8/4/1998 11/12/2002 A2S 6,480,929 3073 USA Granted 09/128,864 8/4/1998 11/12/2002 A2S 6,790,752 31/1701 USA Inactive 08/500,422 7/11/1995 A2S 31/2050 USA Inactive 08/267,726 6/28/1995 A2S 31/2050 USA Inactive 08/267,726 6/28/1994 A2S USA Inactive 08/267,726 6/28/1995 A2S USA Inactive 08/267,726 6/28/1995 A2S USA Inactive 08/451,293 5/26/1995 A2S USA Inactive 08/764,735 12/6/1996 A2S		NSA	Granted	08/757,987	11/27/1996		5,774,395 AN ELECTRICALLY ERASABLE REFERENCE CELL
396 USA Granted 08/976,303 11/21/1997 12/71/1999 A2S 5,999,476 514 USA Granted 08/938,048 9/26/1997 3/16/1999 A2S 5,717,632 997 USA Granted 08/938,292 9/26/1997 3/16/1999 A2S 5,883,826 5135 USA Granted 08/955,794 10/22/1997 3/30/1999 A2S 5,883,841 3/35 USA Granted 09/172,410 10/14/1998 11/12/2000 A2S 6,048,765 6,048,765 6/48,765 6/48,765 6/48,765 6/48,765 6/48,765 6/48,765 6/48,765 6/48,765 6/48,765 6/48,765 6/48,767 USA Granted 09/128,864 8/4/1998 7/9/2002 A2S 6,480,929 6/48,557 11/4/2000 5/11/2000 A2S 6,480,929 6/48,557 11/4/2000 5/11/2000 A2S 6,480,929 6/790,752 USA Granted 09/483,557 11/4/2000 5/11/2000 A2S 6,790,752 6/11/10 USA Inactive 08/500,422 7/11/1995 A2S 6/25/646 6/28/1994 A2S 6/26/1995 A2S Inactive 08/267,726 6/28/1994 A2S USA Inactive 08/267,726 6/28/1994 A2S USA Inactive 08/451,293 5/26/1995 A2S USA Inactive 08/451,293 5/26/1995 A2S		NSA	Granted	08/974,971	11/20/1997	11/23/2004 A2S	6,823,435 A NON-VOLATILE MEMORY SYSTEM HAVING A
14 USA Granted 08/757,988 11/27/1996 2/10/1998 A2S 5,717,632 97 USA Granted 08/938,048 9/26/1997 3/16/1999 A2S 5,883,826 13 USA Granted 08/955,794 10/22/1997 3/30/1999 A2S 5,883,841 135 USA Granted 08/955,794 10/22/1997 3/30/1999 A2S 5,888,870 107 USA Granted 09/128,864 8/4/1998 4/11/2000 A2S 6,048,765 1080 USA Granted 09/128,864 8/4/1998 1/12/2002 A2S 6,480,929 1081 USA Granted 09/184,270 10/31/1998 11/12/2002 A2S 6,480,929 1082 USA Granted 09/184,270 10/31/1998 11/12/2002 A2S 6,225,646 1083 USA Granted 09/483,557 1/14/2000 5/1/2001 A2S 6,790,752 1084 Inactive 08/500,422 7/11/1995 A2S 1085 USA Inactive 08/267,726 6/28/1994 A2S 1084 Inactive 08/267,726 6/28/1994 A2S 1084 Inactive 08/451,293 5/26/1995 A2S 1084 Inactive 08/764,735 12/6/1996 A2S		OSA S	Granted	08/976,303	11/21/1997	12/7/1999 A2S	5,999,476 BIOS MEMORY AND MULTIMEDIA DATA STORAGE
997 USA Granted 08/938,048 9/26/1997 3/16/1999 A2S 5,883,826 113 USA Granted 08/938,292 9/26/1997 3/16/1999 A2S 5,883,826 135 USA Granted 08/955,794 10/22/1997 3/30/1999 A2S 5,883,841 1072 USA Granted 09/128,864 8/4/1998 1/11/2000 A2S 6,048,766 1080 USA Granted 09/184,270 10/31/1998 1/11/2002 A2S 6,417,539 10973 USA Granted 09/184,270 10/31/1998 11/12/2002 A2S 6,480,929 10973 USA Granted 09/184,570 10/31/1998 11/12/2002 A2S 6,790,752 10970 USA Granted 09/483,557 1/14/2000 5/1/2001 A2S 6,790,752 10970 USA Inactive 08/500,422 7/11/1995 A2S 10970 USA Inactive 08/267,726 6/28/1994 A2S 10970 USA Inactive 08/267,726 6/28/1995 A2S		USA	Granted	08/757,988	11/27/1996		5,717,632 APPARATUS AND METHOD FOR MULTIPLE-LEVEL
135 USA Granted 08/938,292 9/26/1997 3/16/1999 A2S 5,883,841 135 USA Granted 08/955,794 10/22/1997 3/30/1999 A2S 5,888,870 130 USA Granted 09/172,410 10/14/1998 4/11/2000 A2S 6,048,766 130 USA Granted 09/184,270 10/31/1998 11/12/2002 A2S 6,417,539 142 USA Granted 09/184,577 10/31/1998 11/12/2002 A2S 6,480,929 173 USA Granted 09/184,577 1/14/2000 5/1/2001 A2S 6,225,646 180 USA Granted 09/483,557 1/14/2000 5/1/2001 A2S 6,790,752 180 USA Inactive 08/500,422 7/11/1995 A2S 180 USA Inactive 08/267,726 6/28/1994 A2S 180 USA Inactive 08/267,726 6/28/1994 A2S 180 USA Inactive 08/267,726 6/28/1995 A2S 180 USA Inactive 08/267,726 6/28/1994 A2S 180 USA Inactive 08/267,735 12/6/1995 A2S		USA	Granted	08/938,048	9/26/1997		5,883,826 MEMORY BLOCK SELECT USING MULTIPLE WORD
135 USA Granted 08/955,794 10/22/1997 3/30/1999 A2S 5,888,870 807 USA Granted 09/172,410 10/14/1998 4/11/2000 A2S 6,048,766 860 USA Granted 09/128,864 8/4/1998 7/9/2002 A2S 6,417,539 6,417,539 192 USA Granted 09/184,270 10/31/1998 11/12/2002 A2S 6,480,929 7/3 USA Granted 09/483,557 1/14/2000 5/1/2001 A2S 6,225,646 6/27 USA Granted 10/358,587 2/5/2003 9/14/2004 A2S 6,790,752 1/17/101 USA Inactive 08/500,422 7/11/1995 A2S 1/2050 USA Inactive 08/267,726 6/28/1994 A2S USA Inactive 08/267,726 6/28/1994 A2S USA Inactive 08/451,293 5/26/1995 A2S USA Inactive 08/451,293 5/26/1995 A2S		NSA	Granted	08/938,292	9/26/1997	3/16/1999 A2S	
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360 USA Granted 09/128,864 8/4/1998 7/9/2002 A2S 6,417,539 192 USA Granted 09/184,270 10/31/1998 11/12/2002 A2S 6,480,929 173 USA Granted 09/483,557 1/14/2000 5/1/2001 A2S 6,225,646 167 USA Granted 10/358,587 2/5/2003 9/14/2004 A2S 6,725,646 17701 USA Inactive 08/500,422 7/11/1995 A2S 6,790,752 1/2050 USA Inactive 08/914,871 8/20/1997 A2S A2S 1/2050 USA Inactive 08/267,726 6/28/1994 A2S A2S USA Inactive 08/764,735 12/6/1995 A2S A2S			Granted	09/172,410	10/14/1998	4/11/2000 A2S	6,048,766 FLASH MEMORY DEVICE HAVING HIGH
192 USA Granted 09/184,270 10/31/1998 11/12/2002 A2S 6,480,929 173 USA Granted 09/483,557 1/14/2000 5/1/2001 A2S 6,225,646 6.25,6		_	Granted	09/128,864	8/4/1998	7/9/2002 A2S	6,417,539 HIGH DENSITY MEMORY CELL ASSEMBLY AND
7.3 USA Granted 09/483,557 1/14/2000 5/1/2001 A2S 6,225,646 267 USA Granted 10/358,587 2/5/2003 9/14/2004 A2S 6,790,752 3/1701 USA inactive 162,822 3/2/1988 A2S 3/21988 A2S 42S 3/217095 A2S 3/217097 A2S 42S 42S 42S 42S 42S 42S 42S 42S 42S 4		_	Granted	09/184,270	10/31/1998	11/12/2002 A2S	6,480,929 PSEUDO- CONCURRENCY BETWEEN A VOLATILE
267 USA Granted 10/358,587 2/5/2003 9/14/2004 A2S 6,790,752 8/1701 USA Inactive 162,822 3/2/1988 A2S A2S 6,790,752 6/1701 USA Inactive 08/500,422 7/11/1995 A2S 6/1905 A2S 6/19050 USA Inactive 08/267,726 6/28/1994 A2S USA Inactive 08/451,293 5/26/1995 A2S USA Inactive 08/451,293 5/26/1995 A2S		_	Granted	09/483,557	1/14/2000	5/1/2001 A2S	,225,646
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USA Inactive 08/451,293 5/26/1995 A2S USA Inactive 08/764,735 12/6/1996 A2S	/2050	JSA	Inactive	08/267,726	6/28/1994	A2S	FLASH EEPROM ARRAY WITH FLOATING SUBSTRATE
USA Inactive 08/764.735 12/6/1996 A2S		JSA	Inactive	08/451,293	5/26/1995	A2S	A SELF-ALIGNED BURIED CHANNEL/JUNCTION
			Inactive	08/764,735	12/6/1996	A2S	A SELF-ALIGNED BURIED CHANNEL/JUNCTION

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