

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	U.S. Intellectual Property Security Agreement (For Non-U.S. Grantors) - Short Form

CONVEYING PARTY DATA

Name	Execution Date
658276 N.B. Ltd.	12/23/2011
658868 N.B. Inc.	12/23/2011
MOSAID Technologies Incorporated	12/23/2011

RECEIVING PARTY DATA

Name:	Royal Bank of Canada
Street Address:	20 King Street West, 4th Floor
City:	Toronto
State/Country:	CANADA
Postal Code:	M5H 1C4

PROPERTY NUMBERS Total: 1517

Property Type	Number
Patent Number:	5283761
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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

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Address Line 1: 4 Times Square
Address Line 2: Attn: John Deming
Address Line 4: New York, NEW YORK 10036

ATTORNEY DOCKET NUMBER:	481890/17
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NAME OF SUBMITTER:	John Deming
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Total Attachments: 65

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U.S. Intellectual Property Security Agreement (For Non-U.S. Grantors) – Short Form

This U.S. INTELLECTUAL PROPERTY SECURITY AGREEMENT (FOR NON-U.S. GRANTORS) – SHORT FORM (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “**IP Security Agreement**”) dated December 23, 2011, is made by the Persons listed on the signature pages hereof (collectively, the “**Grantors**”) in favor of ROYAL BANK OF CANADA, as administrative agent (the “**Administrative Agent**”) for the Secured Parties (as defined in the Credit Agreement referred to below). Terms defined in the U.S. Security Agreement (as defined below) and not otherwise defined herein shall have the meanings given to such terms (whether directly or by reference to another agreement or document) in the U.S. Security Agreement.

WHEREAS, MTI Luxco Sàrl (“**Holdings**”), 7577800 Canada Inc. (“Cdn Holdings”), 7577796 Canada Inc. (at any time prior to the amalgamation, the “Borrower”), that is to be amalgamated with and into MOSAID Technologies Incorporated (upon and at any time after the consummation of the amalgamation, the “Borrower”) have entered into that certain Credit Agreement dated as of the date hereof (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “**Credit Agreement**”), with ROYAL BANK OF CANADA (“**Royal Bank**”), as L/C Issuer, Swing Line Lender and Administrative Agent, and the Lenders from time to time party thereto;

WHEREAS, as a condition precedent to the making of Loans by the Lenders and the issuance of Letters of Credit by the L/C Issuer under the Credit Agreement, the entry into Secured Hedge Agreements by the Hedge Banks and the entry into Cash Management Agreements by the Cash Management Banks from time to time, each Grantor has executed and delivered that certain U.S. Intellectual Property Security Agreement (For Non-U.S. Grantors) dated as of the date hereof made by the Grantors to the Administrative Agent (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “**U.S. Security Agreement**”); and

WHEREAS, under the terms of the U.S. Security Agreement, as security for the timely payment or performance, as the case may be, in full of the Secured Obligations, each Grantor has granted to the Administrative Agent and its successors and permitted assigns, for the benefit of the Secured Parties, a security interest in all of such Grantor’s right, title and interest in, to and under, among other property, certain intellectual property of such Grantor, in each case, whether now existing or owned or hereafter arising or acquired, and wherever located, and has agreed as a condition thereof to execute this IP Security Agreement for recording with the United States Patent and Trademark Office and the United States Copyright Office, as applicable.

NOW, THEREFORE, in consideration of the foregoing and other benefits accruing each Grantor, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

SECTION 1. Grant of Security. As security for the timely payment or performance, as the case may be, in full of the Secured Obligations, each Grantor hereby grants to the Administrative Agent and its successors and permitted assigns, for the benefit of the Secured

Parties a security interest in all of such Grantor's right, title and interest in, to and under the following of such Grantor, in each case, whether now existing or owned or hereafter arising or acquired, and wherever located (the "**Collateral**"):

(i) (a) all industrial designs, letters patent, certificates of inventions, all registration and recordings thereof, and all applications for letters patent, including registrations, recordings and pending applications in the United States Patent and Trademark Office set forth in Schedule A hereto, (b) all reissues, continuations, divisions, continuations-in-part, renewals or extensions thereof, and the inventions disclosed or claimed therein, including the right to make, use and/or sell the inventions disclosed or claimed therein and all improvements thereto, (c) income, fees, royalties, damages, claims and payments now or hereafter due and/or payable thereunder and with respect thereto, including damages and payments for past, present or future infringements or other violations thereof, (d) rights to sue for past, present or future infringements or other violations thereof, and (e) rights corresponding thereto throughout the world (collectively, the "**Patents**");

(ii) (a) all trademarks, service marks, certification marks, domain names, trade names, corporate names, company names, business names, fictitious business names, trade styles, trade dress, logos, slogans, other source or business identifiers, designs and general intangibles of like nature, all registration and recordings thereof, and all registrations and registration applications filed in connection therewith, including the registrations and registration applications in the United States Patent and Trademark Office, and all extensions or renewals thereof, including any of the foregoing set forth in Schedule B hereto, (b) all goodwill associated therewith or symbolized thereby, (c) all other assets, rights and interests that uniquely reflect or embody such goodwill, (d) rights and privileges arising under applicable law with respect to the use of any of the foregoing, (e) income, fees, royalties, damages and payments now and hereafter due and/or payable thereunder and with respect thereto, including damages, claims and payments for past, present or future infringements, dilutions or other violations thereof, (f) rights to sue for past, present and future infringements, dilutions or other violations thereof, and (g) rights corresponding thereto throughout the world (collectively, the "**Trademarks**"); and

(iii) all copyrights (whether statutory or common law, whether registered or unregistered and whether published or unpublished), all mask works (as such term in defined in 17. U.S.C. Section 901, et seq.), and all copyright registrations and applications therefor, including, without limitation, the copyrights, registrations and applications in the United States Copyright Office set forth in Schedule C hereto, together with any and all (a) rights and privileges arising under applicable law with respect to such copyrights, (b) renewals and extensions thereof and amendments thereto, (c) income, fees, royalties, damages, claims and payments now or hereafter due and/or payable with respect thereto, including damages and payments for past, present or future infringements or other violations thereof, (d) rights to sue for past, present or future infringements thereof, and (e) rights corresponding thereto throughout the world (collectively, the "**Copyrights**");

(iv) each written agreement, now or hereafter in effect, granting any exclusive right to such Grantor under any Copyright now or hereafter owned by any third party, and all rights of such Grantor under any such agreement (the "Copyright Licenses"); and

(v) to the extent not covered by clauses (i) through (iv), all Proceeds of any and all of the foregoing;

provided that, notwithstanding the foregoing, "Collateral" shall not include any Excluded Property; and provide, further, that if and when any property shall cease to be Excluded Property, such property shall be deemed at all times from and after the date thereof to constitute Collateral.

SECTION 2. Recordation. Each Grantor authorizes and requests that the United States Copyright Office and the United States Patent and Trademark Office, as applicable, record this IP Security Agreement.

SECTION 3. Execution in Counterparts. This IP Security Agreement may be executed in two or more counterparts, each of which shall constitute an original but all of which taken together shall constitute a single contract. Delivery of an executed signature page to this IP Security Agreement by facsimile or an electronic transmission of a .pdf copy or an executed counterpart of this IP Security Agreement shall be effective as delivery of a manually executed counterpart hereof.

SECTION 4. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the U.S. Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Administrative Agent with respect to the Collateral are more fully set forth in the U.S. Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of an irreconcilable conflict between the terms of this IP Security Agreement and the U.S. Security Agreement, the U.S. Security Agreement shall control.

SECTION 5. **GOVERNING LAW**. **THIS IP SECURITY AGREEMENT SHALL BE CONSTRUED IN ACCORDANCE WITH AND GOVERNED BY THE LAWS OF THE STATE OF NEW YORK.**

[signature page follows]

IN WITNESS WHEREOF, each Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

658276 N.B. LTD.

By: _____

Name: *Phil Shaer*

Title: *President, Secretary and Treasurer*

658868 N.B. INC.

By: _____

Name: *Phil Shaer*


Title: *President and Secretary*

[Signature page to U.S. Intellectual Property Security Agreement (for Non-U.S. Grantors) – Short Form]

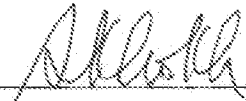
PATENT
REEL: 027512 FRAME: 0245

IN WITNESS WHEREOF, the undersigned Grantor has caused this IP Security Agreement to be executed by its authorized officer upon the amalgamation of 7577796 Canada Inc. with MOSAID Technologies Incorporated on the day and year first written above.

MOSAID TECHNOLOGIES
INCORPORATED

By: 
Name:
Title:

ROYAL BANK OF CANADA as
Administrative Agent,

By:  _____

Name: Susan Khokhar
Title: Manager, Agency

Schedule A
PATENTS AND APPLICATIONS

Patents

Country	Patent No.	Issue Date	Application No.	Filing Date	Owner
US	5,835,438	11/10/1998	08/773,770	12/24/1996	MOSAID Technologies Incorporated
US	6,236,581	5/22/2001	09/483,626	1/14/2000	MOSAID Technologies Incorporated
US	6,529,397	3/4/2003	09/750,068	12/29/2000	Co-owned by MOSAID Technologies Incorporated & Fujitsu Semiconductor Limited
US	6,603,703	8/5/2003	09/919,752	7/31/2001	MOSAID Technologies Incorporated
US	6,614,705	9/2/2003	09/819,488	3/28/2001	MOSAID Technologies Incorporated
US	6,980,448	12/27/2005	10/463,218	6/17/2003	MOSAID Technologies Incorporated
US	7,535,749	5/19/2009	11/396,306	3/30/2006	MOSAID Technologies Incorporated
US	7,975,159	11/29/2011	12/543,839	8/19/2009	MOSAID Technologies Incorporated
US	8,023,314	9/20/2011	12/405,153	3/16/1999	MOSAID Technologies Incorporated
US	8,058,904	11/15/2011	12/724,952	3/16/2010	MOSAID Technologies Incorporated
US	8,060,691	11/15/2011	13/022,166	2/7/2011	MOSAID Technologies Incorporated
US	8,063,658	11/22/2011	12/685,365	1/11/2010	MOSAID Technologies Incorporated
US	8,063,687	11/22/2011	11/833,559	8/3/2007	MOSAID Technologies Incorporated
US	8,064,260	11/22/2011	12/903,271	10/13/2010	MOSAID Technologies Incorporated
US	8,064,741	11/22/2011	10/584,853	6/28/2006	MOSAID Technologies Incorporated
US	8,064,769	11/22/2011	11/922,563	12/20/2007	MOSAID Technologies Incorporated
US	5,283,761	2/1/1994	07/916,673	7/22/1992	MOSAID Technologies Incorporated
US	5,308,783	5/3/1994	07/991,776	12/16/1992	MOSAID Technologies Incorporated
US	5,311,407	5/10/1994	07/876,640	4/30/1992	MOSAID Technologies Incorporated
US	5,329,531	7/12/1994	08/078,099	6/18/1993	MOSAID Technologies Incorporated
US	5,331,637	7/19/1994	08/100,634	7/30/1993	MOSAID Technologies Incorporated
US	5,344,794	9/6/1994	08/128,424	9/29/1993	MOSAID Technologies Incorporated
US	5,357,674	10/25/1994	08/101,637	8/4/1993	MOSAID Technologies Incorporated

US	5,422,887	6/6/1995	08/257,233	6/9/1994	MOSAID Technologies Incorporated
US	5,444,398	8/22/1995	07/995,639	12/17/1992	MOSAID Technologies Incorporated
US	5,446,295	8/29/1995	08/110,608	8/23/1993	MOSAID Technologies Incorporated
US	5,447,885	9/5/1995	08/268,948	6/30/1994	MOSAID Technologies Incorporated
US	5,454,107	9/26/1995	08/159,186	11/30/1993	MOSAID Technologies Incorporated
US	5,461,365	10/24/1995	08/330,901	10/27/1994	MOSAID Technologies Incorporated
US	5,506,152	4/9/1996	08/299,717	9/1/1994	MOSAID Technologies Incorporated
US	5,506,425	4/9/1996	08/355,452	12/13/1994	MOSAID Technologies Incorporated
US	5,518,948	5/21/1996	08/534,572	9/27/1995	MOSAID Technologies Incorporated
US	5,525,918	6/11/1996	08/364,130	12/27/1994	MOSAID Technologies Incorporated
US	5,532,955	7/2/1996	08/366,921	12/30/1994	MOSAID Technologies Incorporated
US	5,546,350	8/13/1996	08/226,035	4/11/1994	MOSAID Technologies Incorporated
US	5,574,697	11/12/1996	08/515,485	8/15/1995	MOSAID Technologies Incorporated
US	5,585,745	12/17/1996	08/686,272	7/25/1996	MOSAID Technologies Incorporated
US	5,600,602	2/4/1997	08/417,213	4/5/1995	MOSAID Technologies Incorporated
US	5,611,049	3/11/1997	08/343,477	11/28/1994	MOSAID Technologies Incorporated
US	5,612,912	3/18/1997	08/584,887	1/11/1996	MOSAID Technologies Incorporated
US	5,625,601	4/29/1997	08/226,033	4/11/1994	MOSAID Technologies Incorporated
US	5,633,607	5/27/1997	08/430,228	4/28/1995	MOSAID Technologies Incorporated
US	5,636,247	6/3/1997	08/407,829	3/21/1995	MOSAID Technologies Incorporated
US	5,637,518	6/10/1997	08/543,705	10/16/1995	MOSAID Technologies Incorporated
US	5,650,770	7/22/1997	08/547,026	10/23/1995	MOSAID Technologies Incorporated
US	5,652,733	7/29/1997	08/638,812	4/29/1996	MOSAID Technologies Incorporated
US	5,656,527	8/12/1997	07/686,392	4/17/1991	MOSAID Technologies Incorporated
US	5,666,306	9/9/1997	08/706,662	9/6/1996	MOSAID Technologies Incorporated
US	5,677,573	10/14/1997	08/743,502	11/4/1996	MOSAID Technologies Incorporated
US	5,677,884	10/14/1997	08/816,203	2/28/1997	MOSAID Technologies Incorporated

US	5,686,848	11/11/1997	08/638,810	4/29/1996	MOSAID Technologies Incorporated
US	5,694,143	12/2/1997	08/253,271	6/2/1994	MOSAID Technologies Incorporated
US	5,694,423	12/2/1997	08/692,554	8/6/1996	MOSAID Technologies Incorporated
US	5,706,428	1/6/1998	08/615,408	3/14/1996	MOSAID Technologies Incorporated
US	5,712,818	1/27/1998	08/537,615	10/2/1995	MOSAID Technologies Incorporated
US	5,712,823	1/27/1998	08/597,510	2/2/1996	MOSAID Technologies Incorporated
US	5,723,363	3/3/1998	08/537,062	9/29/1995	MOSAID Technologies Incorporated
US	5,724,286	3/3/1998	08/355,957	12/14/1994	MOSAID Technologies Incorporated
US	5,724,301	3/3/1998	08/752,578	11/21/1996	MOSAID Technologies Incorporated
US	5,729,160	3/17/1998	08/277,580	7/20/1994	MOSAID Technologies Incorporated
US	5,734,620	3/31/1998	08/661,810	6/11/1996	MOSAID Technologies Incorporated
US	5,742,544	4/21/1998	08/226,034	4/11/1994	MOSAID Technologies Incorporated
US	5,742,555	4/21/1998	08/700,234	8/20/1996	MOSAID Technologies Incorporated
US	5,748,536	5/5/1998	08/652,654	5/28/1996	MOSAID Technologies Incorporated
US	5,761,082	6/2/1998	08/799,493	2/12/1997	MOSAID Technologies Incorporated
US	5,763,300	6/9/1998	08/709,249	9/10/1996	MOSAID Technologies Incorporated
US	5,777,482	7/7/1998	08/675,590	7/3/1996	MOSAID Technologies Incorporated
US	5,777,501	7/7/1998	08/638,809	4/29/1996	MOSAID Technologies Incorporated
US	5,796,673	8/18/1998	08/319,042	10/6/1994	MOSAID Technologies Incorporated
US	5,804,491	9/8/1998	08/744,436	11/8/1996	MOSAID Technologies Incorporated
US	5,808,366	9/15/1998	08/694,541	8/9/1996	MOSAID Technologies Incorporated
US	5,808,959	9/15/1998	08/612,044	8/7/1996	MOSAID Technologies Incorporated
US	5,818,780	10/6/1998	08/717,170	9/20/1996	MOSAID Technologies Incorporated
US	5,822,258	10/13/1998	08/851,416	5/5/1997	MOSAID Technologies Incorporated
US	5,831,334	11/3/1998	08/912,899	8/15/1997	MOSAID Technologies Incorporated
US	5,834,357	11/10/1998	08/550,326	10/30/1995	MOSAID Technologies Incorporated
US	5,834,807	11/10/1998	08/615,064	3/13/1996	MOSAID Technologies Incorporated

US	5,834,946	11/10/1998	08/961,412	10/30/1997	MOSAID Technologies Incorporated
US	5,835,403	11/10/1998	08/879,908	6/20/1997	MOSAID Technologies Incorporated
US	5,838,620	11/17/1998	08/796,148	2/6/1997	MOSAID Technologies Incorporated
US	5,841,360	11/24/1998	08/734,921	10/22/1996	MOSAID Technologies Incorporated
US	5,844,916	12/1/1998	429,544	4/27/1995	MOSAID Technologies Incorporated
US	5,847,591	12/8/1998	08/829,256	3/31/1997	MOSAID Technologies Incorporated
US	5,855,924	1/5/1999	08/579,535	12/27/1995	MOSAID Technologies Incorporated
US	5,859,760	1/12/1999	08/843,799	4/21/1997	MOSAID Technologies Incorporated
US	5,861,781	1/19/1999	08/931,370	9/16/1997	MOSAID Technologies Incorporated
US	5,870,049	2/9/1999	08/838,168	4/16/1997	MOSAID Technologies Incorporated
US	5,872,742	2/16/1999	09/063,529	4/21/1998	MOSAID Technologies Incorporated
US	5,877,992	3/2/1999	09/000,954	12/30/1997	MOSAID Technologies Incorporated
US	5,892,914	4/6/1999	08/806,441	2/26/1997	MOSAID Technologies Incorporated
US	5,903,511	5/11/1999	08/999,002	12/29/1997	MOSAID Technologies Incorporated
US	5,908,791	6/1/1999	08/643,885	5/7/1996	MOSAID Technologies Incorporated
US	5,912,579	6/15/1999	09/133,586	8/13/1998	MOSAID Technologies Incorporated
US	5,913,128	6/15/1999	08/959,648	10/28/1997	MOSAID Technologies Incorporated
US	5,932,919	8/3/1999	08/856,336	5/14/1997	MOSAID Technologies Incorporated
US	5,938,860	8/17/1999	08/921,656	8/28/1997	MOSAID Technologies Incorporated
US	5,943,276	8/24/1999	09/031,973	2/26/1998	MOSAID Technologies Incorporated
US	5,946,244	8/31/1999	08/811,918	3/5/1997	MOSAID Technologies Incorporated
US	5,946,594	8/31/1999	08/581,765	1/2/1996	MOSAID Technologies Incorporated
US	5,951,689	9/14/1999	08/775,629	12/31/1996	MOSAID Technologies Incorporated
US	5,959,903	9/28/1999	08/904,153	7/31/1997	MOSAID Technologies Incorporated
US	5,963,130	10/5/1999	08/849,998	7/6/1998	MOSAID Technologies Incorporated
US	5,965,929	10/12/1999	08/623,905	3/27/1996	MOSAID Technologies Incorporated
US	5,969,395	10/19/1999	08/854,874	5/12/1997	MOSAID Technologies Incorporated

US	5,973,552	10/26/1999	08/743,348	11/4/1996	MOSAID Technologies Incorporated
US	5,976,917	11/2/1999	09/015,414	1/29/1998	MOSAID Technologies Incorporated
US	5,978,248	11/2/1999	09/030,130	2/25/1998	MOSAID Technologies Incorporated
US	5,978,287	11/2/1999	08/781,490	1/10/1997	MOSAID Technologies Incorporated
US	5,979,244	11/9/1999	09/034,517	3/4/1998	MOSAID Technologies Incorporated
US	5,982,674	11/9/1999	09/163,341	9/30/1998	MOSAID Technologies Incorporated
US	5,990,510	11/23/1999	09/212,053	12/15/1998	MOSAID Technologies Incorporated
US	5,991,226	11/23/1999	08/995,991	12/22/1997	MOSAID Technologies Incorporated
US	5,995,410	11/30/1999	09/123,634	7/28/1998	MOSAID Technologies Incorporated
US	5,998,844	12/7/1999	09/153,088	9/14/1998	MOSAID Technologies Incorporated
US	6,001,189	12/14/1999	08/724,578	9/30/1996	MOSAID Technologies Incorporated
US	6,007,406	12/28/1999	08/984,730	12/4/1997	MOSAID Technologies Incorporated
US	6,009,034	12/28/1999	09/167,042	10/5/1998	MOSAID Technologies Incorporated
US	6,018,175	1/25/2000	09/148,032	9/3/1998	MOSAID Technologies Incorporated
US	6,025,232	2/15/2000	08/968,085	11/12/1997	MOSAID Technologies Incorporated
US	6,025,624	2/15/2000	09/099,765	6/19/1998	MOSAID Technologies Incorporated
US	6,026,452	2/15/2000	09/144,602	8/31/1998	MOSAID Technologies Incorporated
US	6,028,986	2/22/2000	09/052,249	3/31/1998	MOSAID Technologies Incorporated
US	6,029,262	2/22/2000	08/978,083	11/25/1997	MOSAID Technologies Incorporated
US	6,043,119	3/28/2000	08/906,213	8/4/1997	MOSAID Technologies Incorporated
US	6,043,165	3/28/2000	08/890,578	7/9/1997	MOSAID Technologies Incorporated
US	6,056,783	5/2/2000	08/614,766	3/13/1996	MOSAID Technologies Incorporated
US	6,057,200	5/2/2000	08/831,360	4/1/1997	MOSAID Technologies Incorporated
US	6,057,676	5/2/2000	09/099,464	6/18/1998	MOSAID Technologies Incorporated
US	6,063,208	5/16/2000	09/310,520	5/12/1999	MOSAID Technologies Incorporated
US	6,063,656	5/16/2000	08/844,512	4/18/1997	MOSAID Technologies Incorporated
US	6,066,556	5/23/2000	09/184,918	11/2/1998	MOSAID Technologies Incorporated

US	6,067,272	5/23/2000	08/996,095	12/22/1997	MOSAID Technologies Incorporated
US	6,072,242	6/6/2000	09/209,649	12/10/1998	MOSAID Technologies Incorporated
US	6,074,945	6/13/2000	09/140,878	8/27/1998	MOSAID Technologies Incorporated
US	6,075,748	6/13/2000	09/399,372	9/20/1999	MOSAID Technologies Incorporated
US	6,077,211	6/20/2000	09/031,868	2/27/1998	MOSAID Technologies Incorporated
US	6,078,493	6/20/2000	09/083,886	5/26/1998	MOSAID Technologies Incorporated
US	6,085,234	7/4/2000	09/121,651	7/23/1998	MOSAID Technologies Incorporated
US	6,087,868	7/11/2000	09/069,140	4/29/1998	MOSAID Technologies Incorporated
US	6,088,800	7/11/2000	09/032,029	2/27/1998	MOSAID Technologies Incorporated
US	6,097,632	8/1/2000	08/844,191	4/18/1997	MOSAID Technologies Incorporated
US	6,100,858	8/8/2000	08/940,703	9/30/1997	MOSAID Technologies Incorporated
US	6,111,285	8/29/2000	09/042,791	3/17/1998	MOSAID Technologies Incorporated
US	6,133,159	10/17/2000	09/140,932	8/27/1998	MOSAID Technologies Incorporated
US	6,134,153	10/17/2000	09/364,181	7/29/1999	MOSAID Technologies Incorporated
US	6,134,162	10/17/2000	09/360,952	7/27/1999	MOSAID Technologies Incorporated
US	6,136,767	10/24/2000	09/196,661	11/19/1998	MOSAID Technologies Incorporated
US	6,137,735	10/24/2000	09/182,495	10/30/1998	Co-owned by MOSAID Technologies Incorporated & Matsushita Electric Industrial Co. Ltd.
US	6,141,268	10/31/2000	09/348,314	7/7/1999	MOSAID Technologies Incorporated
US	6,141,276	10/31/2000	09/389,680	9/2/1999	MOSAID Technologies Incorporated
US	6,144,591	11/7/2000	09/193,239	11/17/1998	MOSAID Technologies Incorporated
US	6,147,010	11/14/2000	08/974,015	11/19/1997	MOSAID Technologies Incorporated
US	6,151,260	11/21/2000	09/046,636	3/24/1998	MOSAID Technologies Incorporated
US	6,153,903	11/28/2000	09/204,526	12/3/1998	MOSAID Technologies Incorporated
US	6,162,672	12/19/2000	09/233,412	1/19/1999	MOSAID Technologies Incorporated
US	6,165,650	12/26/2000	09/310,521	5/12/1999	MOSAID Technologies Incorporated
US	6,167,541	12/26/2000	09/047,760	3/24/1998	MOSAID Technologies Incorporated

US	6,175,550	1/16/2001	08/834,684	4/1/1997	MOSAID Technologies Incorporated
US	6,180,452	1/30/2001	09/436,213	11/9/1999	MOSAID Technologies Incorporated
US	6,182,257	1/30/2001	09/000,968	12/30/1997	MOSAID Technologies Incorporated
US	6,184,136	2/6/2001	09/292,993	4/16/1999	MOSAID Technologies Incorporated
US	6,195,282	2/27/2001	08/986,358	12/8/1997	MOSAID Technologies Incorporated
US	6,198,390	3/6/2001	09/325,030	6/3/1999	MOSAID Technologies Incorporated
US	6,199,177	3/6/2001	09/143,283	8/28/1998	MOSAID Technologies Incorporated
US	6,200,196	3/13/2001	09/298,312	4/22/1999	MOSAID Technologies Incorporated
US	6,204,143	3/20/2001	09/293,635	4/15/1999	MOSAID Technologies Incorporated
US	6,205,083	3/20/2001	09/392,088	9/8/1999	MOSAID Technologies Incorporated
US	6,205,475	3/20/2001	09/382,311	8/24/1999	MOSAID Technologies Incorporated
US	6,206,757	3/27/2001	09/298,012	4/22/1999	MOSAID Technologies Incorporated
US	6,208,568	3/27/2001	09/133,714	8/13/1998	MOSAID Technologies Incorporated
US	6,214,687	4/10/2001	09/251,387	2/17/1999	MOSAID Technologies Incorporated
US	6,218,237	4/17/2001	08/582,385	1/3/1996	MOSAID Technologies Incorporated
US	6,222,770	4/24/2001	09/251,035	2/18/1999	MOSAID Technologies Incorporated
US	6,223,331	4/24/2001	09/126,877	7/30/1998	MOSAID Technologies Incorporated
US	6,225,159	5/1/2001	09/426,965	10/26/1999	MOSAID Technologies Incorporated
US	6,225,199	5/1/2001	09/348,381	7/7/1999	MOSAID Technologies Incorporated
US	6,233,194	5/15/2001	09/560,498	4/27/2000	MOSAID Technologies Incorporated
US	6,238,955	5/29/2001	09/135,377	8/17/1998	MOSAID Technologies Incorporated
US	6,238,970	5/29/2001	09/343,353	6/30/1999	MOSAID Technologies Incorporated
US	6,249,037	6/19/2001	09/135,392	8/17/1998	MOSAID Technologies Incorporated
US	6,255,187	7/3/2001	09/551,524	4/18/2000	MOSAID Technologies Incorporated
US	6,255,194	7/3/2001	09/324,919	6/3/1999	MOSAID Technologies Incorporated
US	6,256,259	7/3/2001	09/570,242	5/12/2000	MOSAID Technologies Incorporated
US	6,262,921	7/17/2001	09/570,241	5/12/2000	MOSAID Technologies Incorporated

US	6,265,299	7/24/2001	09/556,245	4/24/2000	MOSAID Technologies Incorporated
US	6,265,722	7/24/2001	09/386,976	8/31/1999	MOSAID Technologies Incorporated
US	6,265,781	7/24/2001	09/153,053	9/15/1998	MOSAID Technologies Incorporated
US	6,268,252	7/31/2001	09/442,523	11/18/1999	MOSAID Technologies Incorporated
US	6,268,265	7/31/2001	09/346,450	7/1/1999	MOSAID Technologies Incorporated
US	6,269,511	8/7/2001	09/679,806	10/4/2000	MOSAID Technologies Incorporated
US	6,271,124	8/7/2001	09/395,291	9/13/1999	MOSAID Technologies Incorporated
US	6,271,590	8/7/2001	09/138,811	8/21/1998	MOSAID Technologies Incorporated
US	6,273,100	8/14/2001	09/141,384	8/27/1998	MOSAID Technologies Incorporated
US	6,277,687	8/21/2001	09/323,440	6/1/1999	MOSAID Technologies Incorporated
US	6,278,188	8/21/2001	09/107,929	6/30/1998	MOSAID Technologies Incorporated
US	6,280,793	8/28/2001	08/752,834	11/20/1996	MOSAID Technologies Incorporated
US	6,281,125	8/28/2001	09/573,034	5/17/2000	MOSAID Technologies Incorporated
US	6,281,543	8/28/2001	09/386,833	8/31/1999	MOSAID Technologies Incorporated
US	6,284,417	9/4/2001	09/651,392	8/29/2000	MOSAID Technologies Incorporated
US	6,284,676	9/4/2001	09/650,876	8/30/2000	MOSAID Technologies Incorporated
US	6,291,289	9/18/2001	09/339,890	6/25/1999	MOSAID Technologies Incorporated
US	6,300,170	10/9/2001	09/393,548	9/10/1999	MOSAID Technologies Incorporated
US	6,300,187	10/9/2001	09/198,826	11/24/1998	MOSAID Technologies Incorporated
US	6,307,802	10/23/2001	09/454,532	12/6/1999	MOSAID Technologies Incorporated
US	6,313,048	11/6/2001	09/325,375	6/4/1999	MOSAID Technologies Incorporated
US	6,313,496	11/6/2001	09/654,930	8/31/2000	MOSAID Technologies Incorporated
US	6,314,030	11/6/2001	09/594,442	6/14/2000	MOSAID Technologies Incorporated
US	6,314,052	11/6/2001	09/761,274	1/16/2001	MOSAID Technologies Incorporated
US	6,316,326	11/13/2001	09/229,857	1/13/1999	MOSAID Technologies Incorporated
US	6,316,356	11/13/2001	09/038,252	3/10/1998	MOSAID Technologies Incorporated
US	6,316,363	11/13/2001	09/387,429	9/2/1999	MOSAID Technologies Incorporated

US	6,316,800	11/13/2001	09/563,909	5/4/2000	MOSAID Technologies Incorporated
US	6,319,789	11/20/2001	09/235,752	1/25/1999	MOSAID Technologies Incorporated
US	6,319,832	11/20/2001	09/253,307	2/19/1999	MOSAID Technologies Incorporated
US	6,320,777	11/20/2001	09/533,128	3/23/2000	MOSAID Technologies Incorporated
US	6,323,081	11/27/2001	09/146,866	9/3/1998	MOSAID Technologies Incorporated
US	6,324,119	11/27/2001	09/557,619	4/25/2000	MOSAID Technologies Incorporated
US	6,327,200	12/4/2001	09/640,610	8/17/2000	MOSAID Technologies Incorporated
US	6,327,318	12/4/2001	09/106,755	6/30/1998	MOSAID Technologies Incorporated
US	6,328,803	12/11/2001	08/805,018	2/21/1997	MOSAID Technologies Incorporated
US	6,330,572	12/11/2001	09/354,280	7/15/1999	MOSAID Technologies Incorporated
US	6,331,469	12/18/2001	09/684,822	10/10/2000	MOSAID Technologies Incorporated
US	6,333,887	12/25/2001	09/596,966	6/20/2000	MOSAID Technologies Incorporated
US	6,335,234	1/1/2002	09/495,416	1/31/2000	MOSAID Technologies Incorporated
US	6,335,246	1/1/2002	09/494,836	1/31/2000	MOSAID Technologies Incorporated
US	6,335,284	1/1/2002	09/386,360	8/31/1999	MOSAID Technologies Incorporated
US	6,337,267	1/8/2002	09/347,821	7/2/1999	MOSAID Technologies Incorporated
US	6,337,590	1/8/2002	09/572,954	5/18/2000	MOSAID Technologies Incorporated
US	6,339,026	1/15/2002	09/066,614	4/24/1998	MOSAID Technologies Incorporated
US	6,340,637	1/22/2002	09/730,038	12/5/2000	MOSAID Technologies Incorporated
US	6,342,417	1/29/2002	09/250,974	2/16/1999	MOSAID Technologies Incorporated
US	6,342,445	1/29/2002	09/571,718	5/15/2000	MOSAID Technologies Incorporated
US	6,342,451	1/29/2002	09/558,683	4/24/2000	MOSAID Technologies Incorporated
US	6,344,382	2/5/2002	09/494,835	1/31/2000	MOSAID Technologies Incorporated
US	6,355,515	3/12/2002	09/359,243	7/22/1999	MOSAID Technologies Incorporated
US	6,355,536	3/12/2002	09/093,217	6/8/1998	MOSAID Technologies Incorporated
US	6,356,489	3/12/2002	09/766,358	1/19/2001	MOSAID Technologies Incorporated
US	6,358,325	3/19/2002	09/468,022	12/20/1999	MOSAID Technologies Incorporated

US	6,359,817	3/19/2002	09/640,611	8/17/2000	MOSAID Technologies Incorporated
US	6,362,992	3/26/2002	09/684,589	10/6/2000	MOSAID Technologies Incorporated
US	6,365,507	4/2/2002	09/260,237	3/1/1999	MOSAID Technologies Incorporated
US	6,366,491	4/2/2002	09/761,297	1/16/2001	MOSAID Technologies Incorporated
US	6,366,559	4/2/2002	09/092,732	6/5/1998	MOSAID Technologies Incorporated
US	6,366,952	4/2/2002	09/811,331	3/16/2001	MOSAID Technologies Incorporated
US	6,369,432	4/9/2002	09/028,050	2/23/1998	MOSAID Technologies Incorporated
US	6,370,244	4/9/2002	09/054,872	4/3/1998	MOSAID Technologies Incorporated
US	6,372,574	4/16/2002	09/586,321	6/2/2000	MOSAID Technologies Incorporated
US	6,373,084	4/16/2002	09/729,848	12/6/2000	MOSAID Technologies Incorporated
US	6,373,765	4/16/2002	09/585,790	6/5/2000	MOSAID Technologies Incorporated
US	6,373,766	4/16/2002	09/585,791	6/5/2000	MOSAID Technologies Incorporated
US	6,376,303	4/23/2002	09/499,295	2/7/2000	MOSAID Technologies Incorporated
US	6,376,380	4/23/2002	09/652,601	8/30/2000	MOSAID Technologies Incorporated
US	6,383,868	5/7/2002	09/653,501	8/31/2000	MOSAID Technologies Incorporated
US	6,383,877	5/7/2002	09/573,268	5/18/2000	MOSAID Technologies Incorporated
US	6,384,001	5/7/2002	08/808,014	3/3/1997	MOSAID Technologies Incorporated
US	6,384,750	5/7/2002	09/533,724	3/23/2000	MOSAID Technologies Incorporated
US	6,387,748	5/14/2002	09/251,104	2/16/1999	MOSAID Technologies Incorporated
US	6,388,284	5/14/2002	09/754,924	1/3/2001	MOSAID Technologies Incorporated
US	6,391,709	5/21/2002	09/394,401	9/13/1999	MOSAID Technologies Incorporated
US	6,391,736	5/21/2002	09/704,763	11/3/2000	MOSAID Technologies Incorporated
US	6,392,958	5/21/2002	09/822,487	4/2/2001	MOSAID Technologies Incorporated
US	6,393,572	5/21/2002	09/300,902	4/28/1999	MOSAID Technologies Incorporated
US	6,395,436	5/28/2002	09/924,636	8/8/2001	MOSAID Technologies Incorporated
US	6,395,602	5/28/2002	09/779,219	2/7/2001	MOSAID Technologies Incorporated
US	6,395,614	5/28/2002	09/751,075	12/29/2000	MOSAID Technologies Incorporated

US	6,395,647	5/28/2002	09/388,570	9/2/1999	MOSAID Technologies Incorporated
US	6,396,391	5/28/2002	09/141,321	8/27/1998	MOSAID Technologies Incorporated
US	6,399,459	6/4/2002	09/892,594	6/27/2001	MOSAID Technologies Incorporated
US	6,399,476	6/4/2002	09/432,101	11/2/1999	MOSAID Technologies Incorporated
US	6,400,002	6/4/2002	09/490,257	1/24/2000	MOSAID Technologies Incorporated
US	6,400,194	6/4/2002	09/642,332	8/21/2000	MOSAID Technologies Incorporated
US	6,400,641	6/4/2002	09/353,571	7/15/1999	MOSAID Technologies Incorporated
US	6,403,442	6/11/2002	09/389,533	9/2/1999	MOSAID Technologies Incorporated
US	6,404,054	6/11/2002	09/609,927	7/5/2000	MOSAID Technologies Incorporated
US	6,406,957	6/18/2002	09/494,973	1/31/2000	MOSAID Technologies Incorporated
US	6,409,936	6/25/2002	09/252,022	2/16/1999	MOSAID Technologies Incorporated
US	6,410,948	6/25/2002	09/340,983	6/28/1999	MOSAID Technologies Incorporated
US	6,413,823	7/2/2002	09/460,253	12/13/1999	MOSAID Technologies Incorporated
US	6,418,008	7/9/2002	09/798,992	3/6/2001	MOSAID Technologies Incorporated
US	6,420,270	7/16/2002	09/645,906	8/25/2000	MOSAID Technologies Incorporated
US	6,420,982	7/16/2002	10/022,932	12/18/2001	MOSAID Technologies Incorporated
US	6,423,639	7/23/2002	09/603,202	6/26/2000	MOSAID Technologies Incorporated
US	6,424,577	7/23/2002	09/814,414	3/21/2001	MOSAID Technologies Incorporated
US	6,424,733	7/23/2002	09/118,835	7/20/1998	MOSAID Technologies Incorporated
US	6,426,295	7/30/2002	09/584,468	5/31/2000	MOSAID Technologies Incorporated
US	6,429,070	8/6/2002	09/651,484	8/30/2000	MOSAID Technologies Incorporated
US	6,429,087	8/6/2002	09/386,537	8/30/1999	MOSAID Technologies Incorporated
US	6,429,439	8/6/2002	09/891,919	6/26/2001	MOSAID Technologies Incorporated
US	6,429,475	8/6/2002	09/645,251	8/24/2000	MOSAID Technologies Incorporated
US	6,434,042	8/13/2002	09/703,393	10/31/2000	MOSAID Technologies Incorporated
US	6,434,052	8/13/2002	09/222,044	5/3/1999	MOSAID Technologies Incorporated
US	6,434,077	8/13/2002	09/804,988	3/13/2001	MOSAID Technologies Incorporated

US	6,434,191	8/13/2002	09/653,913	9/1/2000	MOSAID Technologies Incorporated
US	6,434,699	8/13/2002	09/584,930	6/1/2000	MOSAID Technologies Incorporated
US	6,434,732	8/13/2002	09/823,104	3/27/2001	MOSAID Technologies Incorporated
US	6,436,246	8/20/2002	08/788,980	1/27/1997	MOSAID Technologies Incorporated
US	6,436,247	8/20/2002	09/932,233	8/17/2001	MOSAID Technologies Incorporated
US	6,436,611	8/20/2002	09/611,799	7/7/2000	MOSAID Technologies Incorporated
US	6,440,382	8/27/2002	09/387,119	8/31/1999	MOSAID Technologies Incorporated
US	6,441,659	8/27/2002	09/562,024	5/1/2000	MOSAID Technologies Incorporated
US	6,442,084	8/27/2002	09/928,404	8/14/2001	MOSAID Technologies Incorporated
US	6,442,329	8/27/2002	09/259,398	2/26/1999	658276 N.B. Ltd.
US	6,442,500	8/27/2002	09/359,438	7/22/1999	MOSAID Technologies Incorporated
US	6,448,626	9/10/2002	09/672,924	9/28/2000	MOSAID Technologies Incorporated
US	6,451,658	9/17/2002	09/887,612	6/22/2001	MOSAID Technologies Incorporated
US	6,451,714	9/17/2002	09/139,934	8/26/1998	MOSAID Technologies Incorporated
US	6,454,912	9/24/2002	09/810,368	3/15/2001	MOSAID Technologies Incorporated
US	6,458,216	10/1/2002	09/543,036	4/5/2000	MOSAID Technologies Incorporated
US	6,458,290	10/1/2002	09/642,682	8/21/2000	MOSAID Technologies Incorporated
US	6,458,714	10/1/2002	09/721,839	11/22/2000	MOSAID Technologies Incorporated
US	6,459,116	10/1/2002	09/283,606	4/1/1999	MOSAID Technologies Incorporated
US	6,459,138	10/1/2002	09/880,579	6/12/2001	MOSAID Technologies Incorporated
US	6,459,635	10/1/2002	09/703,360	10/31/2000	MOSAID Technologies Incorporated
US	6,461,909	10/8/2002	09/651,859	8/30/2000	MOSAID Technologies Incorporated
US	6,462,367	10/8/2002	09/888,891	6/25/2001	MOSAID Technologies Incorporated
US	6,462,994	10/8/2002	09/929,930	8/15/2001	MOSAID Technologies Incorporated
US	6,463,059	10/8/2002	09/205,480	12/4/1998	MOSAID Technologies Incorporated
US	6,465,310	10/15/2002	09/892,125	6/26/2001	MOSAID Technologies Incorporated
US	6,465,866	10/15/2002	09/911,096	7/23/2001	MOSAID Technologies Incorporated

US	6,466,048	10/15/2002	09/862,339	5/23/2001	MOSAID Technologies Incorporated
US	6,466,478	10/15/2002	09/847,115	5/1/2001	MOSAID Technologies Incorporated
US	6,468,909	10/22/2002	09/146,299	9/3/1998	MOSAID Technologies Incorporated
US	6,472,260	10/29/2002	09/999,885	10/31/2001	MOSAID Technologies Incorporated
US	6,473,325	10/29/2002	09/882,209	6/15/2001	MOSAID Technologies Incorporated
US	6,475,852	11/5/2002	09/999,886	10/31/2001	MOSAID Technologies Incorporated
US	6,479,297	11/12/2002	09/652,634	8/31/2000	MOSAID Technologies Incorporated
US	6,479,399	11/12/2002	09/885,091	6/21/2001	MOSAID Technologies Incorporated
US	6,480,407	11/12/2002	08/519,504	8/25/1995	MOSAID Technologies Incorporated
US	6,480,510	11/12/2002	09/123,486	7/28/1998	MOSAID Technologies Incorporated
US	6,482,691	11/19/2002	09/494,974	1/31/2000	MOSAID Technologies Incorporated
US	6,483,146	11/19/2002	09/735,864	12/13/2000	MOSAID Technologies Incorporated
US	6,483,733	11/19/2002	09/977,982	10/17/2001	MOSAID Technologies Incorporated
US	6,483,744	11/19/2002	09/887,904	6/21/2001	MOSAID Technologies Incorporated
US	6,483,757	11/19/2002	09/895,503	6/29/2001	MOSAID Technologies Incorporated
US	6,483,766	11/19/2002	09/726,998	11/30/2000	MOSAID Technologies Incorporated
US	6,483,769	11/19/2002	09/847,791	5/2/2001	MOSAID Technologies Incorporated
US	6,486,956	11/26/2002	09/816,861	3/23/2001	MOSAID Technologies Incorporated
US	6,489,836	12/3/2002	09/742,676	12/20/2000	MOSAID Technologies Incorporated
US	6,490,207	12/3/2002	10/033,574	11/2/2001	MOSAID Technologies Incorporated
US	6,490,224	12/3/2002	09/907,316	7/16/2001	MOSAID Technologies Incorporated
US	6,492,243	12/10/2002	09/990,715	11/20/2001	MOSAID Technologies Incorporated
US	6,495,459	12/17/2002	09/999,840	10/24/2001	MOSAID Technologies Incorporated
US	6,496,027	12/17/2002	08/916,994	8/21/1997	MOSAID Technologies Incorporated
US	6,498,363	12/24/2002	09/652,837	8/31/2000	MOSAID Technologies Incorporated
US	6,498,763	12/24/2002	09/835,812	4/17/2001	MOSAID Technologies Incorporated
US	6,500,588	12/31/2002	10/125,853	4/19/2002	MOSAID Technologies Incorporated

US	6,501,149	12/31/2002	10/043,330	1/14/2002	MOSAID Technologies Incorporated
US	6,504,775	1/7/2003	09/956,917	9/21/2001	MOSAID Technologies Incorporated
US	6,505,241	1/7/2003	09/760,258	1/13/2001	MOSAID Technologies Incorporated
US	6,506,666	1/14/2003	10/003,261	12/6/2001	MOSAID Technologies Incorporated
US	6,506,679	1/14/2003	09/942,181	8/29/2001	MOSAID Technologies Incorporated
US	6,509,590	1/21/2003	09/119,355	7/20/1998	MOSAID Technologies Incorporated
US	6,510,503	1/21/2003	09/182,494	10/30/1998	MOSAID Technologies Incorporated
US	6,510,533	1/21/2003	09/749,854	12/26/2000	MOSAID Technologies Incorporated
US	6,514,862	2/4/2003	09/977,239	10/16/2001	MOSAID Technologies Incorporated
US	6,515,325	2/4/2003	10/092,829	3/6/2002	MOSAID Technologies Incorporated
US	6,515,931	2/4/2003	09/845,794	4/30/2001	MOSAID Technologies Incorporated
US	6,517,616	2/11/2003	10/012,668	10/30/2001	MOSAID Technologies Incorporated
US	6,518,117	2/11/2003	09/823,200	3/29/2001	MOSAID Technologies Incorporated
US	6,518,121	2/11/2003	09/941,759	8/30/2001	MOSAID Technologies Incorporated
US	6,518,610	2/11/2003	09/789,335	2/20/2001	MOSAID Technologies Incorporated
US	6,518,626	2/11/2003	09/507,463	2/22/2000	MOSAID Technologies Incorporated
US	6,518,889	2/11/2003	09/728,167	12/1/2000	MOSAID Technologies Incorporated
US	6,521,049	2/18/2003	09/327,152	6/7/1999	MOSAID Technologies Incorporated
US	6,522,010	2/18/2003	09/902,279	7/9/2001	MOSAID Technologies Incorporated
US	6,522,562	2/18/2003	09/894,900	6/29/2001	MOSAID Technologies Incorporated
US	6,522,596	2/18/2003	09/892,735	6/28/2001	MOSAID Technologies Incorporated
US	6,524,346	2/25/2003	09/259,143	2/26/1999	MOSAID Technologies Incorporated
US	6,524,867	2/25/2003	09/751,810	12/28/2000	MOSAID Technologies Incorporated
US	6,526,428	2/25/2003	10/036,246	10/22/2001	MOSAID Technologies Incorporated
US	6,528,978	3/4/2003	09/988,657	11/20/2001	MOSAID Technologies Incorporated
US	6,529,031	3/4/2003	09/876,706	6/7/2001	MOSAID Technologies Incorporated
US	6,529,417	3/4/2003	09/821,243	3/29/2001	MOSAID Technologies Incorporated

US	6,534,400	3/18/2003	10/039,165	1/3/2002	MOSAID Technologies Incorporated
US	6,537,837	3/25/2003	09/977,323	10/16/2001	MOSAID Technologies Incorporated
US	6,537,862	3/25/2003	10/022,934	12/18/2001	MOSAID Technologies Incorporated
US	6,538,465	3/25/2003	10/084,620	2/28/2002	MOSAID Technologies Incorporated
US	6,539,454	3/25/2003	09/129,878	8/6/1998	MOSAID Technologies Incorporated
US	6,541,067	4/1/2003	09/506,962	2/18/2000	MOSAID Technologies Incorporated
US	6,544,435	4/8/2003	10/167,564	6/11/2002	MOSAID Technologies Incorporated
US	6,544,902	4/8/2003	09/652,340	8/31/2000	MOSAID Technologies Incorporated
US	6,545,356	4/8/2003	10/051,768	1/18/2002	MOSAID Technologies Incorporated
US	6,548,372	4/15/2003	09/685,531	10/10/2000	MOSAID Technologies Incorporated
US	6,548,994	4/15/2003	09/993,817	11/14/2001	MOSAID Technologies Incorporated
US	6,549,616	4/15/2003	09/531,692	3/20/2000	MOSAID Technologies Incorporated
US	6,549,821	4/15/2003	09/259,142	2/26/1999	MOSAID Technologies Incorporated
US	6,552,383	4/22/2003	09/852,668	5/11/2001	MOSAID Technologies Incorporated
US	6,552,950	4/22/2003	09/996,240	11/28/2001	MOSAID Technologies Incorporated
US	6,553,521	4/22/2003	09/511,169	2/24/2000	MOSAID Technologies Incorporated
US	6,555,863	4/29/2003	09/566,673	5/8/2000	MOSAID Technologies Incorporated
US	6,556,469	4/29/2003	09/768,006	1/24/2001	MOSAID Technologies Incorporated
US	6,556,492	4/29/2003	09/907,695	7/18/2001	MOSAID Technologies Incorporated
US	6,558,477	5/6/2003	09/688,757	10/16/2000	MOSAID Technologies Incorporated
US	6,558,883	5/6/2003	09/801,413	3/8/2001	MOSAID Technologies Incorporated
US	6,559,544	5/6/2003	10/107,821	3/28/2002	MOSAID Technologies Incorporated
US	6,559,699	5/6/2003	09/985,972	11/7/2001	MOSAID Technologies Incorporated
US	6,560,162	5/6/2003	10/010,625	11/8/2001	MOSAID Technologies Incorporated
US	6,560,319	5/6/2003	09/764,342	1/19/2001	MOSAID Technologies Incorporated
US	6,563,727	5/13/2003	10/208,011	7/31/2002	MOSAID Technologies Incorporated
US	6,563,786	5/13/2003	09/224,695	1/4/1999	MOSAID Technologies Incorporated

US	6,566,735	5/20/2003	09/715,372	11/17/2000	MOSAID Technologies Incorporated
US	6,570,204	5/27/2003	09/654,297	9/1/2000	MOSAID Technologies Incorporated
US	6,570,803	5/27/2003	10/151,877	5/22/2002	MOSAID Technologies Incorporated
US	6,571,352	5/27/2003	09/796,080	2/28/2001	MOSAID Technologies Incorporated
US	6,573,175	6/3/2003	09/998,729	11/30/2001	MOSAID Technologies Incorporated
US	6,573,180	6/3/2003	10/101,776	3/21/2002	MOSAID Technologies Incorporated
US	6,573,993	6/3/2003	10/206,042	7/29/2002	MOSAID Technologies Incorporated
US	6,577,413	6/10/2003	09/518,134	3/3/2000	MOSAID Technologies Incorporated
US	6,577,523	6/10/2003	10/121,805	4/12/2002	MOSAID Technologies Incorporated
US	6,579,471	6/17/2003	09/942,157	8/29/2001	MOSAID Technologies Incorporated
US	6,579,794	6/17/2003	09/357,126	7/20/1999	MOSAID Technologies Incorporated
US	6,580,115	6/17/2003	09/880,536	7/19/2001	MOSAID Technologies Incorporated
US	6,580,652	6/17/2003	10/291,645	11/12/2002	MOSAID Technologies Incorporated
US	6,583,008	6/24/2003	10/253,133	9/24/2002	MOSAID Technologies Incorporated
US	6,583,478	6/24/2003	09/948,201	9/6/2001	MOSAID Technologies Incorporated
US	6,583,917	6/24/2003	10/022,255	12/20/2001	MOSAID Technologies Incorporated
US	6,584,003	6/24/2003	10/134,753	4/30/2002	MOSAID Technologies Incorporated
US	6,584,261	6/24/2003	09/988,624	11/20/2001	MOSAID Technologies Incorporated
US	6,586,978	7/1/2003	10/177,945	6/20/2002	MOSAID Technologies Incorporated
US	6,587,383	7/1/2003	10/100,856	3/19/2002	MOSAID Technologies Incorporated
US	6,587,920	7/1/2003	09/725,461	11/30/2000	MOSAID Technologies Incorporated
US	6,590,901	7/8/2003	09/283,778	3/31/1999	MOSAID Technologies Incorporated
US	6,596,583	7/22/2003	10/002,906	10/29/2001	MOSAID Technologies Incorporated
US	6,596,647	7/22/2003	09/929,640	8/14/2001	MOSAID Technologies Incorporated
US	6,600,671	7/29/2003	10/225,908	8/21/2002	MOSAID Technologies Incorporated
US	6,605,863	8/12/2003	10/178,398	6/24/2002	MOSAID Technologies Incorporated
US	6,607,944	8/19/2003	09/918,345	7/30/2001	MOSAID Technologies Incorporated

US	6,607,966	8/19/2003	10/039,022	1/2/2002	MOSAID Technologies Incorporated
US	6,608,788	8/19/2003	10/290,287	11/8/2002	MOSAID Technologies Incorporated
US	6,608,896	8/19/2003	10/021,397	12/7/2001	MOSAID Technologies Incorporated
US	6,610,568	8/26/2003	09/935,490	8/23/2001	MOSAID Technologies Incorporated
US	6,613,656	9/2/2003	09/782,207	2/13/2001	MOSAID Technologies Incorporated
US	6,614,243	9/2/2003	09/947,295	9/5/2001	MOSAID Technologies Incorporated
US	6,614,248	9/2/2003	10/186,659	7/1/2002	MOSAID Technologies Incorporated
US	6,617,634	9/9/2003	10/075,819	2/12/2002	MOSAID Technologies Incorporated
US	6,617,635	9/9/2003	10/039,950	12/31/2001	MOSAID Technologies Incorporated
US	6,622,738	9/23/2003	10/131,371	4/24/2002	MOSAID Technologies Incorporated
US	6,624,088	9/23/2003	10/118,946	4/10/2002	MOSAID Technologies Incorporated
US	6,624,496	9/23/2003	10/044,991	1/15/2002	MOSAID Technologies Incorporated
US	6,624,897	9/23/2003	09/292,396	4/15/1999	MOSAID Technologies Incorporated
US	6,625,075	9/23/2003	10/118,338	4/9/2002	MOSAID Technologies Incorporated
US	6,627,938	9/30/2003	09/729,130	12/1/2000	MOSAID Technologies Incorporated
US	6,629,099	9/30/2003	09/733,231	12/7/2000	MOSAID Technologies Incorporated
US	6,630,403	10/7/2003	10/209,035	7/30/2002	MOSAID Technologies Incorporated
US	6,630,706	10/7/2003	09/945,252	8/30/2001	MOSAID Technologies Incorporated
US	6,633,567	10/14/2003	09/652,196	8/31/2000	MOSAID Technologies Incorporated
US	6,635,562	10/21/2003	09/841,973	4/25/2001	MOSAID Technologies Incorporated
US	6,638,809	10/28/2003	09/894,320	6/27/2001	MOSAID Technologies Incorporated
US	6,639,243	10/28/2003	10/012,233	12/5/2001	MOSAID Technologies Incorporated
US	6,642,596	11/4/2003	10/290,235	11/8/2002	MOSAID Technologies Incorporated
US	6,645,806	11/11/2003	09/941,375	8/28/2001	MOSAID Technologies Incorporated
US	6,645,874	11/11/2003	09/864,482	5/24/2001	MOSAID Technologies Incorporated
US	6,653,234	11/25/2003	10/011,134	12/7/2001	MOSAID Technologies Incorporated
US	6,656,839	12/2/2003	09/880,580	6/12/2001	MOSAID Technologies Incorporated

US	6,657,918	12/2/2003	10/279,217	10/23/2002	MOSAID Technologies Incorporated
US	6,657,919	12/2/2003	10/348,062	1/17/2003	MOSAID Technologies Incorporated
US	6,660,580	12/9/2003	10/141,881	5/10/2002	MOSAID Technologies Incorporated
US	6,661,723	12/9/2003	10/278,195	10/22/2002	MOSAID Technologies Incorporated
US	6,661,791	12/9/2003	09/473,074	12/28/1999	MOSAID Technologies Incorporated
US	6,662,339	12/9/2003	09/464,042	12/15/1999	MOSAID Technologies Incorporated
US	6,664,803	12/16/2003	10/176,704	6/20/2002	MOSAID Technologies Incorporated
US	6,665,220	12/16/2003	10/173,504	6/18/2002	MOSAID Technologies Incorporated
US	6,673,663	1/6/2004	10/143,264	5/8/2002	MOSAID Technologies Incorporated
US	6,673,689	1/6/2004	10/159,892	5/30/2002	MOSAID Technologies Incorporated
US	6,677,745	1/13/2004	10/134,132	4/29/2002	MOSAID Technologies Incorporated
US	6,680,519	1/20/2004	09/844,059	4/26/2001	MOSAID Technologies Incorporated
US	6,682,969	1/27/2004	09/652,863	8/31/2000	MOSAID Technologies Incorporated
US	6,682,972	1/27/2004	10/035,390	12/28/2001	MOSAID Technologies Incorporated
US	6,682,984	1/27/2004	09/535,483	3/24/2000	MOSAID Technologies Incorporated
US	6,683,337	1/27/2004	09/779,547	2/9/2001	MOSAID Technologies Incorporated
US	6,683,928	1/27/2004	09/968,897	10/3/2001	MOSAID Technologies Incorporated
US	6,689,321	2/10/2004	10/266,797	10/8/2002	MOSAID Technologies Incorporated
US	6,690,677	2/10/2004	09/357,379	7/20/1999	MOSAID Technologies Incorporated
US	6,693,015	2/17/2004	09/928,308	8/14/2001	MOSAID Technologies Incorporated
US	6,693,034	2/17/2004	10/229,686	8/27/2002	MOSAID Technologies Incorporated
US	6,696,353	2/24/2004	10/396,902	3/25/2003	MOSAID Technologies Incorporated
US	6,696,360	2/24/2004	09/809,670	3/15/2001	MOSAID Technologies Incorporated
US	6,701,165	3/2/2004	09/598,057	6/21/2000	MOSAID Technologies Incorporated
US	6,703,844	3/9/2004	10/223,899	8/20/2002	MOSAID Technologies Incorporated
US	6,704,216	3/9/2004	10/064,770	8/15/2002	MOSAID Technologies Incorporated
US	6,706,616	3/16/2004	09/914,749	1/14/2002	MOSAID Technologies Incorporated

US	6,707,090	3/16/2004	10/393,696	3/20/2003	MOSAID Technologies Incorporated
US	6,707,312	3/16/2004	09/988,987	11/19/2001	MOSAID Technologies Incorporated
US	6,707,734	3/16/2004	10/336,849	1/6/2003	MOSAID Technologies Incorporated
US	6,709,945	3/23/2004	09/765,885	1/16/2001	MOSAID Technologies Incorporated
US	6,711,083	3/23/2004	10/336,850	1/6/2003	MOSAID Technologies Incorporated
US	6,711,170	3/23/2004	09/386,589	8/31/1999	MOSAID Technologies Incorporated
US	6,713,218	3/30/2004	10/328,771	12/23/2002	MOSAID Technologies Incorporated
US	6,714,468	3/30/2004	10/099,220	3/13/2002	MOSAID Technologies Incorporated
US	6,716,077	4/6/2004	09/572,079	5/17/2000	MOSAID Technologies Incorporated
US	6,716,802	4/6/2004	09/298,160	4/22/1999	MOSAID Technologies Incorporated
US	6,716,958	4/6/2004	10/019,447	5/6/2002	MOSAID Technologies Incorporated
US	6,717,191	4/6/2004	10/349,015	1/21/2003	MOSAID Technologies Incorporated
US	6,717,876	4/6/2004	10/329,461	12/27/2002	MOSAID Technologies Incorporated
US	6,719,823	4/13/2004	10/271,522	10/15/2002	MOSAID Technologies Incorporated
US	6,724,181	4/20/2004	09/992,290	11/16/2001	MOSAID Technologies Incorporated
US	6,724,663	4/20/2004	10/376,936	2/28/2003	MOSAID Technologies Incorporated
US	6,730,444	5/4/2004	09/874,615	6/5/2001	MOSAID Technologies Incorporated
US	6,730,567	5/4/2004	10/093,528	3/11/2002	MOSAID Technologies Incorporated
US	6,731,531	5/4/2004	09/650,553	8/30/2000	MOSAID Technologies Incorporated
US	6,731,540	5/4/2004	10/222,573	8/15/2002	MOSAID Technologies Incorporated
US	6,731,552	5/4/2004	10/206,299	7/26/2002	MOSAID Technologies Incorporated
US	6,734,062	5/11/2004	10/188,022	7/1/2002	MOSAID Technologies Incorporated
US	6,737,317	5/18/2004	10/075,574	2/12/2002	MOSAID Technologies Incorporated
US	6,740,554	5/25/2004	10/209,386	7/30/2002	MOSAID Technologies Incorporated
US	6,740,923	5/25/2004	10/145,250	5/14/2002	MOSAID Technologies Incorporated
US	6,744,688	6/1/2004	10/357,394	2/4/2003	MOSAID Technologies Incorporated
US	6,747,752	6/8/2004	09/187,267	11/6/1998	MOSAID Technologies Incorporated

US	6,750,110	6/15/2004	09/121,528	7/23/1998	MOSAID Technologies Incorporated
US	6,750,500	6/15/2004	09/225,887	1/5/1999	MOSAID Technologies Incorporated
US	6,750,671	6/15/2004	09/915,984	7/25/2001	MOSAID Technologies Incorporated
US	6,752,912	6/22/2004	09/384,740	8/27/1999	MOSAID Technologies Incorporated
US	6,754,211	6/22/2004	09/453,344	12/1/1999	MOSAID Technologies Incorporated
US	6,754,847	6/22/2004	09/827,954	4/6/2001	MOSAID Technologies Incorporated
US	6,756,805	6/29/2004	10/295,499	11/15/2002	MOSAID Technologies Incorporated
US	6,757,368	6/29/2004	10/412,251	4/14/2003	MOSAID Technologies Incorporated
US	6,758,908	7/6/2004	09/941,476	8/29/2001	MOSAID Technologies Incorporated
US	6,758,938	7/6/2004	09/386,247	8/31/1999	MOSAID Technologies Incorporated
US	6,759,705	7/6/2004	10/268,482	10/10/2002	MOSAID Technologies Incorporated
US	6,759,748	7/6/2004	10/006,303	12/6/2001	MOSAID Technologies Incorporated
US	6,762,450	7/13/2004	09/876,102	6/6/2001	MOSAID Technologies Incorporated
US	6,762,500	7/13/2004	10/122,870	4/15/2002	MOSAID Technologies Incorporated
US	6,762,611	7/13/2004	10/010,504	12/5/2001	MOSAID Technologies Incorporated
US	6,764,895	7/20/2004	10/158,978	5/30/2002	MOSAID Technologies Incorporated
US	6,765,866	7/20/2004	09/516,001	2/29/2000	MOSAID Technologies Incorporated
US	6,766,072	7/20/2004	09/915,401	7/27/2001	MOSAID Technologies Incorporated
US	6,766,496	7/20/2004	10/162,123	6/3/2002	MOSAID Technologies Incorporated
US	6,768,674	7/27/2004	10/231,602	8/29/2002	MOSAID Technologies Incorporated
US	6,772,301	8/3/2004	10/177,895	6/20/2002	MOSAID Technologies Incorporated
US	6,772,312	8/3/2004	10/290,317	11/8/2002	MOSAID Technologies Incorporated
US	6,773,495	8/10/2004	10/336,087	1/3/2003	MOSAID Technologies Incorporated
US	6,773,934	8/10/2004	10/105,590	3/25/2002	MOSAID Technologies Incorporated
US	6,774,035	8/10/2004	09/942,201	8/29/2001	MOSAID Technologies Incorporated
US	6,774,058	8/10/2004	10/027,519	12/20/2001	MOSAID Technologies Incorporated
US	6,774,418	8/10/2004	10/303,779	11/25/2002	MOSAID Technologies Incorporated

US	6,774,421	8/10/2004	10/286,715	11/1/2002	MOSAID Technologies Incorporated
US	6,775,166	8/10/2004	10/234,033	8/30/2002	MOSAID Technologies Incorporated
US	6,777,806	8/17/2004	10/035,247	1/4/2002	MOSAID Technologies Incorporated
US	6,779,097	8/17/2004	10/247,821	9/20/2002	MOSAID Technologies Incorporated
US	6,780,792	8/24/2004	10/423,423	4/25/2003	MOSAID Technologies Incorporated
US	6,781,175	8/24/2004	10/318,597	12/12/2002	MOSAID Technologies Incorporated
US	6,781,398	8/24/2004	10/208,252	7/30/2002	MOSAID Technologies Incorporated
US	6,784,550	8/31/2004	09/945,536	8/30/2001	MOSAID Technologies Incorporated
US	6,784,683	8/31/2004	10/131,374	4/24/2002	MOSAID Technologies Incorporated
US	6,785,176	8/31/2004	10/336,851	1/6/2003	MOSAID Technologies Incorporated
US	6,787,479	9/7/2004	10/125,762	4/18/2002	MOSAID Technologies Incorporated
US	6,787,839	9/7/2004	10/145,435	5/14/2002	MOSAID Technologies Incorporated
US	6,790,292	9/14/2004	10/262,443	9/30/2002	MOSAID Technologies Incorporated
US	6,790,721	9/14/2004	09/905,633	7/13/2001	MOSAID Technologies Incorporated
US	6,794,100	9/21/2004	09/945,316	8/30/2001	MOSAID Technologies Incorporated
US	6,794,255	9/21/2004	09/258,467	2/26/1999	MOSAID Technologies Incorporated
US	6,795,747	9/21/2004	10/122,786	4/15/2002	MOSAID Technologies Incorporated
US	6,798,973	9/28/2004	10/056,797	1/18/2002	658276 N.B. Ltd.
US	6,800,520	10/5/2004	10/234,576	8/30/2002	MOSAID Technologies Incorporated
US	6,800,570	10/5/2004	10/131,473	4/25/2002	MOSAID Technologies Incorporated
US	6,800,937	10/5/2004	10/075,863	2/12/2002	MOSAID Technologies Incorporated
US	6,803,155	10/12/2004	09/917,697	7/31/2001	MOSAID Technologies Incorporated
US	6,803,782	10/12/2004	10/395,656	3/21/2003	MOSAID Technologies Incorporated
US	6,804,706	10/12/2004	10/291,136	11/9/2002	MOSAID Technologies Incorporated
US	6,806,197	10/19/2004	09/924,816	8/7/2001	MOSAID Technologies Incorporated
US	6,806,737	10/19/2004	10/395,318	3/21/2003	MOSAID Technologies Incorporated
US	6,809,918	10/26/2004	10/735,897	12/16/2003	MOSAID Technologies Incorporated

US	6,812,090	11/2/2004	10/682,489	10/10/2003	MOSAID Technologies Incorporated
US	6,812,109	11/2/2004	10/372,813	2/26/2003	MOSAID Technologies Incorporated
US	6,813,136	11/2/2004	10/303,017	11/25/2002	MOSAID Technologies Incorporated
US	6,815,287	11/9/2004	10/437,494	5/14/2003	MOSAID Technologies Incorporated
US	6,816,659	11/9/2004	10/180,461	6/27/2002	MOSAID Technologies Incorporated
US	6,822,920	11/23/2004	10/639,922	8/12/2003	MOSAID Technologies Incorporated
US	6,827,824	12/7/2004	08/631,465	4/12/1996	MOSAID Technologies Incorporated
US	6,828,617	12/7/2004	10/142,773	5/13/2002	MOSAID Technologies Incorporated
US	6,833,576	12/21/2004	10/002,779	10/29/2001	MOSAID Technologies Incorporated
US	6,836,000	12/28/2004	09/515,760	3/1/2000	MOSAID Technologies Incorporated
US	6,839,328	1/4/2005	10/356,089	1/31/2003	MOSAID Technologies Incorporated
US	6,839,882	1/4/2005	10/162,536	6/3/2002	MOSAID Technologies Incorporated
US	6,840,988	1/11/2005	10/365,204	2/11/2003	MOSAID Technologies Incorporated
US	6,841,525	1/11/2005	09/935,234	8/22/2001	MOSAID Technologies Incorporated
US	6,842,459	1/11/2005	09/552,564	4/19/2000	MOSAID Technologies Incorporated
US	6,844,230	1/18/2005	10/082,594	2/22/2002	MOSAID Technologies Incorporated
US	6,844,261	1/18/2005	10/322,264	12/17/2002	MOSAID Technologies Incorporated
US	6,847,573	1/25/2005	10/608,719	6/26/2003	MOSAID Technologies Incorporated
US	6,850,448	2/1/2005	10/386,148	3/11/2003	MOSAID Technologies Incorporated
US	6,852,456	2/8/2005	10/122,555	4/15/2002	MOSAID Technologies Incorporated
US	6,853,206	2/8/2005	10/736,356	12/15/2003	MOSAID Technologies Incorporated
US	6,853,231	2/8/2005	10/402,130	3/31/2003	MOSAID Technologies Incorporated
US	6,853,790	2/8/2005	10/019,479	7/3/2000	MOSAID Technologies Incorporated
US	6,856,595	2/15/2005	09/574,621	5/19/2000	MOSAID Technologies Incorporated
US	6,858,120	2/22/2005	10/217,212	8/9/2002	MOSAID Technologies Incorporated
US	6,858,536	2/22/2005	10/313,088	12/5/2002	MOSAID Technologies Incorporated
US	6,858,891	2/22/2005	10/315,511	12/9/2002	MOSAID Technologies Incorporated

US	6,861,007	3/1/2005	09/798,806	3/2/2001	MOSAID Technologies Incorporated
US	6,861,693	3/1/2005	09/373,355	8/12/1999	MOSAID Technologies Incorporated
US	6,866,049	3/15/2005	10/346,980	1/16/2003	MOSAID Technologies Incorporated
US	6,867,093	3/15/2005	10/430,456	5/6/2003	MOSAID Technologies Incorporated
US	6,867,449	3/15/2005	10/430,457	5/6/2003	MOSAID Technologies Incorporated
US	6,867,902	3/15/2005	10/135,772	5/1/2002	MOSAID Technologies Incorporated
US	6,872,794	3/29/2005	10/268,717	10/11/2002	MOSAID Technologies Incorporated
US	6,873,532	3/29/2005	10/351,593	1/27/2003	MOSAID Technologies Incorporated
US	6,873,568	3/29/2005	10/337,972	1/7/2003	MOSAID Technologies Incorporated
US	6,884,462	4/26/2005	10/836,053	4/30/2004	MOSAID Technologies Incorporated
US	6,884,673	4/26/2005	10/160,646	5/31/2002	MOSAID Technologies Incorporated
US	6,884,677	4/26/2005	10/449,640	6/2/2003	MOSAID Technologies Incorporated
US	6,885,542	4/26/2005	10/932,503	9/2/2004	MOSAID Technologies Incorporated
US	6,888,730	5/3/2005	10/084,619	2/28/2002	MOSAID Technologies Incorporated
US	6,888,731	5/3/2005	10/306,734	11/29/2002	MOSAID Technologies Incorporated
US	6,890,865	5/10/2005	10/423,210	4/25/2003	MOSAID Technologies Incorporated
US	6,891,772	5/10/2005	10/804,182	3/19/2004	MOSAID Technologies Incorporated
US	6,892,279	5/10/2005	10/444,600	5/27/2003	MOSAID Technologies Incorporated
US	6,892,318	5/10/2005	10/375,994	2/27/2003	MOSAID Technologies Incorporated
US	6,895,474	5/17/2005	10/133,386	4/29/2002	MOSAID Technologies Incorporated
US	6,900,496	5/31/2005	08/886,388	7/1/1997	MOSAID Technologies Incorporated
US	6,908,639	6/21/2005	09/825,087	4/2/2001	MOSAID Technologies Incorporated
US	6,909,929	6/21/2005	10/293,160	11/12/2002	MOSAID Technologies Incorporated
US	6,910,152	6/21/2005	09/932,403	8/17/2001	MOSAID Technologies Incorporated
US	6,911,173	6/28/2005	10/455,091	6/5/2003	MOSAID Technologies Incorporated
US	6,916,380	7/12/2005	10/871,965	6/18/2004	MOSAID Technologies Incorporated
US	6,918,960	7/19/2005	09/997,073	11/28/2001	MOSAID Technologies Incorporated

US	6,927,067	8/9/2005	10/771,043	2/3/2004	MOSAID Technologies Incorporated
US	6,927,143	8/9/2005	10/681,344	10/9/2003	MOSAID Technologies Incorporated
US	6,927,340	8/9/2005	10/451,544	9/25/2001	MOSAID Technologies Incorporated
US	6,930,503	8/16/2005	10/835,945	4/30/2004	MOSAID Technologies Incorporated
US	6,931,011	8/16/2005	09/773,073	1/31/2001	MOSAID Technologies Incorporated
US	6,937,056	8/30/2005	10/380,538	9/12/2001	MOSAID Technologies Incorporated
US	6,937,672	8/30/2005	09/515,224	2/29/2000	MOSAID Technologies Incorporated
US	6,940,328	9/6/2005	10/229,790	8/28/2002	MOSAID Technologies Incorporated
US	6,943,090	9/13/2005	10/819,025	4/6/2004	MOSAID Technologies Incorporated
US	6,956,826	10/18/2005	09/349,020	7/7/1999	MOSAID Technologies Incorporated
US	6,958,901	10/25/2005	10/853,851	5/25/2004	MOSAID Technologies Incorporated
US	6,959,346	10/25/2005	09/741,829	12/22/2000	MOSAID Technologies Incorporated
US	6,961,303	11/1/2005	09/666,856	9/21/2000	MOSAID Technologies Incorporated
US	6,966,810	11/22/2005	10/658,468	9/10/2003	MOSAID Technologies Incorporated
US	6,967,134	11/22/2005	10/339,695	1/8/2003	MOSAID Technologies Incorporated
US	6,967,523	11/22/2005	09/966,391	9/28/2001	MOSAID Technologies Incorporated
US	6,970,006	11/29/2005	10/965,513	10/14/2004	MOSAID Technologies Incorporated
US	6,970,538	11/29/2005	10/773,247	2/9/2004	MOSAID Technologies Incorporated
US	6,973,008	12/6/2005	10/834,416	4/29/2004	MOSAID Technologies Incorporated
US	6,977,225	12/20/2005	10/706,244	11/12/2003	MOSAID Technologies Incorporated
US	6,981,100	12/27/2005	10/972,324	10/26/2004	MOSAID Technologies Incorporated
US	6,987,682	1/17/2006	10/258,580	5/1/2001	MOSAID Technologies Incorporated
US	6,990,552	1/24/2006	10/286,743	10/31/2002	MOSAID Technologies Incorporated
US	6,992,950	1/31/2006	10/645,330	8/21/2003	MOSAID Technologies Incorporated
US	6,992,972	1/31/2006	10/410,375	4/9/2003	MOSAID Technologies Incorporated
US	7,002,824	2/21/2006	10/912,768	8/5/2004	MOSAID Technologies Incorporated
US	7,002,844	2/21/2006	10/864,173	6/8/2004	MOSAID Technologies Incorporated

US	7,006,227	2/8/2006	10/417,191	4/17/2003	MOSAID Technologies Incorporated
US	7,006,368	2/28/2006	10/702,489	11/7/2003	MOSAID Technologies Incorporated
US	7,006,523	2/28/2006	10/917,494	8/13/2004	MOSAID Technologies Incorporated
US	7,006,744	2/28/2006	10/415,128	10/26/2001	MOSAID Technologies Incorporated
US	7,007,071	2/28/2006	09/624,276	7/24/2000	MOSAID Technologies Incorporated
US	7,008,738	3/7/2006	10/847,337	5/18/2004	MOSAID Technologies Incorporated
US	7,008,885	3/7/2006	10/913,555	8/6/2004	MOSAID Technologies Incorporated
US	7,009,240	3/7/2006	09/598,355	6/21/2000	MOSAID Technologies Incorporated
US	7,009,419	3/7/2006	10/687,165	10/16/2003	MOSAID Technologies Incorporated
US	7,010,713	3/7/2006	10/352,372	1/27/2003	MOSAID Technologies Incorporated
US	7,011,733	3/14/2006	10/858,307	6/1/2004	MOSAID Technologies Incorporated
US	7,012,294	3/14/2006	11/203,046	8/12/2005	MOSAID Technologies Incorporated
US	7,012,850	3/14/2006	11/101,413	4/8/2005	MOSAID Technologies Incorporated
US	7,015,528	3/21/2006	10/807,952	3/23/2004	MOSAID Technologies Incorporated
US	7,016,368	3/21/2006	10/178,223	6/25/2002	MOSAID Technologies Incorporated
US	7,023,043	4/4/2006	10/039,215	1/3/2002	MOSAID Technologies Incorporated
US	7,027,407	4/11/2006	09/760,583	1/16/2001	MOSAID Technologies Incorporated
US	7,033,554	4/25/2006	10/123,441	4/15/2002	MOSAID Technologies Incorporated
US	7,035,157	4/25/2006	10/940,231	9/14/2004	MOSAID Technologies Incorporated
US	7,035,280	4/25/2006	10/795,986	3/10/2004	MOSAID Technologies Incorporated
US	7,038,263	5/2/2006	10/850,664	5/21/2004	MOSAID Technologies Incorporated
US	7,038,517	5/2/2006	11/037,365	1/19/2005	MOSAID Technologies Incorporated
US	7,038,945	5/2/2006	10/841,785	5/7/2004	MOSAID Technologies Incorporated
US	7,041,341	5/9/2006	10/945,535	9/20/2004	MOSAID Technologies Incorporated
US	7,042,771	5/9/2006	10/946,016	9/22/2004	MOSAID Technologies Incorporated
US	7,043,600	5/9/2006	10/249,842	5/12/2003	MOSAID Technologies Incorporated
US	7,045,834	5/16/2006	10/059,727	1/29/2002	MOSAID Technologies Incorporated

US	7,046,340	5/16/2006	10/870,561	6/16/2004	MOSAID Technologies Incorporated
US	7,051,306	5/23/2006	10/840,893	5/7/2004	MOSAID Technologies Incorporated
US	7,051,308	5/23/2006	10/162,120	6/3/2002	MOSAID Technologies Incorporated
US	7,052,953	5/30/2006	10/914,888	8/9/2004	MOSAID Technologies Incorporated
US	7,054,995	5/30/2006	10/249,598	4/23/2003	MOSAID Technologies Incorporated
US	7,056,447	6/6/2006	10/672,816	9/26/2003	MOSAID Technologies Incorporated
US	7,061,817	6/13/2006	10/883,619	6/30/2004	MOSAID Technologies Incorporated
US	7,062,601	6/13/2006	10/430,378	5/7/2003	MOSAID Technologies Incorporated
US	7,068,066	6/27/2006	11/100,453	4/7/2005	MOSAID Technologies Incorporated
US	7,071,120	7/4/2006	10/392,114	3/18/2003	MOSAID Technologies Incorporated
US	7,071,510	7/4/2006	11/079,216	3/15/2005	MOSAID Technologies Incorporated
US	7,071,534	7/4/2006	10/931,714	9/1/2004	MOSAID Technologies Incorporated
US	7,075,848	7/11/2006	10/889,194	7/12/2004	MOSAID Technologies Incorporated
US	7,081,385	7/25/2006	10/822,113	4/8/2004	MOSAID Technologies Incorporated
US	7,081,966	7/25/2006	10/731,764	12/9/2003	MOSAID Technologies Incorporated
US	7,082,058	7/25/2006	10/991,042	11/16/2004	MOSAID Technologies Incorporated
US	7,084,675	8/1/2006	10/818,692	4/6/2004	MOSAID Technologies Incorporated
US	7,084,684	8/1/2006	10/860,947	6/4/2004	MOSAID Technologies Incorporated
US	7,088,152	8/8/2006	10/848,913	5/18/2004	MOSAID Technologies Incorporated
US	7,089,438	8/8/2006	10/179,882	6/25/2002	MOSAID Technologies Incorporated
US	7,095,666	8/22/2006	10/691,111	10/22/2003	MOSAID Technologies Incorporated
US	7,095,756	8/22/2006	10/986,299	11/12/2004	MOSAID Technologies Incorporated
US	7,098,825	8/29/2006	11/118,229	4/28/2005	MOSAID Technologies Incorporated
US	7,105,475	9/12/2006	10/859,815	6/3/2004	MOSAID Technologies Incorporated
US	7,105,881	9/12/2006	10/325,159	12/19/2002	MOSAID Technologies Incorporated
US	7,106,721	9/12/2006	09/594,765	6/16/2000	MOSAID Technologies Incorporated
US	7,109,418	9/19/2006	11/006,582	12/8/2004	MOSAID Technologies Incorporated

US	7,111,179	9/19/2006	10/268,914	10/11/2002	MOSAID Technologies Incorporated
US	7,113,425	9/26/2006	10/976,626	10/29/2004	MOSAID Technologies Incorporated
US	7,116,042	10/3/2006	10/314,228	12/9/2002	MOSAID Technologies Incorporated
US	7,116,141	10/3/2006	10/227,547	8/26/2002	MOSAID Technologies Incorporated
US	7,116,469	10/3/2006	10/499,020	12/21/2001	MOSAID Technologies Incorporated
US	7,119,594	10/10/2006	10/798,484	3/12/2004	MOSAID Technologies Incorporated
US	7,120,040	10/10/2006	10/856,783	6/1/2004	MOSAID Technologies Incorporated
US	7,120,055	10/10/2006	11/367,922	3/3/2006	MOSAID Technologies Incorporated
US	7,120,754	10/10/2006	11/268,760	11/8/2005	MOSAID Technologies Incorporated
US	7,123,056	10/17/2006	10/730,002	12/9/2003	MOSAID Technologies Incorporated
US	7,123,512	10/17/2006	10/199,725	7/19/2002	MOSAID Technologies Incorporated
US	7,123,701	10/17/2006	10/827,349	4/20/2004	MOSAID Technologies Incorporated
US	7,123,789	10/17/2006	10/493,570	10/26/2001	MOSAID Technologies Incorporated
US	7,124,268	10/17/2006	11/263,144	10/31/2005	MOSAID Technologies Incorporated
US	7,127,319	10/24/2006	10/932,771	9/2/2004	MOSAID Technologies Incorporated
US	7,129,760	10/31/2006	11/205,082	8/17/2005	MOSAID Technologies Incorporated
US	7,133,588	11/7/2006	10/506,542	3/6/2002	MOSAID Technologies Incorporated
US	7,142,462	11/28/2006	10/919,370	8/17/2004	MOSAID Technologies Incorporated
US	7,145,716	12/5/2006	10/538,846	12/19/2002	MOSAID Technologies Incorporated
US	7,151,659	12/19/2006	11/038,602	1/18/2005	MOSAID Technologies Incorporated
US	7,154,780	12/26/2006	11/206,529	8/18/2005	MOSAID Technologies Incorporated
US	7,154,781	12/26/2006	11/207,017	8/18/2005	MOSAID Technologies Incorporated
US	7,154,782	12/26/2006	11/207,105	8/18/2005	MOSAID Technologies Incorporated
US	7,160,817	1/9/2007	09/945,393	8/30/2001	MOSAID Technologies Incorporated
US	7,161,205	1/9/2007	10/992,963	11/18/2004	MOSAID Technologies Incorporated
US	7,170,806	1/30/2007	11/367,467	3/3/2006	MOSAID Technologies Incorporated
US	7,176,109	2/13/2007	09/816,962	3/23/2001	MOSAID Technologies Incorporated

US	7,176,139	2/13/2007	10/426,988	4/30/2003	MOSAID Technologies Incorporated
US	7,176,733	2/13/2007	11/009,534	12/10/2004	MOSAID Technologies Incorporated
US	7,176,747	2/13/2007	10/940,808	8/24/2004	MOSAID Technologies Incorporated
US	7,177,511	2/13/2007	10/415,474	10/23/2001	MOSAID Technologies Incorporated
US	7,178,001	2/13/2007	10/855,968	5/28/2004	MOSAID Technologies Incorporated
US	7,184,307	2/27/2007	10/819,385	4/5/2004	MOSAID Technologies Incorporated
US	7,186,643	3/6/2007	10/889,203	7/12/2004	MOSAID Technologies Incorporated
US	7,187,082	3/6/2007	10/942,367	9/15/2004	MOSAID Technologies Incorporated
US	7,187,695	3/6/2007	11/234,314	9/26/2005	MOSAID Technologies Incorporated
US	7,187,868	3/6/2007	10/206,349	7/29/2002	MOSAID Technologies Incorporated
US	7,188,211	3/6/2007	10/724,576	12/1/2003	MOSAID Technologies Incorporated
US	7,190,201	3/13/2007	11/050,644	2/3/2005	MOSAID Technologies Incorporated
US	7,196,266	3/27/2007	11/453,831	6/16/2006	MOSAID Technologies Incorporated
US	7,196,962	3/27/2007	10/937,519	9/9/2004	MOSAID Technologies Incorporated
US	7,197,028	3/27/2007	11/391,489	3/29/2006	MOSAID Technologies Incorporated
US	7,199,632	4/3/2007	11/147,629	6/8/2005	MOSAID Technologies Incorporated
US	7,200,152	4/3/2007	11/190,884	7/28/2005	MOSAID Technologies Incorporated
US	7,205,813	4/17/2007	11/141,568	5/31/2005	MOSAID Technologies Incorporated
US	7,209,607	4/24/2007	10/497,009	11/30/2001	MOSAID Technologies Incorporated
US	7,215,181	5/8/2007	11/025,765	12/28/2004	MOSAID Technologies Incorporated
US	7,216,653	5/15/2007	11/502,011	8/10/2006	MOSAID Technologies Incorporated
US	7,217,377	5/15/2007	10/538,874	12/23/2002	MOSAID Technologies Incorporated
US	7,217,669	5/15/2007	10/888,838	7/12/2004	MOSAID Technologies Incorporated
US	7,218,807	5/15/2007	10/508,515	3/22/2002	MOSAID Technologies Incorporated
US	7,221,679	5/22/2007	11/234,302	9/26/2005	MOSAID Technologies Incorporated
US	7,224,616	5/29/2007	11/166,620	6/24/2005	MOSAID Technologies Incorporated
US	7,227,383	6/5/2007	11/041,687	1/20/2005	MOSAID Technologies Incorporated

US	7,227,766	6/5/2007	11/320,746	12/30/2005	MOSAID Technologies Incorporated
US	7,228,015	6/5/2007	10/533,370	10/30/2003	Co-owned by Massachusetts Institute of Technology & MOSAID Technologies Incorporated
US	7,230,679	6/12/2007	11/397,176	4/4/2006	MOSAID Technologies Incorporated
US	7,232,721	6/19/2007	10/931,396	8/31/2004	MOSAID Technologies Incorporated
US	7,233,070	6/19/2007	10/885,971	7/8/2004	MOSAID Technologies Incorporated
US	7,233,729	6/19/2007	10/506,658	3/6/2002	MOSAID Technologies Incorporated
US	7,236,489	6/26/2007	09/559,190	4/27/2000	MOSAID Technologies Incorporated
US	7,242,517	7/10/2007	10/518,473	7/31/2002	MOSAID Technologies Incorporated
US	7,244,648	7/17/2007	11/375,696	3/13/2006	MOSAID Technologies Incorporated
US	7,247,584	7/24/2007	10/931,592	8/31/2004	MOSAID Technologies Incorporated
US	7,248,531	7/24/2007	11/195,641	8/3/2005	MOSAID Technologies Incorporated
US	7,251,148	7/31/2007	11/269,659	11/9/2005	MOSAID Technologies Incorporated
US	7,253,076	8/7/2007	09/590,795	6/8/2000	MOSAID Technologies Incorporated
US	7,253,944	8/7/2007	10/522,555	7/31/2002	MOSAID Technologies Incorporated
US	7,263,117	8/28/2007	10/409,141	4/9/2003	MOSAID Technologies Incorporated
US	7,266,747	9/4/2007	10/694,761	10/29/2003	MOSAID Technologies Incorporated
US	7,268,078	9/11/2007	11/298,978	12/9/2005	MOSAID Technologies Incorporated
US	7,269,075	9/11/2007	10/337,346	1/7/2003	MOSAID Technologies Incorporated
US	7,273,660	9/25/2007	10/228,404	8/26/2002	MOSAID Technologies Incorporated
US	7,274,688	9/25/2007	11/399,512	4/7/2006	MOSAID Technologies Incorporated
US	7,274,854	9/25/2007	10/518,352	6/27/2002	MOSAID Technologies Incorporated
US	7,275,925	10/2/2007	09/944,488	8/30/2001	MOSAID Technologies Incorporated
US	7,277,334	10/2/2007	11/295,492	12/7/2005	MOSAID Technologies Incorporated
US	7,277,426	10/2/2007	10/156,725	5/24/2002	MOSAID Technologies Incorporated
US	7,279,956	10/9/2007	10/996,739	11/24/2004	MOSAID Technologies Incorporated
US	7,280,403	10/9/2007	11/522,600	9/18/2006	MOSAID Technologies Incorporated
US	7,285,997	10/23/2007	11/699,268	1/29/2007	MOSAID Technologies Incorporated

US	7,286,377	10/23/2007	11/412,960	4/28/2006	MOSAID Technologies Incorporated
US	7,286,480	10/23/2007	10/768,911	1/30/2004	MOSAID Technologies Incorporated
US	7,291,895	11/6/2007	10/391,952	3/18/2003	MOSAID Technologies Incorporated
US	7,292,061	11/6/2007	11/238,975	9/30/2005	MOSAID Technologies Incorporated
US	7,292,600	11/6/2007	10/793,769	3/8/2004	MOSAID Technologies Incorporated
US	7,292,752	11/6/2007	10/578,252	11/5/2003	MOSAID Technologies Incorporated
US	7,299,330	11/20/2007	10/919,491	8/17/2004	MOSAID Technologies Incorporated
US	7,302,135	11/27/2007	10/479,579	5/28/2002	MOSAID Technologies Incorporated
US	7,302,432	11/27/2007	10/625,320	7/23/2003	MOSAID Technologies Incorporated
US	7,304,876	12/4/2007	11/534,873	9/25/2006	MOSAID Technologies Incorporated
US	7,307,722	12/11/2007	10/485,221	7/30/2002	MOSAID Technologies Incorporated
US	7,309,655	12/18/2007	11/518,080	9/8/2006	MOSAID Technologies Incorporated
US	7,312,636	12/25/2007	11/347,289	2/6/2006	MOSAID Technologies Incorporated
US	7,313,135	12/25/2007	10/066,550	1/31/2002	MOSAID Technologies Incorporated
US	7,314,837	1/1/2008	11/333,629	12/29/2005	MOSAID Technologies Incorporated
US	7,317,793	1/8/2008	10/403,526	4/1/2003	MOSAID Technologies Incorporated
US	7,318,123	1/8/2008	11/107,958	4/18/2005	MOSAID Technologies Incorporated
US	7,319,062	1/15/2008	09/842,049	4/26/2001	MOSAID Technologies Incorporated
US	7,324,267	1/29/2008	10/518,855	6/28/2002	MOSAID Technologies Incorporated
US	7,324,721	1/29/2008	10/565,590	7/24/2003	MOSAID Technologies Incorporated
US	7,332,427	2/19/2008	11/020,277	12/27/2004	MOSAID Technologies Incorporated
US	7,334,093	2/19/2008	11/673,703	2/12/2007	MOSAID Technologies Incorporated
US	7,336,096	2/26/2008	11/346,396	2/3/2006	MOSAID Technologies Incorporated
US	7,336,543	2/26/2008	11/358,767	2/21/2006	MOSAID Technologies Incorporated
US	7,336,752	2/26/2008	10/335,535	12/31/2002	MOSAID Technologies Incorporated
US	7,342,174	3/11/2008	11/716,683	3/12/2007	MOSAID Technologies Incorporated
US	7,346,239	3/18/2008	10/506,769	3/6/2002	MOSAID Technologies Incorporated

US	7,348,804	3/25/2008	11/732,181	4/2/2007	MOSAID Technologies Incorporated
US	7,349,513	3/25/2008	10/702,502	11/7/2003	MOSAID Technologies Incorporated
US	7,351,667	4/1/2008	11/580,937	10/16/2006	MOSAID Technologies Incorporated
US	7,352,760	4/1/2008	10/880,432	6/29/2004	MOSAID Technologies Incorporated
US	7,353,330	4/1/2008	10/425,957	4/30/2003	MOSAID Technologies Incorporated
US	7,356,219	4/8/2008	10/541,071	12/31/2002	MOSAID Technologies Incorporated
US	7,359,248	4/15/2008	11/481,022	7/6/2006	MOSAID Technologies Incorporated
US	7,362,640	4/22/2008	11/319,451	12/29/2005	MOSAID Technologies Incorporated
US	7,369,451	5/6/2008	11/261,493	10/31/2005	MOSAID Technologies Incorporated
US	7,372,766	5/13/2008	11/496,401	8/1/2006	MOSAID Technologies Incorporated
US	7,382,178	6/3/2008	11/900,971	9/14/2007	MOSAID Technologies Incorporated
US	7,382,638	6/3/2008	11/774,881	7/9/2007	MOSAID Technologies Incorporated
US	7,385,858	6/10/2008	11/289,428	11/30/2005	MOSAID Technologies Incorporated
US	7,386,705	6/10/2008	10/228,933	8/27/2002	MOSAID Technologies Incorporated
US	7,390,712	6/24/2008	11/796,773	4/30/2007	MOSAID Technologies Incorporated
US	7,391,247	6/24/2008	11/550,245	10/17/2006	MOSAID Technologies Incorporated
US	7,397,791	7/8/2008	11/026,014	1/3/2005	MOSAID Technologies Incorporated
US	7,403,976	7/22/2008	11/323,814	12/29/2005	MOSAID Technologies Incorporated
US	7,408,391	8/5/2008	11/636,876	12/11/2006	MOSAID Technologies Incorporated
US	7,415,680	8/19/2008	11/336,097	1/20/2006	MOSAID Technologies Incorporated
US	7,424,031	9/9/2008	11/708,545	2/21/2007	MOSAID Technologies Incorporated
US	7,436,842	10/14/2008	10/492,085	10/11/2001	MOSAID Technologies Incorporated
US	7,443,197	10/28/2008	11/998,725	11/30/2007	MOSAID Technologies Incorporated
US	7,447,144	11/4/2008	11/187,994	7/25/2005	MOSAID Technologies Incorporated
US	7,450,444	11/11/2008	11/367,589	3/6/2006	MOSAID Technologies Incorporated
US	7,453,284	11/18/2008	12/026,321	2/5/2008	MOSAID Technologies Incorporated
US	7,453,895	11/18/2008	11/312,472	12/21/2005	MOSAID Technologies Incorporated

US	7,456,666	11/25/2008	11/495,212	7/28/2006	MOSAID Technologies Incorporated
US	7,459,949	12/2/2008	11/668,862	1/30/2007	MOSAID Technologies Incorporated
US	7,466,722	12/16/2008	10/909,301	8/3/2004	MOSAID Technologies Incorporated
US	7,467,334	12/16/2008	11/108,651	4/11/2005	MOSAID Technologies Incorporated
US	7,477,716	1/13/2009	10/647,664	8/25/2003	MOSAID Technologies Incorporated
US	7,478,193	1/13/2009	11/419,374	5/19/2006	MOSAID Technologies Incorporated
US	7,480,233	1/20/2009	11/125,200	5/10/2005	MOSAID Technologies Incorporated
US	7,483,524	1/27/2009	10/975,020	10/28/2004	MOSAID Technologies Incorporated
US	7,484,063	1/27/2009	11/582,160	10/16/2006	MOSAID Technologies Incorporated
US	7,486,580	2/3/2009	11/476,422	6/28/2006	MOSAID Technologies Incorporated
US	7,489,709	2/10/2009	11/782,856	7/25/2007	MOSAID Technologies Incorporated
US	7,492,656	2/17/2009	11/412,783	4/28/2006	MOSAID Technologies Incorporated
US	7,492,658	2/17/2009	11/930,292	10/31/2007	MOSAID Technologies Incorporated
US	7,492,875	2/17/2009	11/020,193	12/27/2004	MOSAID Technologies Incorporated
US	7,499,361	3/3/2009	11/835,663	8/8/2007	MOSAID Technologies Incorporated
US	7,501,334	3/10/2009	11/626,276	1/23/2007	MOSAID Technologies Incorporated
US	7,502,245	3/10/2009	11/787,667	4/17/2007	MOSAID Technologies Incorporated
US	7,505,336	3/17/2009	11/844,746	8/24/2007	MOSAID Technologies Incorporated
US	7,505,490	3/17/2009	10/573,892	9/30/2003	MOSAID Technologies Incorporated
US	7,508,256	3/24/2009	11/433,158	5/12/2006	MOSAID Technologies Incorporated
US	7,508,724	3/24/2009	11/565,327	11/30/2006	MOSAID Technologies Incorporated
US	7,509,469	3/24/2009	11/673,834	2/12/2007	MOSAID Technologies Incorporated
US	7,511,980	3/31/2009	11/747,428	5/11/2007	MOSAID Technologies Incorporated
US	7,511,996	3/31/2009	11/565,170	11/30/2006	MOSAID Technologies Incorporated
US	7,515,471	4/7/2009	11/583,354	10/19/2006	MOSAID Technologies Incorporated
US	7,521,943	4/21/2009	11/091,371	3/29/2005	MOSAID Technologies Incorporated
US	7,522,615	4/21/2009	10/491,989	4/7/2004	MOSAID Technologies Incorporated

US	7,522,713	4/21/2009	11/100,461	4/7/2005	MOSAID Technologies Incorporated
US	7,522,714	4/21/2009	11/338,855	1/25/2006	MOSAID Technologies Incorporated
US	7,528,360	5/5/2009	11/661,416	9/6/2005	MOSAID Technologies Incorporated
US	7,529,149	5/5/2009	11/637,175	12/12/2006	MOSAID Technologies Incorporated
US	7,532,050	5/12/2009	11/906,872	10/4/2007	MOSAID Technologies Incorporated
US	7,541,837	6/2/2009	11/930,527	10/31/2007	MOSAID Technologies Incorporated
US	7,541,880	6/2/2009	11/946,767	11/28/2007	MOSAID Technologies Incorporated
US	7,542,554	6/2/2009	10/469,576	10/15/2001	MOSAID Technologies Incorporated
US	7,546,440	6/9/2009	11/581,887	10/17/2006	MOSAID Technologies Incorporated
US	7,551,012	6/23/2009	11/691,849	3/27/2007	MOSAID Technologies Incorporated
US	7,551,492	6/23/2009	11/715,838	3/8/2007	MOSAID Technologies Incorporated
US	7,554,855	6/30/2009	11/613,325	12/20/2006	MOSAID Technologies Incorporated
US	7,555,659	6/30/2009	11/363,251	2/28/2006	MOSAID Technologies Incorporated
US	7,561,454	7/14/2009	11/925,208	10/26/2007	MOSAID Technologies Incorporated
US	7,562,662	7/21/2009	11/736,260	4/17/2007	MOSAID Technologies Incorporated
US	7,567,133	7/28/2009	11/400,495	4/6/2006	MOSAID Technologies Incorporated
US	7,573,919	8/11/2009	10/573,895	11/7/2003	MOSAID Technologies Incorporated
US	7,577,029	8/18/2009	11/966,152	12/28/2007	MOSAID Technologies Incorporated
US	7,577,059	8/18/2009	11/711,043	2/27/2007	MOSAID Technologies Incorporated
US	7,579,548	8/25/2009	11/955,024	12/12/2007	MOSAID Technologies Incorporated
US	7,592,837	9/22/2009	12/284,311	9/19/2008	MOSAID Technologies Incorporated
US	7,593,259	9/22/2009	11/762,330	6/13/2007	MOSAID Technologies Incorporated
US	7,593,281	9/22/2009	11/781,581	7/23/2007	MOSAID Technologies Incorporated
US	7,593,394	9/22/2009	11/857,148	9/18/2007	MOSAID Technologies Incorporated
US	7,596,710	9/29/2009	11/305,433	12/14/2005	MOSAID Technologies Incorporated
US	7,599,246	10/6/2009	11/195,257	8/1/2005	MOSAID Technologies Incorporated
US	7,602,222	10/13/2009	11/238,973	9/30/2005	MOSAID Technologies Incorporated

US	7,605,468	10/20/2009	11/511,652	8/29/2006	MOSAID Technologies Incorporated
US	7,609,573	10/27/2009	12/221,195	7/31/2008	MOSAID Technologies Incorporated
US	7,616,035	11/10/2009	12/214,053	6/16/2008	MOSAID Technologies Incorporated
US	7,630,267	12/8/2009	11/932,451	10/31/2007	MOSAID Technologies Incorporated
US	7,631,116	12/8/2009	11/257,525	10/25/2005	MOSAID Technologies Incorporated
US	7,633,966	12/15/2009	11/128,229	5/13/2005	MOSAID Technologies Incorporated
US	7,636,373	12/22/2009	11/605,336	11/29/2006	MOSAID Technologies Incorporated
US	7,636,880	12/22/2009	11/830,077	7/30/2007	MOSAID Technologies Incorporated
US	7,639,039	12/29/2009	11/866,035	10/2/2007	MOSAID Technologies Incorporated
US	7,639,540	12/29/2009	11/955,754	12/13/2007	MOSAID Technologies Incorporated
US	7,642,836	1/5/2010	11/998,762	11/30/2007	MOSAID Technologies Incorporated
US	7,643,360	1/5/2010	12/366,024	2/5/2009	MOSAID Technologies Incorporated
US	7,646,636	1/12/2010	11/829,410	7/27/2007	MOSAID Technologies Incorporated
US	7,652,922	1/26/2010	11/324,023	12/30/2005	MOSAID Technologies Incorporated
US	7,652,932	1/26/2010	11/780,231	7/19/2007	MOSAID Technologies Incorporated
US	7,653,015	1/26/2010	11/485,359	7/13/2006	MOSAID Technologies Incorporated
US	7,656,223	2/2/2010	12/193,077	8/18/2008	MOSAID Technologies Incorporated
US	7,656,904	2/2/2010	11/709,128	2/22/2007	MOSAID Technologies Incorporated
US	7,656,988	2/2/2010	12/315,289	12/2/2008	MOSAID Technologies Incorporated
US	7,661,010	2/9/2010	11/536,709	9/29/2006	MOSAID Technologies Incorporated
US	7,669,068	2/23/2010	11/449,499	6/7/2006	MOSAID Technologies Incorporated
US	7,671,650	3/2/2010	12/144,186	6/23/2008	MOSAID Technologies Incorporated
US	7,671,651	3/2/2010	11/512,155	8/30/2006	MOSAID Technologies Incorporated
US	7,675,925	3/9/2010	10/614,558	7/7/2003	MOSAID Technologies Incorporated
US	7,679,418	3/16/2010	11/741,383	4/27/2007	MOSAID Technologies Incorporated
US	7,679,976	3/16/2010	12/391,810	2/24/2009	MOSAID Technologies Incorporated
US	7,680,255	3/16/2010	10/988,565	11/16/2004	MOSAID Technologies Incorporated

US	7,684,262	3/23/2010	11/741,647	4/27/2007	MOSAID Technologies Incorporated
US	7,685,393	3/23/2010	11/477,659	6/30/2006	MOSAID Technologies Incorporated
US	7,686,653	3/30/2010	11/588,282	10/27/2006	MOSAID Technologies Incorporated
US	7,688,610	3/30/2010	12/368,473	2/10/2009	MOSAID Technologies Incorporated
US	7,688,652	3/30/2010	11/779,587	7/18/2007	MOSAID Technologies Incorporated
US	7,688,841	3/30/2010	11/514,140	9/1/2006	MOSAID Technologies Incorporated
US	7,690,949	4/6/2010	11/588,270	10/27/2006	MOSAID Technologies Incorporated
US	7,692,461	4/6/2010	12/317,877	12/30/2008	MOSAID Technologies Incorporated
US	7,692,994	4/6/2010	12/349,756	1/7/2009	MOSAID Technologies Incorporated
US	7,696,777	4/13/2010	12/252,025	10/15/2008	MOSAID Technologies Incorporated
US	7,701,753	4/20/2010	12/341,316	12/22/2008	MOSAID Technologies Incorporated
US	7,702,095	4/20/2010	11/287,335	11/28/2005	MOSAID Technologies Incorporated
US	7,705,642	4/27/2010	11/703,634	2/8/2007	MOSAID Technologies Incorporated
US	7,706,188	4/27/2010	12/371,088	2/13/2009	MOSAID Technologies Incorporated
US	7,715,441	5/11/2010	11/128,383	5/13/2005	MOSAID Technologies Incorporated
US	7,715,534	5/11/2010	11/434,927	5/17/2006	MOSAID Technologies Incorporated
US	7,719,892	5/18/2010	12/179,835	7/25/2008	MOSAID Technologies Incorporated
US	7,723,907	5/25/2010	11/507,027	8/21/2006	MOSAID Technologies Incorporated
US	7,729,166	6/1/2010	12/166,876	7/2/2008	MOSAID Technologies Incorporated
US	7,738,453	6/15/2010	11/709,199	2/22/2007	MOSAID Technologies Incorporated
US	7,742,551	6/22/2010	11/495,609	7/31/2006	MOSAID Technologies Incorporated
US	7,743,108	6/22/2010	12/139,007	6/13/2008	MOSAID Technologies Incorporated
US	7,746,136	6/29/2010	12/284,763	9/25/2008	MOSAID Technologies Incorporated
US	7,746,905	6/29/2010	10/492,411	2/24/2004	MOSAID Technologies Incorporated
US	7,747,833	6/29/2010	11/643,850	12/22/2006	MOSAID Technologies Incorporated
US	7,750,695	7/6/2010	11/264,283	10/31/2005	MOSAID Technologies Incorporated
US	7,751,262	7/6/2010	12/249,413	10/10/2008	MOSAID Technologies Incorporated

US	7,751,272	7/6/2010	12/025,866	2/5/2008	MOSAID Technologies Incorporated
US	7,752,364	7/6/2010	11/942,173	11/19/2007	MOSAID Technologies Incorporated
US	7,756,268	7/13/2010	12/042,576	3/5/2008	MOSAID Technologies Incorporated
US	7,761,831	7/20/2010	11/322,160	12/29/2005	MOSAID Technologies Incorporated
US	7,765,376	7/27/2010	11/978,896	10/30/2007	MOSAID Technologies Incorporated
US	7,768,859	8/3/2010	12/038,855	2/28/2008	MOSAID Technologies Incorporated
US	7,769,030	8/3/2010	11/001,057	12/2/2004	MOSAID Technologies Incorporated
US	7,774,537	8/10/2010	12/030,235	2/13/2008	MOSAID Technologies Incorporated
US	7,778,107	8/17/2010	12/416,512	4/1/2009	MOSAID Technologies Incorporated
US	7,781,819	8/24/2010	12/270,286	11/13/2008	MOSAID Technologies Incorporated
US	7,791,175	9/7/2010	12/236,874	9/24/2008	MOSAID Technologies Incorporated
US	7,796,462	9/14/2010	12/034,686	2/21/2008	MOSAID Technologies Incorporated
US	7,802,064	9/21/2010	11/693,027	3/29/2007	MOSAID Technologies Incorporated
US	7,804,718	9/28/2010	11/779,685	7/18/2007	MOSAID Technologies Incorporated
US	7,804,834	9/28/2010	11/804,381	5/18/2007	MOSAID Technologies Incorporated
US	7,813,034	10/12/2010	11/802,011	5/18/2007	MOSAID Technologies Incorporated
US	7,813,212	10/12/2010	12/042,551	3/5/2008	MOSAID Technologies Incorporated
US	7,817,470	10/19/2010	11/944,535	11/23/2007	MOSAID Technologies Incorporated
US	7,817,484	10/19/2010	12/623,899	11/23/2009	MOSAID Technologies Incorporated
US	7,818,464	10/19/2010	11/567,551	12/6/2006	MOSAID Technologies Incorporated
US	7,821,827	10/26/2010	12/463,759	5/11/2009	MOSAID Technologies Incorporated
US	7,826,294	11/2/2010	12/275,701	11/21/2008	MOSAID Technologies Incorporated
US	7,829,788	11/9/2010	12/512,705	7/30/2009	MOSAID Technologies Incorporated
US	7,830,858	11/9/2010	11/264,011	11/2/2005	MOSAID Technologies Incorporated
US	7,830,877	11/9/2010	11/839,184	8/15/2007	MOSAID Technologies Incorporated
US	7,834,654	11/16/2010	12/134,451	6/6/2008	MOSAID Technologies Incorporated
US	7,835,386	11/16/2010	11/837,239	8/10/2007	MOSAID Technologies Incorporated

US	7,836,340	11/16/2010	11/941,131	11/16/2007	MOSAID Technologies Incorporated
US	7,839,689	11/23/2010	12/115,784	5/6/2008	MOSAID Technologies Incorporated
US	7,843,799	11/30/2010	12/333,617	12/12/2008	MOSAID Technologies Incorporated
US	7,847,403	12/7/2010	11/806,562	6/1/2007	MOSAID Technologies Incorporated
US	7,852,874	12/14/2010	12/124,860	5/21/2008	MOSAID Technologies Incorporated
US	7,853,727	12/14/2010	11/692,446	3/28/2007	MOSAID Technologies Incorporated
US	7,859,930	12/28/2010	12/562,452	9/18/2009	MOSAID Technologies Incorporated
US	7,860,084	12/28/2010	12/018,310	1/23/2008	MOSAID Technologies Incorporated
US	7,860,359	12/28/2010	11/629,305	6/21/2004	MOSAID Technologies Incorporated
US	7,863,746	1/4/2011	11/882,805	8/6/2007	MOSAID Technologies Incorporated
US	7,863,954	1/4/2011	12/687,541	1/14/2010	MOSAID Technologies Incorporated
US	7,865,685	1/4/2011	12/371,255	2/13/2009	MOSAID Technologies Incorporated
US	7,865,756	1/4/2011	11/959,996	12/19/2007	MOSAID Technologies Incorporated
US	7,867,035	1/11/2011	10/836,267	5/3/2004	MOSAID Technologies Incorporated
US	7,868,808	1/11/2011	12/700,370	2/4/2010	MOSAID Technologies Incorporated
US	7,869,475	1/11/2011	12/306,543	7/12/2006	MOSAID Technologies Incorporated
US	7,870,435	1/11/2011	12/336,371	12/16/2008	MOSAID Technologies Incorporated
US	7,871,760	1/18/2011	11/886,770	3/31/2005	MOSAID Technologies Incorporated
US	7,872,921	1/18/2011	12/474,056	5/28/2009	MOSAID Technologies Incorporated
US	7,873,058	1/18/2011	12/018,371	1/23/2008	MOSAID Technologies Incorporated
US	7,873,062	1/18/2011	11/708,540	2/21/2007	MOSAID Technologies Incorporated
US	7,876,767	1/25/2011	11/121,075	5/4/2005	MOSAID Technologies Incorporated
US	7,881,462	2/1/2011	12/045,350	3/10/2008	MOSAID Technologies Incorporated
US	7,885,140	2/8/2011	12/032,249	2/15/2008	MOSAID Technologies Incorporated
US	7,888,261	2/15/2011	12/553,691	9/3/2009	MOSAID Technologies Incorporated
US	7,889,578	2/15/2011	11/873,475	10/17/2007	MOSAID Technologies Incorporated
US	7,889,580	2/15/2011	12/651,707	1/4/2010	MOSAID Technologies Incorporated

US	7,889,720	2/15/2011	12/181,738	7/29/2008	MOSAID Technologies Incorporated
US	7,889,826	2/15/2011	12/026,813	2/6/2008	MOSAID Technologies Incorporated
US	7,889,972	2/15/2011	10/921,491	8/19/2004	658276 N.B. Ltd.
US	7,893,725	2/22/2011	12/638,309	12/15/2009	MOSAID Technologies Incorporated
US	7,893,737	2/22/2011	12/714,670	3/1/2010	MOSAID Technologies Incorporated
US	7,894,230	2/22/2011	12/429,310	4/24/2009	MOSAID Technologies Incorporated
US	7,894,294	2/22/2011	12/352,009	1/12/2009	MOSAID Technologies Incorporated
US	7,903,477	3/8/2011	12/181,115	7/28/2008	MOSAID Technologies Incorporated
US	7,904,639	3/8/2011	11/840,692	8/17/2007	MOSAID Technologies Incorporated
US	7,907,464	3/15/2011	12/542,296	8/17/2009	MOSAID Technologies Incorporated
US	7,908,427	3/15/2011	12/387,058	4/27/2009	MOSAID Technologies Incorporated
US	7,908,429	3/15/2011	12/832,121	7/8/2010	MOSAID Technologies Incorporated
US	7,909,518	3/22/2011	12/085,323	12/7/2005	MOSAID Technologies Incorporated
US	7,910,177	3/22/2011	11/496,093	7/31/2006	MOSAID Technologies Incorporated
US	7,911,860	3/22/2011	12/698,585	2/2/2010	MOSAID Technologies Incorporated
US	7,911,992	3/22/2011	12/021,912	1/29/2008	MOSAID Technologies Incorporated
US	7,913,128	3/22/2011	12/028,335	2/8/2008	MOSAID Technologies Incorporated
US	7,915,933	3/29/2011	11/606,827	11/30/2006	MOSAID Technologies Incorporated
US	7,916,569	3/29/2011	12/339,946	12/19/2008	MOSAID Technologies Incorporated
US	7,917,031	3/29/2011	11/665,466	10/22/2004	MOSAID Technologies Incorporated
US	7,919,970	4/5/2011	12/031,788	2/15/2008	MOSAID Technologies Incorporated
US	7,923,370	4/12/2011	12/852,082	8/6/2010	MOSAID Technologies Incorporated
US	7,924,635	4/12/2011	12/472,012	5/26/2009	MOSAID Technologies Incorporated
US	7,925,854	4/12/2011	11/771,241	6/29/2007	MOSAID Technologies Incorporated
US	7,929,366	4/19/2011	12/619,157	11/16/2009	MOSAID Technologies Incorporated
US	7,933,297	4/26/2011	10/998,015	11/29/2004	MOSAID Technologies Incorporated
US	7,940,081	5/10/2011	12/542,352	8/17/2009	MOSAID Technologies Incorporated

US	7,940,572	5/10/2011	12/143,285	6/20/2008	MOSAID Technologies Incorporated
US	7,945,755	5/17/2011	12/757,406	4/9/2010	MOSAID Technologies Incorporated
US	7,945,885	5/17/2011	12/176,645	7/21/2008	MOSAID Technologies Incorporated
US	7,952,404	5/31/2011	12/192,215	8/15/2008	MOSAID Technologies Incorporated
US	7,952,923	5/31/2011	12/782,047	5/18/2010	MOSAID Technologies Incorporated
US	7,952,929	5/31/2011	12/026,825	2/6/2008	MOSAID Technologies Incorporated
US	7,953,071	5/31/2011	12/015,810	1/17/2008	MOSAID Technologies Incorporated
US	7,957,173	6/7/2011	12/401,963	3/11/2009	MOSAID Technologies Incorporated
US	7,957,211	6/7/2011	12/878,601	9/9/2010	MOSAID Technologies Incorporated
US	7,965,550	6/21/2011	12/499,577	7/8/2009	MOSAID Technologies Incorporated
US	7,965,735	6/21/2011	11/272,775	11/15/2005	MOSAID Technologies Incorporated
US	7,969,917	6/28/2011	12/633,071	12/8/2009	MOSAID Technologies Incorporated
US	7,977,985	7/12/2011	12/621,983	11/19/2009	MOSAID Technologies Incorporated
US	7,978,518	7/12/2011	12/337,038	12/17/2008	MOSAID Technologies Incorporated
US	7,978,726	7/12/2011	11/514,089	9/1/2006	MOSAID Technologies Incorporated
US	7,982,532	7/19/2011	12/620,749	11/18/2009	MOSAID Technologies Incorporated
US	7,983,099	7/19/2011	12/258,056	10/24/2008	MOSAID Technologies Incorporated
US	7,986,708	7/26/2011	11/782,827	7/25/2007	MOSAID Technologies Incorporated
US	7,990,908	8/2/2011	12/030,418	2/13/2008	MOSAID Technologies Incorporated
US	7,991,925	8/2/2011	12/025,177	2/4/2008	MOSAID Technologies Incorporated
US	7,995,401	8/9/2011	12/888,034	9/22/2010	MOSAID Technologies Incorporated
US	7,996,485	8/9/2011	12/775,696	5/7/2010	MOSAID Technologies Incorporated
US	7,996,811	8/9/2011	12/332,529	12/11/2008	MOSAID Technologies Incorporated
US	8,000,144	8/16/2011	12/732,745	3/26/2010	MOSAID Technologies Incorporated
US	8,000,349	8/16/2011	11/781,005	7/20/2007	MOSAID Technologies Incorporated
US	8,000,430	8/16/2011	11/999,162	12/4/2007	MOSAID Technologies Incorporated
US	8,010,709	8/30/2011	11/624,929	1/19/2007	MOSAID Technologies Incorporated

US	8,010,710	8/30/2011	11/692,326	3/28/2007	MOSAID Technologies Incorporated
US	8,013,646	9/6/2011	12/950,305	11/19/2010	MOSAID Technologies Incorporated
US	8,019,232	9/13/2011	10/592,032	7/9/2007	MOSAID Technologies Incorporated
US	8,023,321	9/20/2011	12/719,413	3/8/2010	MOSAID Technologies Incorporated
US	8,023,822	9/20/2011	11/883,943	2/10/2005	MOSAID Technologies Incorporated
US	8,026,738	9/27/2011	12/368,512	2/10/2009	MOSAID Technologies Incorporated
US	8,031,502	10/4/2011	12/421,112	4/9/2009	MOSAID Technologies Incorporated
US	8,035,413	10/11/2011	12/915,796	10/29/2010	MOSAID Technologies Incorporated
US	8,035,434	10/11/2011	12/750,119	3/30/2010	MOSAID Technologies Incorporated
US	8,037,235	10/11/2011	12/337,841	12/18/2008	MOSAID Technologies Incorporated
US	8,045,365	10/25/2011	12/715,641	3/2/2010	MOSAID Technologies Incorporated
US	8,045,377	10/25/2011	12/635,280	12/10/2009	MOSAID Technologies Incorporated
US	8,045,413	10/25/2011	12/785,051	5/21/2010	MOSAID Technologies Incorporated
US	8,046,527	10/25/2011	12/029,634	2/12/2008	MOSAID Technologies Incorporated
US	RE36,839	8/29/2000	09/212,854	12/16/1998	MOSAID Technologies Incorporated
US	RE37,072	2/27/2001	08/595,020	1/31/1996	MOSAID Technologies Incorporated
US	RE37,944	12/31/2002	09/434,331	11/5/1999	MOSAID Technologies Incorporated
US	RE40,075	2/19/2008	09/654,367	9/1/2000	MOSAID Technologies Incorporated
US	RE40,326	5/20/2008	10/264,013	10/4/2002	MOSAID Technologies Incorporated
US	RE41,565	8/24/2010	11/872,353	10/15//2007	MOSAID Technologies Incorporated
US	unknown	4/22/2008	90/007,195	9/3/2004	MOSAID Technologies Incorporated
US	6,483,852	11/19/2002	09/210,456	12/14/1998	MOSAID Technologies Incorporated
US	5,689,510	11/18/1997	08/307,579	3/30/1993	MOSAID Technologies Incorporated
US	5,638,449	6/10/1997	08/307,578	1/26/1994	MOSAID Technologies Incorporated
US	6,023,457	2/8/2000	08/966,016	11/7/1997	MOSAID Technologies Incorporated
US	6,697,379	2/24/2004	09/312,486	5/17/1999	MOSAID Technologies Incorporated
US	5427980	6/27/1995	08/159,551	12/1/1993	658868 N.B. Inc.

US	5441904	8/15/1995	08/341,892	11/15/1994	658868 N.B. Inc.
US	5509995	4/23/1996	08/248,754	5/25/1994	658868 N.B. Inc.
US	5530294	6/25/1996	08/421,793	4/14/1995	658868 N.B. Inc.
US	5541141	7/30/1996	08/394,607	2/27/1995	658868 N.B. Inc.
US	5654223	8/5/1997	08/495,270	6/27/1995	658868 N.B. Inc.
US	5656860	8/12/1997	08/494,645	6/23/1995	658868 N.B. Inc.
US	5696012	12/9/1997	08/772,851	12/24/1996	658868 N.B. Inc.
US	5702970	12/30/1997	08/670,592	6/26/1996	658868 N.B. Inc.
US	5703406	12/30/1997	08/587,744	1/19/1996	658868 N.B. Inc.
US	5714402	2/3/1998	08/757,246	11/27/1996	658868 N.B. Inc.
US	5757692	5/26/1998	08/727,852	10/4/1996	658868 N.B. Inc.
US	5759900	6/2/1998	08/708,742	9/5/1996	658868 N.B. Inc.
US	5781041	7/14/1998	08/669,746	6/26/1996	658868 N.B. Inc.
US	5781498	7/14/1998	08/764,083	12/6/1996	658868 N.B. Inc.
US	5781500	7/14/1998	08/850,247	5/2/1997	658868 N.B. Inc.
US	5796675	8/18/1998	08/796,219	2/7/1997	658868 N.B. Inc.
US	5807728	9/15/1998	08/774,824	12/27/1996	658868 N.B. Inc.
US	5835439	11/10/1998	08/887,280	7/2/1997	658868 N.B. Inc.
US	5846887	12/8/1998	08/757,161	11/27/1996	658868 N.B. Inc.
US	5859961	1/12/1999	08/656,164	5/31/1996	658868 N.B. Inc.
US	5864497	1/26/1999	08/961,544	10/30/1997	658868 N.B. Inc.
US	5869404	2/9/1999	08/847,811	4/25/1997	658868 N.B. Inc.
US	5882968	3/16/1999	08/576,752	12/21/1995	658868 N.B. Inc.
US	5883438	3/16/1999	08/854,069	5/8/1997	658868 N.B. Inc.
US	5904538	5/18/1999	08/923,141	9/4/1997	658868 N.B. Inc.
US	5923080	7/13/1999	08/960,081	10/24/1997	658868 N.B. Inc.
US	5937293	8/10/1999	09/057,537	4/9/1998	658868 N.B. Inc.

US	5953576	9/14/1999	08/925,060	9/9/1997	658868 N.B. Inc.
US	5985734	11/16/1999	08/979,235	11/26/1997	658868 N.B. Inc.
US	5994200	11/30/1999	08/898,574	7/22/1997	658868 N.B. Inc.
US	6002625	12/14/1999	08/991,618	12/16/1997	658868 N.B. Inc.
US	6011746	1/4/2000	09/182,943	10/29/1998	658868 N.B. Inc.
US	6017801	1/25/2000	09/006,479	1/13/1998	658868 N.B. Inc.
US	6034392	3/7/2000	09/151,601	9/11/1998	658868 N.B. Inc.
US	6057232	5/2/2000	08/862,926	5/27/1997	658868 N.B. Inc.
US	6060399	5/9/2000	08/923,108	9/4/1997	658868 N.B. Inc.
US	6060778	5/9/2000	09/060,981	4/15/1998	658868 N.B. Inc.
US	6064619	5/16/2000	09/106,308	6/29/1998	658868 N.B. Inc.
US	6066540	5/23/2000	09/143,096	8/28/1998	658868 N.B. Inc.
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US	6080594	6/27/2000	09/336,698	6/21/1999	658868 N.B. Inc.
US	6087857	7/11/2000	08/943,184	10/3/1997	658868 N.B. Inc.
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US	6103603	8/15/2000	09/065,487	4/24/1998	658868 N.B. Inc.
US	6107138	8/22/2000	08/744,805	11/6/1996	658868 N.B. Inc.
US	6117787	9/12/2000	09/013,095	1/26/1998	658868 N.B. Inc.
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US	6124208	9/26/2000	09/186,354	11/5/1998	658868 N.B. Inc.
US	6140700	10/31/2000	08/966,703	11/10/1997	658868 N.B. Inc.
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US	6150870	11/21/2000	09/195,202	11/18/1998	658868 N.B. Inc.
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US	7348255	3/25/2008	11/321,925	12/28/2005	658868 N.B. Inc.
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US	7432151	10/7/2008	10/799,877	3/15/2004	658868 N.B. Inc.
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US	7449403	11/11/2008	11/122,718	5/5/2005	658868 N.B. Inc.
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US	7479676	1/20/2009	11/450,096	6/9/2006	658868 N.B. Inc.
US	7489586	2/10/2009	11/647,402	12/29/2006	658868 N.B. Inc.
US	7495469	2/24/2009	11/824,165	6/28/2007	658868 N.B. Inc.
US	7547600	6/16/2009	11/476,261	6/27/2006	658868 N.B. Inc.
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US	7790546	9/7/2010	12/168,823	7/7/2008	658868 N.B. Inc.
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US			12/984,163	1/4/2011	MOSAID Technologies Incorporated
US			11/906,756	10/3/2007	MOSAID Technologies Incorporated
US			11/978,988	10/30/2007	MOSAID Technologies Incorporated
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US			12/254,315	10/20/2008	MOSAID Technologies Incorporated
US			13/168,157	6/24/2011	MOSAID Technologies Incorporated
US			12/329,929	12/8/2008	MOSAID Technologies Incorporated
US			13/276,856	10/19/2011	MOSAID Technologies Incorporated
US			12/033,577	2/19/2008	MOSAID Technologies Incorporated
US			12/168,354	7/7/2008	MOSAID Technologies Incorporated
US			12/364,665	2/3/2009	MOSAID Technologies Incorporated
US			12/212,902	9/18/2008	MOSAID Technologies Incorporated

US			12/211,159	9/16/2008	MOSAID Technologies Incorporated
US			12/169,115	7/8/2008	MOSAID Technologies Incorporated
US			12/241,960	9/30/2008	MOSAID Technologies Incorporated
US			12/241,832	9/30/2008	MOSAID Technologies Incorporated
US			12/399,315	3/6/2009	MOSAID Technologies Incorporated
US			13/091,465	4/21/2011	MOSAID Technologies Incorporated
US			12/640,388	12/17/2009	MOSAID Technologies Incorporated
US			12/367,056	2/6/2009	MOSAID Technologies Incorporated
US			12/418,892	4/6/2009	MOSAID Technologies Incorporated
US			13/005,774	1/13/2011	MOSAID Technologies Incorporated
US			12/495,089	6/30/2009	MOSAID Technologies Incorporated
US			12/770,376	4/29/2010	MOSAID Technologies Incorporated
US			12/533,732	7/31/2009	MOSAID Technologies Incorporated
US			12/508,926	7/24/2009	MOSAID Technologies Incorporated
US			12/607,680	10/28/2009	MOSAID Technologies Incorporated
US			12/504,156	7/16/2009	MOSAID Technologies Incorporated
US			12/823,472	6/25/2010	MOSAID Technologies Incorporated
US			12/757,540	4/9/2010	MOSAID Technologies Incorporated
US			12/564,492	9/22/2009	MOSAID Technologies Incorporated
US			12/701,122	2/5/2010	MOSAID Technologies Incorporated
US			12/816,130	6/15/2010	MOSAID Technologies Incorporated
US			12/773,340	5/4/2010	MOSAID Technologies Incorporated
US			13/110,399	5/18/2011	MOSAID Technologies Incorporated
US			12/967,918	12/14/2010	MOSAID Technologies Incorporated
US			13/042,571	3/8/2011	MOSAID Technologies Incorporated
US			13/038,461	3/2/2011	MOSAID Technologies Incorporated
US			12/782,911	5/19/2010	MOSAID Technologies Incorporated

US			13/079,795	4/4/2011	MOSAID Technologies Incorporated
US			12/827,718	6/30/2010	MOSAID Technologies Incorporated
US			13/044,701	3/10/2011	MOSAID Technologies Incorporated
US			13/008,522	1/18/2011	MOSAID Technologies Incorporated
US			13/085,863	4/13/2011	MOSAID Technologies Incorporated
US			13/048,154	3/15/2011	MOSAID Technologies Incorporated
US			13/023,838	2/9/2011	MOSAID Technologies Incorporated
US			13/012,754	1/24/2011	MOSAID Technologies Incorporated
US			13/093,923	4/26/2011	MOSAID Technologies Incorporated
US			13/040,324	3/4/2011	MOSAID Technologies Incorporated
US			13/102,310	5/6/2011	MOSAID Technologies Incorporated
US			13/088,817	4/18/2011	MOSAID Technologies Incorporated
US			13/094,619	4/26/2011	MOSAID Technologies Incorporated
US			13/090,427	4/20/2011	MOSAID Technologies Incorporated
US			13/094,613	4/26/2011	MOSAID Technologies Incorporated
US			13/186,789	7/20/2011	MOSAID Technologies Incorporated
US			61/393,531	10/15/2010	MOSAID Technologies Incorporated
US			13/239,977	9/22/2011	MOSAID Technologies Incorporated
US			12/907,210	10/19/2010	MOSAID Technologies Incorporated
US			61/416,437	11/23/2010	MOSAID Technologies Incorporated
US			13/099,791	5/3/2011	MOSAID Technologies Incorporated
US			61/525,950	8/22/2011	MOSAID Technologies Incorporated
US			13/236,381		MOSAID Technologies Incorporated
US			61/535,522	9/16/2011	MOSAID Technologies Incorporated
US			61/538,540	9/23/2011	MOSAID Technologies Incorporated
US			61/537,206	9/21/2011	MOSAID Technologies Incorporated
US			61/542,986	10/4/2011	MOSAID Technologies Incorporated

US			11/156,140	6/17/2005	MOSAID Technologies Incorporated
US			11/438,259	5/23/2006	MOSAID Technologies Incorporated
US			12/185,577	8/4/2008	MOSAID Technologies Incorporated
US			12/264,536	11/4/2008	MOSAID Technologies Incorporated
US			12/727,375	3/19/2010	MOSAID Technologies Incorporated
US			10/890,199	7/14/2004	MOSAID Technologies Incorporated
US			12/627,804	11/30/2009	MOSAID Technologies Incorporated
US			12/627,574	11/30/2009	MOSAID Technologies Incorporated
US			12/627,702	11/30/2009	MOSAID Technologies Incorporated
US			12/753,271	4/2/2010	MOSAID Technologies Incorporated
US			12/753,458	4/2/2010	MOSAID Technologies Incorporated
US			12/124,934	5/21/2008	MOSAID Technologies Incorporated
US			12/912,235	10/26/2010	MOSAID Technologies Incorporated
US			12/683,731	1/7/2010	MOSAID Technologies Incorporated
US			12/685,694	1/12/2010	MOSAID Technologies Incorporated
US			12/986,539	1/7/2011	MOSAID Technologies Incorporated
US			11/274,276	11/16/2005	MOSAID Technologies Incorporated
US			11/300,313	12/15/2005	MOSAID Technologies Incorporated
US			11/593,084	11/6/2006	MOSAID Technologies Incorporated
US			11/790,555	4/26/2007	MOSAID Technologies Incorporated
US			90/009,486	6/10/2009	MOSAID Technologies Incorporated
US			11/471,665	6/21/2006	MOSAID Technologies Incorporated
US			11/640,300	12/18/2006	MOSAID Technologies Incorporated
US			11/636,998	12/12/2006	MOSAID Technologies Incorporated
US			11/712,508	3/1/2007	MOSAID Technologies Incorporated
US			12/984,834	1/5/2011	MOSAID Technologies Incorporated
US			13/213,761	8/19/2011	MOSAID Technologies Incorporated

US			13/253,166	10/5/2011	MOSAID Technologies Incorporated
US			11/841,463	8/20/2007	MOSAID Technologies Incorporated
US			12/016,324	1/18/2008	MOSAID Technologies Incorporated
US			10/838,319	5/5/2004	MOSAID Technologies Incorporated
US			11/837,323	8/10/2007	MOSAID Technologies Incorporated
US			12/030,013	2/12/2008	MOSAID Technologies Incorporated
US			12/045,435	3/10/2008	MOSAID Technologies Incorporated
US			12/141,600	6/18/2008	MOSAID Technologies Incorporated
US			11/610,573	12/14/2006	MOSAID Technologies Incorporated
US			13/053,727	3/22/2011	MOSAID Technologies Incorporated
US			12/919,578	1/18/2011	MOSAID Technologies Incorporated
US			12/936,723	4/11/2008	MOSAID Technologies Incorporated
US			12/897,456	10/4/2010	MOSAID Technologies Incorporated
US			13/046,310	3/11/2011	MOSAID Technologies Incorporated
US			13/226,149	9/6/2011	MOSAID Technologies Incorporated
US			10/593,697	9/9/2008	MOSAID Technologies Incorporated
US			11/631,111	12/29/2006	MOSAID Technologies Incorporated
US			13/038,990	3/2/2011	MOSAID Technologies Incorporated
US			11/793,238	6/15/2007	MOSAID Technologies Incorporated
US			11/793,290	8/14/2008	MOSAID Technologies Incorporated
US			12/966,619	12/13/2010	MOSAID Technologies Incorporated
US			12/084,318	4/30/2008	MOSAID Technologies Incorporated
US			12/087,063	6/25/2008	MOSAID Technologies Incorporated
US			12/087,064	10/27/2008	MOSAID Technologies Incorporated
US			12/739,842	7/1/2010	MOSAID Technologies Incorporated
US			12/739,840	7/1/2010	MOSAID Technologies Incorporated
US			12/919,591	10/19/2010	MOSAID Technologies Incorporated

US			12/513,993	4/7/2010	MOSAID Technologies Incorporated
US			12/514,008	4/6/2010	MOSAID Technologies Incorporated
US			12/513,818	3/30/2010	MOSAID Technologies Incorporated
US			12/519,404	8/12/2009	MOSAID Technologies Incorporated
US			12/520,914	3/31/2010	MOSAID Technologies Incorporated
US			13/230,454	9/12/2011	MOSAID Technologies Incorporated
US			12/066,745	3/13/2008	MOSAID Technologies Incorporated
US			12/094,989	5/24/2008	MOSAID Technologies Incorporated
US			12/518,961	6/12/2009	MOSAID Technologies Incorporated
US			12/518,905	6/12/2009	MOSAID Technologies Incorporated
US			12/958,287	12/1/2010	MOSAID Technologies Incorporated
US			11/048,370	1/31/2005	MOSAID Technologies Incorporated
US			11/493,935	7/25/2006	MOSAID Technologies Incorporated
US			12/200,110	8/28/2008	MOSAID Technologies Incorporated
US			12/607,969	10/28/2009	MOSAID Technologies Incorporated
US			11/496,037	7/29/2006	658276 N.B. Ltd.
US			13/035,580	2/25/2011	MOSAID Technologies Incorporated
US			12/652,897	1/6/2010	MOSAID Technologies Incorporated
US			12/982,599	12/30/2010	MOSAID Technologies Incorporated
US			12/576,080	10/8/2009	MOSAID Technologies Incorporated
US			13/037,113	2/28/2011	MOSAID Technologies Incorporated
US			13/005,231	1/12/2011	MOSAID Technologies Incorporated
US			10/046,497	10/26/2001	MOSAID Technologies Incorporated
US			10/379,494	3/4/2003	MOSAID Technologies Incorporated
US			12/612,032	11/4/2009	MOSAID Technologies Incorporated
US			12/764,607	4/21/2010	MOSAID Technologies Incorporated
US			12/566,533	9/24/2009	MOSAID Technologies Incorporated

US			12/158,412	6/20/2008	MOSAID Technologies Incorporated
US			12/813,130	6/10/2010	MOSAID Technologies Incorporated
US			13/073,041	3/28/2011	MOSAID Technologies Incorporated
US			13/283,023	10/27/2011	MOSAID Technologies Incorporated
US			13/284,338	10/28/2011	MOSAID Technologies Incorporated
US			13/291,360	11/8/2011	MOSAID Technologies Incorporated
US			13/293,778	11/10/2011	MOSAID Technologies Incorporated
US			13/295,433	11/14/2011	MOSAID Technologies Incorporated
US			13/296,530	11/15/2011	MOSAID Technologies Incorporated
US			13/305,064	11/28/2011	MOSAID Technologies Incorporated
US			12/323,391	11/25/2008	658868 N.B. Inc.
US			11/809,244	5/30/2007	658868 N.B. Inc.
US			90/012,029	11/30/2011	658868 N.B. Inc.
US			90/012,028	11/30/2011	658868 N.B. Inc.

Schedule B
TRADEMARKS

Trademarks

Mark	Application #	File Date	Reg Date	Registration #	Owner
MOSAID	78/840,995	3/20/2006	4/7/2009	3,602,528	Mosaid Technologies Incorporated
MOSAID	74/641,351	3/2/1995	4/2/1996	1,965,347	Mosaid Technologies Incorporated

Trademarks Applications

Mark	Application #	File Date	Reg Date	Registration #	Owner
HLNAND	77/171,707	5/3/2007			Mosaid Technologies Incorporated

Schedule C
COPYRIGHTS

Registered Copyrights

<u>Registered Owner</u>	<u>Title</u>	<u>Registration Number</u>	<u>Registration Date</u>
Mosaid Technologies Incorporated	Mask work as contained in the S5606 die.	MW0000006678	06/18/1990