PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4236279

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	3

CONVEYING PARTY DATA

Name	Execution Date
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RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	09502647
Application Number:	09550131
Application Number:	09602981
Application Number:	09737403
Application Number:	09741533

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	TLDTV BATCH 3 SEQ 3
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SIGNATURE:	/Patricia A. Verlangieri, Reg.No. 42201/
DATE SIGNED:	01/22/2017

Total Attachments: 18

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Confirmation of assignment of Patent Rights

For good and valuable consideration, the receipt of which is hereby acknowledged, Thomson Licensing, SAS, a company duly organized under the laws of France, having offices at 1-5, rue Jeanne d'Arc, 92130 Issy les Moulineaux, France ("Assignor") hereby confirm that it has:

Assigned, with an effective date on January 4th, 2016, to Thomson Licensing DTV, SAS, a company duly organized under the laws of France, having offices at 1-5, rue Jeanne d'Arc, 92130 Issy les Moulineaux, France ("Assignee"), who accepted such assignment, and its successors, assigns, and legal representatives, Assignor's entire right, title and interest, including the right to sue for past and future infringement, collect past and future royalties and/or damages, and/or seek injunctive relief in the United States and all foreign countries, in and to the patents and patent applications listed in attachment A; in an to any and all inventions and improvements that are disclosed therein; in and to all divisional, continuation, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries that are based upon the patents and patent applications listed in Attachment A; in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries based upon the patents and patent applications listed in Attachment A; and in and to all rights of priority based upon the patents and patent applications listed in Attachment A; and

agreed that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when reasonably requested by, without charge, but at the expense of said Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuation, substitute, renewal, reissue and all other patent applications on any and all said inventions and improvements and execute all rightful oaths, assignments and power of attorney required thereof.

Thomson Licensing, SAS

Signature:

Name: Adrien Cadieux

Title: Authorized Signatory

Thomson Licensing DTV, SAS

Signature:

Name: Adrien Cadieux

Title: President

Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PF960031	PF960031-US-NP	US	NP	31/07/1996 00:00:00	15/07/1997 00:00:00	08/892765			08/02/2000 00:00:00	6023267
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PU100104	PU100104-US-PCT	US	PCT	17/05/2010 00:00:00	17/05/2010 00:00:00	13/639978	28/02/2013 00:00:00	2013-0051761-A1		
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PATENT
REEL: 041035 FRAME: 0736

Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PF100043	PF100043-US-PCT	US	PCT	14/06/2010 00:00:00	14/06/2011 00:00:00	13/704246	11/04/2013 00:00:00	2013-0089156-A1		
PF110043	PF110043-US-PCT	US	PCT	30/12/2011 00:00:00	21/12/2012 00:00:00	14/369711	04/12/2014 00:00:00	2014-0355605-A1		
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PU100049	PU100049-US-PCT	US	PCT	19/02/2010 00:00:00	10/12/2010 00:00:00	13/579049	06/12/2012 00:00:00	2012-0311640-A1	11/11/2014 00:00:00	8887200
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PU030034	PU030034-US-PCT	US	PCT	17/01/2003 00:00:00	07/07/2003 00:00:00	10/542468	20/04/2006 00:00:00	2006-0082601-A1	24/02/2009 00:00:00	7495642
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PD010061	PD010061-US-PCT	US	PCT	23/10/2001 00:00:00	11/10/2002 00:00:00	10/493286	09/12/2004 00:00:00	2004-0247035-A1	11/03/2008 00:00:00	7342944
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PU070065	PU070065-US-PCT	US	PCT	27/06/2007 00:00:00	27/06/2007 00:00:00	12/451939	10/06/2010 00:00:00	2010-0142836-A1	04/02/2014 00:00:00	8644632
PD060028	PD060028-US-NP	US	NP	11/04/2006 00:00:00	04/04/2007 00:00:00	11/732686	11/10/2007 00:00:00	2007-0237229-A1	14/08/2012 00:00:00	8243785
PU060125	PU060125-US-PCT	US	PCT	23/06/2006 00:00:00	19/12/2008 00:00:00	12/308679	01/07/2010 00:00:00	2010-0164366-A1	09/08/2011 00:00:00	7994695
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PU080001	PU080001-US-PCT	US	PCT	07/01/2008 00:00:00	05/01/2009 00:00:00	12/735331	04/11/2010 00:00:00	2010-0278267-A1	07/01/2014 00:00:00	8625672
PD080055	PD080055-US-NP	US	NP	03/07/2008 00:00:00	22/06/2009 00:00:00	12/456741	07/01/2010 00:00:00	2010-0004937-A1	18/03/2014 00:00:00	8676584
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PATENT
REEL: 041035 FRAME: 0737

Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PF110190	PF110190-US-NP	US	NP	16/12/2011 00:00:00	14/12/2012 00:00:00	13/716062	25/07/2013 00:00:00	2013-0187918-A1		
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PF100076	PF100076-US-NP	US	NP	22/09/2010 00:00:00	15/09/2011 00:00:00	13/200025	27/09/2012 00:00:00	2012-0242781-A1		
PF100064	PF100064-US-NP	US	NP	05/08/2010 00:00:00	02/08/2011 00:00:00	13/136483	09/02/2012 00:00:00	2012-0036548-A1	01/07/2014 00:00:00	8769603
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RCA88816	RCA88816-US-NP	US	NP	11/03/1998 00:00:00	11/03/1998 00:00:00	09/038732			12/09/2000 00:00:00	6118497
PF990040	PF990040-US-NP	US	NP	18/06/1999 00:00:00	16/06/2000 00:00:00	09/595738			09/12/2003 00:00:00	6661926
PF990020	PF990020-US-NP	US	NP	06/05/1999 00:00:00	05/05/2000 00:00:00	09/565346			20/09/2005 00:00:00	6947097
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RCA88904	RCA88904-US-NP	US	NP	18/02/1997 00:00:00	13/02/1998 00:00:00	09/023329			06/02/2001 00:00:00	6185340
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PD000044	PD000044-US-NP	US	NP	18/08/2000 00:00:00	15/08/2001 00:00:00	09/930056	07/03/2002 00:00:00	2002-0027756-A1	03/02/2004 00:00:00	6687102
PU020027	PU020027-US-NP	US	NP	25/01/2002 00:00:00	25/01/2002 00:00:00	10/056595	31/07/2003 00:00:00	2003-0142878-A1	11/11/2003 00:00:00	6647152
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PU020087	PU020087-US-NP	US	NP	03/04/2002 00:00:00	09/01/2003 00:00:00	10/339747	23/10/2003 00:00:00	2003-0197808-A1	11/07/2006 00:00:00	7075586
PU020454	PU020454-US-PCT	US	PCT	15/11/2002 00:00:00	15/10/2003 00:00:00	10/534965	09/03/2006 00:00:00	2006-0053464-A1	22/03/2011 00:00:00	7913274
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PD040034	PD040034-US-NP	US	NP	31/03/2004 00:00:00	29/03/2005 00:00:00	11/092325	13/10/2005 00:00:00	2005-0225356-A1	01/05/2007 00:00:00	7212029
PU050074	PU050074-US-PCT	US	PCT	23/05/2005 00:00:00	23/05/2005 00:00:00	11/920403	12/03/2009 00:00:00	2009-0070809-A1	21/02/2012 00:00:00	8122470
PU040308	PU040308-US-PCT	US	PCT	10/11/2004 00:00:00	10/11/2005 00:00:00	11/667303	13/12/2007 00:00:00	2007-0285351-A1		
PU030151	PU030151-US-PCT	US	PCT	27/05/2004 00:00:00	27/05/2004 00:00:00	11/597095	05/03/2009 00:00:00	2009-0058397-A1	18/05/2010 00:00:00	7719253
PF040027	PF040027-US-NP	US	NP	17/02/2004 00:00:00	08/02/2005 00:00:00	11/053625	18/08/2005 00:00:00	2005-0180440-A1	27/12/2011 00:00:00	8085770
PD050095	PD050095-US-NP	US	NP	08/11/2005 00:00:00	07/11/2006 00:00:00	11/593738	10/05/2007 00:00:00	2007-0103214-A1	18/08/2009 00:00:00	7576576
PU040255	PU040255-US-PCT	US	PCT	31/01/2006 00:00:00	30/01/2007 00:00:00	12/223051	02/09/2010 00:00:00	2010-0220939-A1	13/03/2012 00:00:00	8135234
PU050162	PU050162-US-PCT	US	PCT	22/07/2005 00:00:00	31/05/2006 00:00:00	11/989173	21/05/2009 00:00:00	2009-0129474-A1	21/10/2014 00:00:00	8867618
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PD070020	PD070020-US-PCT	US	PCT	02/03/2007 00:00:00	19/02/2008 00:00:00	12/449907	06/05/2010 00:00:00	2010-0115629-A1		
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PA080051	PA080051-US-NP	US	NP	06/08/2008 00:00:00	27/07/2009 00:00:00	12/460960	11/02/2010 00:00:00	2010-0034273-A1	09/09/2014 00:00:00	8831102
PU080139	PU080139-US-PCT	US	PCT	08/08/2008 00:00:00	04/08/2009 00:00:00	12/737563	11/08/2011 00:00:00	2011-0196749-A1		
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PF960044	PF960044-US-NP	US	NP	31/10/1996 00:00:00	08/10/1997 00:00:00	08/946981			09/11/1999 00:00:00	5982417
PF960034	PF960034-US-NP	US	NP	12/08/1996 00:00:00	08/08/1997 00:00:00	08/907443			23/07/2002 00:00:00	6424361
PF000027	PF000027-US-PCT	US	PCT	10/04/2000 00:00:00	28/03/2001 00:00:00	10/257347	31/07/2003 00:00:00	2003-0145024-A1	13/03/2007 00:00:00	7190842
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RCA89345	RCA89345-US-NP	US	NP	22/12/1999 00:00:00	22/12/1999 00:00:00	09/471073			15/04/2003 00:00:00	6549143
RCA89633	RCA89633-US-PCT	US	PCT	15/07/1999 00:00:00	26/06/2000 00:00:00	10/030834			01/05/2007 00:00:00	7212250
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PD010011	PD010011-US-PCT	US	PCT	16/03/2001 00:00:00	01/03/2002 00:00:00	10/471524	03/06/2004 00:00:00	2004-0105282-A1	07/06/2005 00:00:00	6903947
PU040378	PU040378-US-PCT	US	PCT	05/01/2005 00:00:00	26/10/2005 00:00:00	11/794750	10/09/2009 00:00:00	2009-0225984-A1	04/03/2014 00:00:00	8666071
PD040013	PD040013-US-PCT	US	PCT	07/01/2004 00:00:00	28/12/2004 00:00:00	10/585363	06/09/2007 00:00:00	2007-0209018-A1	25/11/2008 00:00:00	7458035
RCA89647	RCA89647-US-DIV[1]	US	DIV	15/07/1999 00:00:00	22/09/2006 00:00:00	11/525376	18/01/2007 00:00:00	2007-0013814-A1	11/09/2007 00:00:00	7268831
PU050090	PU050090-US-PCT	US	PCT	28/09/2005 00:00:00	28/09/2005 00:00:00	11/992576	17/06/2010 00:00:00	2010-0149839-A1	13/09/2011 00:00:00	8018749
PU070106	PU070106-US-PCT	US	PCT	03/04/2007 00:00:00	14/12/2007 00:00:00	12/450637	02/09/2010 00:00:00	2010-0220237-A1		
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PA110023	PA110023-US-PCT	US	PCT	31/12/2011 00:00:00	31/12/2011 00:00:00	14/369712				

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Attachment A

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RCA88229	RCA88229-US-NP	US	NP	16/10/1996 00:00:00	23/03/1999 00:00:00	09/269242			12/11/2002 00:00:00	6480238
RCA88652	RCA88652-US-PCT	US	PCT	20/07/1998 00:00:00	20/07/1999 00:00:00	09/744111			13/08/2002 00:00:00	6434097
RCA90187	RCA90187-US-NP	US	NP	09/06/2000 00:00:00	09/06/2000 00:00:00	09/590910			11/06/2002 00:00:00	6404309
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PU020341	PU020341-US-NP	US	NP	26/07/2002 00:00:00	26/07/2002 00:00:00	10/206690	29/01/2004 00:00:00	2004-0017865-A1	25/10/2005 00:00:00	6959055
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PU010179	PU010179-US-NP	US	NP	28/08/2001 00:00:00	14/12/2001 00:00:00	10/017616	06/03/2003 00:00:00	2003-0043300-A1	09/11/2004 00:00:00	6816203
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PD020042	PD020042-US-NP	US	NP	07/05/2002 00:00:00	28/04/2003 00:00:00	10/424895	13/11/2003 00:00:00	2003-0210354-A1	20/01/2009 00:00:00	7479934
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PF080120	PF080120-US-NP	US	NP	03/10/2008 00:00:00	01/10/2009 00:00:00	12/587049	08/04/2010 00:00:00	2010-0084677-A1	26/02/2013 00:00:00	8384102
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PF110060	PF110060-US-PCT	US	PCT	13/09/2011 00:00:00	24/08/2012 00:00:00	14/344320	21/05/2015 00:00:00	2015-0139287-A1		
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PA100017	PA100017-US-PCT	US	PCT	29/04/2010 00:00:00	29/04/2010 00:00:00	13/642622	14/02/2013 00:00:00	2013-0039420-A1	07/07/2015 00:00:00	9076220

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Attachment A

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RCA88404	RCA88404-US-NP	US	NP	15/11/1996 00:00:00	15/11/1996 00:00:00	08/749714			21/09/1999 00:00:00	5956240
RCA88707	RCA88707-US-NP	US	NP	10/07/1997 00:00:00	09/04/1998 00:00:00	09/057646			29/08/2000 00:00:00	6111611
PF960036	PF960036-US-NP	US	NP	06/09/1996 00:00:00	18/08/1997 00:00:00	08/912656			14/11/2000 00:00:00	6148107
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PU020338	PU020338-US-NP	US	NP	23/09/2002 00:00:00	23/09/2002 00:00:00	10/252573	25/03/2004 00:00:00	2004-0057498-A1	21/09/2004 00:00:00	6795486
PF010130	PF010130-US-NP	US	NP	29/10/2001 00:00:00	25/10/2002 00:00:00	10/280495	01/05/2003 00:00:00	2003-0080912-A1	12/07/2005 00:00:00	6917342
PF000076	PF000076-US-PCT	US	PCT	21/07/2000 00:00:00	09/07/2001 00:00:00	10/333320	22/01/2004 00:00:00	2004-0012456-A1	12/06/2007 00:00:00	7230484
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PU080206	PU080206-US-PCT	US	PCT	09/02/2009 00:00:00	01/04/2009 00:00:00	13/138324	01/12/2011 00:00:00	2011-0292067-A1	01/04/2014 00:00:00	8687013
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RCA88207	RCA88207-US-NP	US	NP	18/12/1996 00:00:00	01/06/1999 00:00:00	09/319215			23/12/2003 00:00:00	6668015
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PATENT
REEL: 041035 FRAME: 0740

Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
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PU010313	PU010313-US-PCT	US	PCT	21/12/2001 00:00:00	16/12/2002 00:00:00	10/499555	10/03/2005 00:00:00	2005-0054315-A1	28/08/2007 00:00:00	7263469
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PU040245	PU040245-US-PCT	US	PCT	03/09/2004 00:00:00	26/08/2005 00:00:00	11/661947	24/04/2008 00:00:00	2008-0094514-A1	15/11/2011 00:00:00	8059202
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PU080078	PU080078-US-NP	US	NP	29/05/2008 00:00:00	29/05/2008 00:00:00	12/156048	03/12/2009 00:00:00	2009-0296735-A1	08/05/2012 00:00:00	8174972
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PU100012	PU100012-US-PCT	US	PCT	22/01/2010 00:00:00	20/01/2011 00:00:00	13/522589	22/11/2012 00:00:00	2012-0294530-A1	15/07/2014 00:00:00	8781253
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PU110118	PU110118-US-NP	US	NP	27/09/2011 00:00:00	25/09/2012 00:00:00	13/626093	28/03/2013 00:00:00	2013-0078926-A1	07/10/2014 00:00:00	8855576
PU100267	PU100267-US-PCT	US	PCT	10/09/2010 00:00:00	09/09/2011 00:00:00	13/821283	27/06/2013 00:00:00	2013-0163679-A1		
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PATENT
REEL: 041035 FRAME: 0741

Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
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PU030209	PU030209-US-PCT	US	PCT	15/07/2003 00:00:00	02/03/2004 00:00:00	10/564662	27/07/2006 00:00:00	2006-0165175-A1	21/04/2009 00:00:00	7523234
PF040035	PF040035-US-PCT	US	PCT	12/03/2004 00:00:00	12/01/2005 00:00:00	10/592627	30/08/2007 00:00:00	2007-0201557-A1	10/01/2012 00:00:00	8094718
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PA060042	PA060042-US-PCT	US	PCT	25/10/2006 00:00:00	25/10/2006 00:00:00	12/311922	31/12/2009 00:00:00	2009-0323804-A1	06/11/2012 00:00:00	8306107
PU070291	PU070291-US-PCT	US	PCT	28/11/2007 00:00:00	28/11/2007 00:00:00	12/734787	07/10/2010 00:00:00	2010-0254165-A1	09/07/2013 00:00:00	8482939
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PA050014	PA050014-US-NP	US	NP	08/04/2005 00:00:00	29/03/2006 00:00:00	11/392427	23/11/2006 00:00:00	2006-0262216-A1	07/12/2010 00:00:00	7847861
PF050076	PF050076-US-PCT	US	PCT	15/04/2005 00:00:00	13/04/2006 00:00:00	11/918556	02/07/2009 00:00:00	2009-0168895-A1		
PU050242	PU050242-US-PCT	US	PCT	19/10/2005 00:00:00	17/10/2006 00:00:00	11/992721	01/07/2010 00:00:00	2010-0165077-A1	08/09/2015 00:00:00	9131247
PU070001	PU070001-US-PCT	US	PCT	04/01/2007 00:00:00	04/01/2008 00:00:00	12/448480	28/01/2010 00:00:00	2010-0020884-A1	07/08/2012 00:00:00	8238439
PU070294	PU070294-US-NP	US	NP	31/01/2008 00:00:00	31/01/2008 00:00:00	12/012064	06/08/2009 00:00:00	2009-0198793-A1		
PU070166	PU070166-US-PCT	US	PCT	13/07/2007 00:00:00	05/12/2007 00:00:00	12/452629	12/08/2010 00:00:00	2010-0202574-A1	30/04/2013 00:00:00	8433006
PA070007	PA070007-US-PCT	US	PCT	16/03/2007 00:00:00	16/03/2007 00:00:00	12/450215	22/04/2010 00:00:00	2010-0098193-A1	26/02/2013 00:00:00	8385473
PU060267	PU060267-US-PCT	US	PCT	28/12/2006 00:00:00	19/12/2007 00:00:00	12/448184	18/03/2010 00:00:00	2010-0066912-A1	10/09/2013 00:00:00	8532198

PATENT
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Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
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PU080048	PU080048-US-PCT	US	PCT	11/04/2008 00:00:00	07/04/2009 00:00:00	12/736463	27/10/2011 00:00:00	2011-0261882-A1		
PA080020	PA080020-US-NP	US	NP	15/05/2008 00:00:00	13/05/2009 00:00:00	12/453597	19/11/2009 00:00:00	2009-0284301-A1	20/03/2012 00:00:00	8138811
PA060046	PA060046-US-PCT	US	PCT	14/12/2006 00:00:00	14/12/2006 00:00:00	12/448151	14/01/2010 00:00:00	2010-0008418-A1	23/04/2013 00:00:00	8428129
PA080037	PA080037-US-NP	US	NP	26/06/2008 00:00:00	03/06/2009 00:00:00	12/455547	11/02/2010 00:00:00	2010-0034214-A1	15/09/2015 00:00:00	9137039
RCA88321	RCA88321-US-DIV[1]	US	DIV	14/04/1997 00:00:00	30/07/2008 00:00:00	12/221024	26/02/2009 00:00:00	2009-0055868-A1	14/12/2010 00:00:00	7853974
PU070312	PU070312-US-PCT	US	PCT	29/01/2008 00:00:00	29/01/2008 00:00:00	12/735402	03/03/2011 00:00:00	2011-0050853-A1	15/09/2015 00:00:00	9137518
PU100249	PU100249-US-PCT	US	PCT	25/01/2011 00:00:00	25/01/2011 00:00:00	13/993701	10/10/2013 00:00:00	2013-0268966-A1	22/07/2014 00:00:00	8789099
PU100159	PU100159-US-PCT	US	PCT	19/08/2010 00:00:00	19/08/2010 00:00:00	13/816522	06/06/2013 00:00:00	2013-0141432-A1		
PF100002	PF100002-US-PCT	US	PCT	11/01/2010 00:00:00	11/01/2011 00:00:00	13/521250	15/11/2012 00:00:00	2012-0290980-A1		
PF090131	PF090131-US-PCT	US	PCT	28/12/2009 00:00:00	13/12/2010 00:00:00	13/519202	22/11/2012 00:00:00	2012-0297338-A1		
PD100048	PD100048-US-PCT	US	PCT	30/06/2011 00:00:00	15/06/2012 00:00:00	14/130074	15/05/2014 00:00:00	2014-0133660-A1		
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PU110026	PU110026-US-PCT	US	PCT	30/06/2011 00:00:00	30/06/2011 00:00:00	14/127985	08/05/2014 00:00:00	2014-0126890-A1	25/08/2015 00:00:00	9118971
PA120012	PA120012-US-PCT	US	PCT	18/04/2012 00:00:00	18/04/2012 00:00:00	14/390546	26/02/2015 00:00:00	2015-0055882-A1		
PU120150	PU120150-US-PCT	US	PCT	06/01/2012 00:00:00	27/12/2012 00:00:00	14/370453				
PF090132	PF090132-US-NP	US	NP	23/12/2009 00:00:00	14/12/2010 00:00:00	12/928511	23/06/2011 00:00:00	2011-0148903-A1		
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PU090110	PU090110-US-PCT	US	PCT	21/08/2009 00:00:00	13/08/2010 00:00:00	13/391368	14/06/2012 00:00:00	2012-0147948-A1		
PA090005	PA090005-US-NP	US	NP	30/01/2009 00:00:00	15/01/2010 00:00:00	12/657246	05/08/2010 00:00:00	2010-0194610-A1	30/08/2011 00:00:00	8009069
PU100057	PU100057-US-PCT	US	PCT	26/02/2010 00:00:00	25/02/2011 00:00:00	13/580389	20/12/2012 00:00:00	2012-0324510-A1	26/08/2014 00:00:00	8819731
PU090011	PU090011-US-PCT	US	PCT	10/02/2009 00:00:00	05/01/2010 00:00:00	13/138384	01/12/2011 00:00:00	2011-0293247-A1	17/12/2013 00:00:00	8611728
PF980024	PF980024-US-NP	US	NP	06/05/1998 00:00:00	30/04/1999 00:00:00	09/303370			16/07/2002 00:00:00	6421089
PU010149	PU010149-US-NP	US	NP	12/07/2001 00:00:00	12/07/2001 00:00:00	09/904022	16/01/2003 00:00:00	2003-0012561-A1	20/05/2008 00:00:00	7376341
PU010275	PU010275-US-PCT	US	PCT	27/11/2001 00:00:00	22/11/2002 00:00:00	10/496680	23/12/2004 00:00:00	2004-0257468-A1	05/12/2006 00:00:00	7145605
PF970007	PF970007-US-CPA	US	CPA	10/02/1997 00:00:00	09/02/1998 00:00:00	09/020524	23/08/2001 00:00:00	2001-0016076-A1	13/11/2001 00:00:00	6317519
PU000148	PU000148-US-NP	US	NP	15/12/2000 00:00:00	15/12/2000 00:00:00	09/737688	20/06/2002 00:00:00	2002-0076067-A1	11/01/2005 00:00:00	6842527
PU010013	PU010013-US-NP	US	NP	09/01/2001 00:00:00	31/08/2001 00:00:00	09/943775	11/07/2002 00:00:00	2002-0090028-A1	29/03/2005 00:00:00	6873655
PU010270	PU010270-US-NP	US	NP	14/12/2001 00:00:00	14/12/2001 00:00:00	10/017618	19/06/2003 00:00:00	2003-0115497-A1	02/12/2003 00:00:00	6657463
PF030026	PF030026-US-NP	US	NP	17/01/2003 00:00:00	16/01/2004 00:00:00	10/759000	29/07/2004 00:00:00	2004-0146207-A1	12/03/2013 00:00:00	8397270
PD020110	PD020110-US-NP	US	NP	04/12/2002 00:00:00	21/11/2003 00:00:00	10/719260	01/07/2004 00:00:00	2004-0128013-A1	31/10/2006 00:00:00	7130621
PU020097	PU020097-US-PCT	US	PCT	05/04/2002 00:00:00	02/04/2003 00:00:00	10/510057	01/09/2005 00:00:00	2005-0193053-A1	16/09/2014 00:00:00	8838672
PU030097	PU030097-US-PCT	US	PCT	01/04/2003 00:00:00	30/03/2004 00:00:00	10/551404	30/11/2006 00:00:00	2006-0271952-A1	24/08/2010 00:00:00	7784072
PU040248	PU040248-US-PCT	US	PCT	06/10/2004 00:00:00	06/10/2004 00:00:00	11/663184	24/04/2008 00:00:00	2008-0094502-A1	19/07/2011 00:00:00	7982809
PF050022	PF050022-US-NP	US	NP	06/01/2005 00:00:00	20/12/2005 00:00:00	11/312813	24/08/2006 00:00:00	2006-0187509-A1	03/08/2010 00:00:00	7769242
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PU040252	PU040252-US-PCT	US	PCT	02/02/2006 00:00:00	30/01/2007 00:00:00	12/223413	12/03/2009 00:00:00	2009-0067505-A1		
PU050168	PU050168-US-PCT	US	PCT	28/07/2005 00:00:00	27/07/2006 00:00:00	11/989360	28/05/2009 00:00:00	2009-0135906-A1	17/04/2012 00:00:00	8160140
PU050173	PU050173-US-PCT	US	PCT	28/07/2005 00:00:00	14/12/2005 00:00:00	11/989511	14/05/2009 00:00:00	2009-0125970-A1	28/06/2011 00:00:00	7970341
PF070015	PF070015-US-NP	US	NP	07/02/2007 00:00:00	05/02/2008 00:00:00	12/012668	04/09/2008 00:00:00	2008-0212897-A1	12/06/2012 00:00:00	8200045
PU080025	PU080025-US-PCT	US	PCT	20/03/2008 00:00:00	04/11/2008 00:00:00	12/735867	06/01/2011 00:00:00	2011-0004901-A1	15/10/2013 00:00:00	8561105
PU070241	PU070241-US-PCT	US	PCT	05/10/2007 00:00:00	15/09/2008 00:00:00	12/733947	16/09/2010 00:00:00	2010-0232498-A1		
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PF070136	PF070136-US-PCT	US	PCT	19/12/2007 00:00:00	16/12/2008 00:00:00	12/735157	03/05/2012 00:00:00	2012-0106916-A1	24/12/2013 00:00:00	8615155
PU080070	PU080070-US-PCT	US	PCT	12/05/2008 00:00:00	12/05/2008 00:00:00	12/991969	16/06/2011 00:00:00	2011-0142309-A1	22/07/2014 00:00:00	8787654
PU050099	PU050099-US-DIV[2]	US	DIV	11/05/2000 00:00:00	11/08/2008 00:00:00	12/189588	26/02/2009 00:00:00	2009-0055463-A1	30/10/2012 00:00:00	8301758
PF110109	PF110109-US-PCT	US	PCT	04/10/2011 00:00:00	04/09/2012 00:00:00	14/348107	02/07/2015 00:00:00	2015-0189297-A1		
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PU090021	PU090021-US-PCT	US	PCT	06/02/2009 00:00:00	05/02/2010 00:00:00	13/138368	24/11/2011 00:00:00	2011-0286520-A1		
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PU000126	PU000126-US-CNT	US	CNT	26/05/2000 00:00:00	15/11/2011 00:00:00	13/297214	08/03/2012 00:00:00	2012-0059949-A1		
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PA970003	PA970003-US-NP	US	NP	26/11/1996 00:00:00	24/11/1997 00:00:00	08/977515			11/05/1999 00:00:00	5903451
PF980062	PF980062-US-NP	US	NP	15/09/1998 00:00:00	15/09/1999 00:00:00	09/396570			12/11/2002 00:00:00	6480540
PF990041	PF990041-US-NP	US	NP	18/06/1999 00:00:00	16/06/2000 00:00:00	09/595739			08/11/2005 00:00:00	6963611
PD010069	PD010069-US-NP	US	NP	14/11/2001 00:00:00	22/10/2002 00:00:00	10/278192	15/05/2003 00:00:00	2003-0091337-A1	03/06/2008 00:00:00	7382964
PU010185	PU010185-US-NP	US	NP	31/08/2001 00:00:00	31/08/2001 00:00:00	09/944460	06/03/2003 00:00:00	2003-0043295-A1	22/04/2008 00:00:00	7362383
PU010128	PU010128-US-PCT	US	PCT	11/06/2001 00:00:00	11/06/2002 00:00:00	10/479537	12/08/2004 00:00:00	2004-0156433-A1	22/03/2011 00:00:00	7912124
RCA89889	RCA89889-US-PCT	US	PCT	17/03/2000 00:00:00	13/03/2001 00:00:00	10/204575	30/01/2003 00:00:00	2003-0020832-A1	14/07/2009 00:00:00	7561777
PU000181	PU000181-US-NP	US	NP	13/12/2000 00:00:00	19/09/2001 00:00:00	09/955883	28/03/2002 00:00:00	2002-0036714-A1	01/06/2004 00:00:00	6744474
RCA89749	RCA89749-US-PCT	US	PCT	23/11/1999 00:00:00	22/11/2000 00:00:00	10/148155			04/07/2006 00:00:00	7073116
RCA89564	RCA89564-US-PCT	US	PCT	16/07/1999 00:00:00	14/07/2000 00:00:00	10/030794			03/02/2004 00:00:00	6686770
RCA90193	RCA90193-US-NP	US	NP	12/05/2000 00:00:00	30/04/2001 00:00:00	09/845955	02/05/2002 00:00:00	2002-0051084-A1	15/06/2004 00:00:00	6750918
RCA89894	RCA89894-US-NP	US	NP	30/12/1999 00:00:00	30/12/1999 00:00:00	09/475447			08/08/2006 00:00:00	7089576
RCA89970	RCA89970-US-NP	US	NP	06/01/2000 00:00:00	13/09/2000 00:00:00	09/661506			13/07/2004 00:00:00	6762641
PF000127	PF000127-US-PCT	US	PCT	15/12/2000 00:00:00	14/11/2001 00:00:00	10/433547	25/03/2004 00:00:00	2004-0055703-A1	27/05/2008 00:00:00	7377990
PU030012	PU030012-US-PCT	US	PCT	10/01/2003 00:00:00	30/12/2003 00:00:00	10/541762	21/12/2006 00:00:00	2006-0288264-A1	06/04/2010 00:00:00	7693338
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PU010199	PU010199-US-PCT	US	PCT	06/09/2001 00:00:00	28/06/2002 00:00:00	10/488918	09/12/2004 00:00:00	2004-0249489-A1	16/10/2007 00:00:00	7283880

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Attachment A

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PD020082	PD020082-US-PCT	US	PCT	23/08/2002 00:00:00	05/08/2003 00:00:00	10/525182	15/06/2006 00:00:00	2006-0125718-A1	22/06/2010 00:00:00	7742109
PU030213	PU030213-US-PCT	US	PCT	21/07/2003 00:00:00	13/01/2004 00:00:00	10/563892	07/09/2006 00:00:00	2006-0197871-A1	24/08/2010 00:00:00	7782399
PD040067	PD040067-US-NP	US	NP	23/04/2004 00:00:00	22/04/2005 00:00:00	11/114208	27/10/2005 00:00:00	2005-0237044-A1	27/05/2008 00:00:00	7379310
PU040322	PU040322-US-NP	US	NP	22/11/2004 00:00:00	21/11/2005 00:00:00	11/284378	01/06/2006 00:00:00	2006-0115175-A1	09/07/2013 00:00:00	8483288
PF040040	PF040040-US-NP	US	NP	12/03/2004 00:00:00	08/03/2005 00:00:00	11/074954	15/09/2005 00:00:00	2005-0202719-A1	18/07/2006 00:00:00	7077698
PD040008	PD040008-US-PCT	US	PCT	08/01/2004 00:00:00	28/12/2004 00:00:00	10/585535	23/07/2009 00:00:00	2009-0184584-A1	23/11/2010 00:00:00	7839015
PU040164	PU040164-US-PCT	US	PCT	04/06/2004 00:00:00	04/06/2004 00:00:00	11/628280	04/10/2007 00:00:00	2007-0234380-A1	17/07/2012 00:00:00	8225345
PA050012	PA050012-US-NP	US	NP	27/05/2005 00:00:00	23/05/2006 00:00:00	11/439692	11/01/2007 00:00:00	2007-0009027-A1	30/08/2011 00:00:00	8009730
PU060147	PU060147-US-PCT	US	PCT	02/08/2006 00:00:00	31/07/2007 00:00:00	12/309540	06/08/2009 00:00:00	2009-0196342-A1		
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PU070002	PU070002-US-PCT	US	PCT	04/01/2007 00:00:00	04/01/2008 00:00:00	12/448460	22/07/2010 00:00:00	2010-0183068-A1	10/09/2013 00:00:00	8532175
PU080191	PU080191-US-PCT	US	PCT	20/03/2008 00:00:00	03/12/2008 00:00:00	12/736095	06/01/2011 00:00:00	2011-0004815-A1	30/04/2013 00:00:00	8433988
PF080034	PF080034-US-NP	US	NP	02/04/2008 00:00:00	24/03/2009 00:00:00	12/383386	08/10/2009 00:00:00	2009-0251613-A1	10/09/2013 00:00:00	8532189
PU080097	PU080097-US-PCT	US	PCT	29/10/2008 00:00:00	29/10/2008 00:00:00	12/998387	18/08/2011 00:00:00	2011-0200274-A1		
PU070276	PU070276-US-NP	US	NP	09/11/2007 00:00:00	10/11/2008 00:00:00	12/268255	21/05/2009 00:00:00	2009-0129465-A1	18/09/2012 00:00:00	8270472
PD110032	PD110032-US-NP	US	NP	30/11/2011 00:00:00	26/11/2012 00:00:00	13/684859	30/05/2013 00:00:00	2013-0139080-A1		
PU100228	PU100228-US-PCT	US	PCT	14/10/2010 00:00:00	14/10/2010 00:00:00	13/879211	01/08/2013 00:00:00	2013-0194511-A1	24/06/2014 00:00:00	8760587
PF110063	PF110063-US-PCT	US	PCT	20/09/2011 00:00:00	18/09/2012 00:00:00	14/345272				
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PF120045	PF120045-US-PCT	US	PCT	05/04/2012 00:00:00	02/04/2013 00:00:00	14/389785	02/04/2015 00:00:00	2015-0095931-A1		
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PF980055	PF980055-US-NP	US	NP	14/08/1998 00:00:00	13/08/1999 00:00:00	09/373696			21/05/2002 00:00:00	6393057
PD970075	PD970075-US-NP	US	NP	21/11/1997 00:00:00	20/11/1998 00:00:00	09/197959			06/11/2001 00:00:00	6313881
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PU010294	PU010294-US-NP	US	NP	21/03/2002 00:00:00	21/03/2002 00:00:00	10/103348	25/09/2003 00:00:00	2003-0178967-A1	25/11/2003 00:00:00	6653813

PATENT
REEL: 041035 FRAME: 0744

Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
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PU030153	PU030153-US-PCT	US	PCT	16/05/2003 00:00:00	30/04/2004 00:00:00	10/556538	01/02/2007 00:00:00	2007-0025283-A1	10/11/2009 00:00:00	7616706
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PU060112	PU060112-US-PCT	US	PCT	09/06/2006 00:00:00	09/06/2006 00:00:00	12/308137	10/12/2009 00:00:00	2009-0303247-A1		
PF060071	PF060071-US-PCT	US	PCT	12/05/2006 00:00:00	04/05/2007 00:00:00	12/227191	16/04/2009 00:00:00	2009-0096697-A1	12/04/2011 00:00:00	7924236
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PU100238	PU100238-US-PCT	US	PCT	28/10/2011 00:00:00	28/10/2011 00:00:00	14/353576	25/09/2013 00:00:00	2014-0285437-A1		
PU120028	PU120028-US-PCT	US	PCT	08/02/2012 00:00:00	20/12/2012 00:00:00	14/375009	01/01/2015 00:00:00	2015-0003536-A1		
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PU090146	PU090146-US-PCT	US	PCT	05/10/2009 00:00:00	30/09/2010 00:00:00	13/500119	09/08/2012 00:00:00	2012-0201311-A1		
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PD990010	PD990010-US-NP	US	NP	26/02/1999 00:00:00	11/02/2000 00:00:00	09/502647			12/09/2006 00:00:00	7106949
RCA88752	RCA88752-US-NP	US	NP	23/09/1997 00:00:00	01/10/1999 00:00:00	09/402294			22/07/2008 00:00:00	7404200
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PU020314	PU020314-US-NP	US	NP	05/07/2002 00:00:00	05/07/2002 00:00:00	10/190282	08/01/2004 00:00:00	2004-0004672-A1	17/05/2005 00:00:00	6894726
PU020045	PU020045-US-NP	US	NP	26/02/2002 00:00:00	26/02/2002 00:00:00	10/084773	28/08/2003 00:00:00	2003-0163821-A1	09/04/2013 00:00:00	8418210
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PU020168	PU020168-US-PCT	US	PCT	24/04/2002 00:00:00	21/04/2003 00:00:00	10/512366	11/08/2005 00:00:00	2005-0177856-A1	12/01/2010 00:00:00	7646431
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PF060003	PF060003-US-PCT	US	PCT	05/01/2006 00:00:00	18/12/2006 00:00:00	12/087349	10/09/2009 00:00:00	2009-0225846-A1	21/05/2013 00:00:00	8446956
PD030087	PD030087-US-PCT	US	PCT	20/08/2003 00:00:00	31/07/2004 00:00:00	10/568175	05/10/2006 00:00:00	2006-0221526-A1	19/06/2007 00:00:00	7233085
PU070102	PU070102-US-PCT	US	PCT	16/01/2007 00:00:00	12/06/2007 00:00:00	12/522726	13/05/2010 00:00:00	2010-0119173-A1	03/12/2013 00:00:00	8600184
PU070136	PU070136-US-PCT	US	PCT	12/06/2007 00:00:00	29/05/2008 00:00:00	12/451543	20/05/2010 00:00:00	2010-0124273-A1		
PU070152	PU070152-US-PCT	US	PCT	27/06/2007 00:00:00	27/06/2007 00:00:00	12/452186	13/05/2010 00:00:00	2010-0118217-A1	18/06/2013 00:00:00	8467007
PU060262	PU060262-US-PCT	US	PCT	21/12/2006 00:00:00	21/12/2006 00:00:00	12/448394	21/10/2010 00:00:00	2010-0265264-A1		
PU070297	PU070297-US-PCT	US	PCT	14/12/2007 00:00:00	14/12/2007 00:00:00	12/735085	16/06/2011 00:00:00	2011-0141366-A1	18/09/2012 00:00:00	8269894
PU100233	PU100233-US-PCT	US	PCT	01/10/2010 00:00:00	30/09/2011 00:00:00	13/876377	25/07/2013 00:00:00	2013-0191788-A1		
PF090128	PF090128-US-PCT	US	PCT	21/12/2009 00:00:00	20/12/2010 00:00:00	13/517449	11/10/2012 00:00:00	2012-0260165-A1		
PU050057	PU050057-US-CNT	US	CNT	18/04/2005 00:00:00	16/01/2014 00:00:00	14/156604	22/05/2014 00:00:00	2014-0143812-A1		
PF110143	PF110143-US-NP	US	NP	05/09/2011 00:00:00	04/09/2012 00:00:00	13/602361	07/03/2013 00:00:00	2013-0057524-A1		
PU100068	PU100068-US-PCT	US	PCT	10/03/2010 00:00:00	04/03/2011 00:00:00	13/583338	28/02/2013 00:00:00	2013-0051453-A1		
PD060075	PD060075-US-DIV	US	DIV	08/08/2006 00:00:00	10/09/2012 00:00:00	13/608018	07/03/2013 00:00:00	2013-0058491-A1		
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PF100078	PF100078-US-NP	US	NP	28/09/2010 00:00:00	26/09/2011 00:00:00	13/200568	12/04/2012 00:00:00	2012-0087101-A1		
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PF000066	PF000066-US-PCT	US	PCT	27/06/2000 00:00:00	27/06/2001 00:00:00	10/311726	12/02/2004 00:00:00	2004-0031047-A1	13/05/2014 00:00:00	8726307
PU010056	PU010056-US-NP	US	NP	14/03/2001 00:00:00	14/03/2001 00:00:00	09/808541	19/09/2002 00:00:00	2002-0132508-A1	08/04/2003 00:00:00	6544063
PU010191	PU010191-US-NP	US	NP	31/08/2001 00:00:00	24/07/2002 00:00:00	10/202324	06/03/2003 00:00:00	2003-0043296-A1	03/06/2014 00:00:00	8743285
RCA89893	RCA89893-US-NP	US	NP	30/12/1999 00:00:00	30/12/1999 00:00:00	09/475449			25/12/2007 00:00:00	7313803
RCA89923	RCA89923-US-NP	US	NP	17/11/1999 00:00:00	26/06/2000 00:00:00	09/603230			22/06/2004 00:00:00	6753928

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REEL: 041035 FRAME: 0745

Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PU030010	PU030010-US-PCT	US	PCT	07/01/2003 00:00:00	06/01/2004 00:00:00	10/541603	13/07/2006 00:00:00	2006-0153297-A1	16/12/2008 00:00:00	7466774
PD030107	PD030107-US-PCT	US	PCT	10/10/2003 00:00:00	18/09/2004 00:00:00	10/574672	15/03/2007 00:00:00	2007-0058399-A1	07/10/2008 00:00:00	7433210
PD010078	PD010078-US-PCT	US	PCT	28/12/2001 00:00:00	14/12/2002 00:00:00	10/500204	20/01/2005 00:00:00	2005-0015402-A1	15/04/2008 00:00:00	7359917
PF030066	PF030066-US-NP	US	NP	30/04/2003 00:00:00	30/04/2004 00:00:00	10/836541	03/11/2005 00:00:00	2005-0241876-A1	29/04/2008 00:00:00	7364009
PF020057	PF020057-US-PCT	US	PCT	30/05/2002 00:00:00	23/05/2003 00:00:00	10/515534	03/11/2005 00:00:00	2005-0246336-A1	13/08/2013 00:00:00	8510676
PU030168	PU030168-US-PCT	US	PCT	18/06/2003 00:00:00	16/06/2004 00:00:00	10/560480	07/12/2006 00:00:00	2006-0274737-A1	26/01/2010 00:00:00	7652999
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PU040051	PU040051-US-PCT	US	PCT	14/01/2005 00:00:00	14/01/2005 00:00:00	11/795062	31/01/2008 00:00:00	2008-0025376-A1	14/05/2013 00:00:00	8442094
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PU050096	PU050096-US-CNT[1]	US	CNT	11/05/2000 00:00:00	26/02/2004 00:00:00	10/788559	02/09/2004 00:00:00	2004-0172343-A1	08/12/2009 00:00:00	7631072
PD050097	PD050097-US-NP	US	NP	04/11/2005 00:00:00	01/11/2006 00:00:00	11/591655	10/05/2007 00:00:00	2007-0103881-A1	24/06/2008 00:00:00	7391621
PA060002	PA060002-US-PCT	US	PCT	10/01/2006 00:00:00	05/12/2006 00:00:00	12/087553	01/01/2009 00:00:00	2009-0003445-A1	17/12/2013 00:00:00	8611412
PU060007	PU060007-US-PCT	US	PCT	09/01/2006 00:00:00	09/01/2007 00:00:00	12/087020	29/01/2009 00:00:00	2009-0028249-A1		
PU050202	PU050202-US-PCT	US	PCT	24/08/2005 00:00:00	09/08/2006 00:00:00	11/990359	05/02/2009 00:00:00	2009-0037957-A1	01/07/2014 00:00:00	8769579
PD070023	PD070023-US-PCT	US	PCT	12/04/2007 00:00:00	08/04/2008 00:00:00	12/450746	25/02/2010 00:00:00	2010-0049778-A1	14/05/2013 00:00:00	8443025
PF060029	PF060029-US-PCT	US	PCT	27/02/2006 00:00:00	22/02/2007 00:00:00	12/224188	28/05/2009 00:00:00	2009-0136021-A1	05/03/2013 00:00:00	8391473
PU060141	PU060141-US-PCT	US	PCT	18/07/2006 00:00:00	05/07/2007 00:00:00	12/309058	26/11/2009 00:00:00	2009-0290637-A1		
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PU080009	PU080009-US-PCT	US	PCT	17/01/2008 00:00:00	15/01/2009 00:00:00	12/735441	03/03/2011 00:00:00	2011-0051807-A1		
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PU100076	PU100076-US-PCT	US	PCT	12/01/2012 00:00:00	12/01/2012 00:00:00	14/370003				
PF120038	PF120038-US-PCT	US	PCT	05/03/2012 00:00:00	04/03/2013 00:00:00	14/382569				
PA110066	PA110066-US-PCT	US	PCT	24/11/2011 00:00:00	24/11/2011 00:00:00	14/359926	11/09/2014 00:00:00	2014-0254938-A1		
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PU120035	PU120035-US-PCT	US	PCT	09/03/2012 00:00:00	09/08/2012 00:00:00	14/376632				
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PU020191	PU020191-US-DIV	US	DIV	26/04/2002 00:00:00	01/07/2009 00:00:00	12/459468	17/12/2009 00:00:00	2009-0310031-A1	19/07/2011 00:00:00	7983638
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RCA88490	RCA88490-US-NP	US	NP	19/12/1996 00:00:00	19/12/1996 00:00:00	08/769332			01/08/2000 00:00:00	6097442
RCA88471	RCA88471-US-NP	US	NP	13/11/1996 00:00:00	29/04/1999 00:00:00	09/297415			07/11/2000 00:00:00	6144566
PD960011	PD960011-US-NP	US	NP	09/03/1996 00:00:00	10/02/1997 00:00:00	08/797913			26/10/1999 00:00:00	5973753
RCA88796	RCA88796-US-NP	US	NP	18/12/1997 00:00:00	16/06/2000 00:00:00	09/581709			24/04/2007 00:00:00	7210158
RCA88878	RCA88878-US-NP	US	NP	26/06/2000 00:00:00	26/06/2000 00:00:00	09/603339			03/01/2012 00:00:00	8091106
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RCA89209	RCA89209-US-PCT	US	PCT	30/09/1998 00:00:00	30/09/1999 00:00:00	09/806215			18/05/2004 00:00:00	6738098
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RCA89750	RCA89750-US-PCT	US	PCT	23/11/1999 00:00:00	22/11/2000 00:00:00	10/148224			12/12/2006 00:00:00	7149259
RCA89751	RCA89751-US-PCT	US	PCT	23/11/1999 00:00:00	22/11/2000 00:00:00	10/130589			25/09/2007 00:00:00	7274653
RCA90236	RCA90236-US-PCT	US	PCT	30/11/2000 00:00:00	29/11/2001 00:00:00	10/182484	30/01/2003 00:00:00	2003-0020724-A1	14/11/2006 00:00:00	7136036
PU020321	PU020321-US-NP	US	NP	10/07/2002 00:00:00	10/07/2002 00:00:00	10/192039	15/01/2004 00:00:00	2004-0008286-A1	02/05/2006 00:00:00	7038730
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RCA89717	RCA89717-US-NP	US	NP	10/09/1999 00:00:00	10/09/1999 00:00:00	09/394358			12/11/2002 00:00:00	6480539
RCA89869	RCA89869-US-NP	US	NP	19/09/2000 00:00:00	19/09/2000 00:00:00	09/666021			24/09/2002 00:00:00	6456135
PU020121	PU020121-US-PCT	US	PCT	17/04/2002 00:00:00	10/03/2003 00:00:00	10/511655	17/11/2005 00:00:00	2005-0257123-A1	12/12/2006 00:00:00	7149952
PF030043	PF030043-US-PCT	US	PCT	03/03/2003 00:00:00	20/02/2004 00:00:00	10/546791	28/06/2007 00:00:00	2007-0147492-A1	10/04/2012 00:00:00	8155192
PU020155	PU020155-US-PCT	US	PCT	24/04/2002 00:00:00	22/04/2003 00:00:00	10/512358	11/08/2005 00:00:00	2005-0174254-A1	16/08/2011 00:00:00	8001300
PU020485	PU020485-US-PCT	US	PCT	04/12/2002 00:00:00	07/07/2003 00:00:00	10/537113	14/09/2006 00:00:00	2006-0203134-A1	17/07/2007 00:00:00	7245327
PU020191	PU020191-US-PCT	US	PCT	26/04/2002 00:00:00	25/04/2003 00:00:00	10/512525	27/10/2005 00:00:00	2005-0237389-A1	23/02/2010 00:00:00	7668519
PU020486	PU020486-US-PCT	US	PCT	03/12/2002 00:00:00	13/11/2003 00:00:00	10/537083	16/03/2006 00:00:00	2006-0056520-A1	22/03/2011 00:00:00	7912125
PU020067	PU020067-US-PCT	US	PCT	27/03/2002 00:00:00	19/03/2003 00:00:00	10/509047	04/08/2005 00:00:00	2005-0168631-A1	08/04/2008 00:00:00	7355650
PU020450	PU020450-US-PCT	US	PCT	07/11/2002 00:00:00	31/10/2003 00:00:00	10/533027	18/05/2006 00:00:00	2006-0103760-A1	16/10/2007 00:00:00	7283175
PF010083	PF010083-US-PCT	US	PCT	27/07/2001 00:00:00	24/07/2002 00:00:00	10/485027	23/09/2004 00:00:00	2004-0184548-A1	17/04/2012 00:00:00	8160159
PF030149	PF030149-US-NP	US	NP	25/09/2003 00:00:00	24/09/2004 00:00:00	10/949021	31/03/2005 00:00:00	2005-0071873-A1		
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PF020058	PF020058-US-PCT	US	PCT	03/06/2002 00:00:00	28/05/2003 00:00:00	10/516711	06/04/2006 00:00:00	2006-0075159-A1	10/08/2010 00:00:00	7773732
PU050005	PU050005-US-PCT	US	PCT	02/04/2004 00:00:00	31/03/2005 00:00:00	10/593915	13/09/2007 00:00:00	2007-0211798-A1	14/02/2012 00:00:00	8116376
PU040304	PU040304-US-PCT	US	PCT	04/11/2004 00:00:00	19/10/2005 00:00:00	11/666061	25/09/2008 00:00:00	2008-0232463-A1	29/10/2013 00:00:00	8571100
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PF050065	PF050065-US-NP	US	NP	04/04/2005 00:00:00	30/03/2006 00:00:00	11/393476	05/10/2006 00:00:00	2006-0220591-A1	09/10/2007 00:00:00	7279808
PF050159	PF050159-US-PCT	US	PCT	27/09/2005 00:00:00	20/09/2006 00:00:00	11/992619	03/09/2009 00:00:00	2009-0219304-A1	26/03/2013 00:00:00	8405683
PU070115	PU070115-US-PCT	US	PCT	22/05/2007 00:00:00	22/05/2007 00:00:00	12/451398	12/05/2011 00:00:00	2011-0109652-A1		
PU060204	PU060204-US-PCT	US	PCT	25/10/2006 00:00:00	22/10/2007 00:00:00	12/311668	04/02/2010 00:00:00	2010-0027622-A1		
PU060228	PU060228-US-PCT	US	PCT	04/12/2006 00:00:00	04/12/2006 00:00:00	12/312662	06/01/2011 00:00:00	2011-0001877-A1	21/01/2014 00:00:00	8634029
PD080023	PD080023-US-NP	US	NP	18/03/2008 00:00:00	03/03/2009 00:00:00	12/380699	24/09/2009 00:00:00	2009-0238282-A1	31/12/2013 00:00:00	8619862
PU070224	PU070224-US-PCT	US	PCT	14/01/2008 00:00:00	14/01/2008 00:00:00	12/735369	11/11/2010 00:00:00	2010-0284494-A1	17/03/2015 00:00:00	8983004
PF110096	PF110096-US-NP	US	NP	24/06/2011 00:00:00	25/06/2012 00:00:00	13/531645	27/12/2012 00:00:00	2012-0328262-A1	22/10/2013 00:00:00	8565585
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PF110146	PF110146-US-NP	US	NP	13/09/2011 00:00:00	13/09/2012 00:00:00	13/615314	19/09/2013 00:00:00	2013-0243336-A1	15/09/2015 00:00:00	9135721
PF100023	PF100023-US-PCT	US	PCT	01/04/2010 00:00:00	31/03/2011 00:00:00	13/635199	10/01/2013 00:00:00	2013-0013803-A1		
PD110008	PD110008-US-PCT	US	PCT	10/02/2011 00:00:00	27/01/2012 00:00:00	13/984060	28/11/2013 00:00:00	2013-0315559-A1		
PF120051	PF120051-US-PCT	US	PCT	19/04/2012 00:00:00	08/04/2013 00:00:00	14/394648	26/03/2015 00:00:00	2015-0085087-A1		
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Attachment A

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PF110127	PF110127-US-PCT	US	PCT	01/12/2011 00:00:00	29/11/2012 00:00:00	14/361414	06/11/2014 00:00:00	2014-0330887-A1		
PU090070	PU090070-US-CNT	US	CNT	08/07/2009 00:00:00	05/05/2015 00:00:00	14/704356	20/08/2015 00:00:00	2015-0237179-A1		
PU090020	PU090020-US-PCT	US	PCT	05/02/2009 00:00:00	11/12/2009 00:00:00	13/138239	24/11/2011 00:00:00	2011-0286513-A1		
RCA88116	RCA88116-US-NP	US	NP	18/03/1997 00:00:00	18/03/1997 00:00:00	08/819970			17/07/2001 00:00:00	6263502
RCA88541	RCA88541-US-NP	US	NP	05/12/1997 00:00:00	05/06/2000 00:00:00	09/555854			06/08/2002 00:00:00	6429828
RCA88461	RCA88461-US-NP	US	NP	19/12/1996 00:00:00	19/12/1996 00:00:00	08/769333			30/11/1999 00:00:00	5995160
PD960038	PD960038-US-NP	US	NP	05/07/1996 00:00:00	30/06/1997 00:00:00	08/885223			19/10/1999 00:00:00	5970397
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PD980092	PD980092-US-DIV[1]	US	DIV	14/12/1998 00:00:00	05/11/2002 00:00:00	10/288097	10/04/2003 00:00:00	2003-0068997-A1	16/01/2007 00:00:00	7164896
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PU110012	PU110012-US-PCT	US	PCT	10/01/2011 00:00:00	10/01/2012 00:00:00	13/977850	07/11/2013 00:00:00	2013-0293777-A1	21/04/2015 00:00:00	9013671

PATENT
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Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
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PU080029	PU080029-US-PCT	US	PCT	20/03/2008 00:00:00	07/11/2008 00:00:00	12/736033	06/01/2011 00:00:00	2011-0004902-A1		
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PA080006	PA080006-US-PCT	US	PCT	19/02/2008 00:00:00	03/02/2009 00:00:00	12/735764	09/12/2010 00:00:00	2010-0310187-A1	02/07/2013 00:00:00	8478060
PD100043	PD100043-US-PCT	US	PCT	12/08/2010 00:00:00	01/08/2011 00:00:00	13/814670	30/05/2013 00:00:00	2013-0136420-A1		
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PU110111	PU110111-US-PCT	US	PCT	18/01/2012 00:00:00	18/01/2012 00:00:00	14/372228	18/06/2015 00:00:00	2015-0172776-A1		
PA110021	PA110021-US-PCT	US	PCT	24/06/2011 00:00:00	24/06/2011 00:00:00	14/128549	15/05/2014 00:00:00	2014-0136728-A1		
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PF100115	PF100115-US-NP	US	NP	15/02/2011 00:00:00	14/02/2012 00:00:00	13/373000	16/08/2012 00:00:00	2012-0206569-A1		
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RCA88535	RCA88535-US-NP	US	NP	23/12/1997 00:00:00	22/06/2000 00:00:00	09/582186			31/08/2004 00:00:00	6784943
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RCA89041	RCA89041-US-NP	US	NP	13/07/1998 00:00:00	12/11/1998 00:00:00	09/190309			09/10/2012 00:00:00	8286207
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PD960031	PD960031-US-NP	US	NP	15/05/1996 00:00:00	01/05/1997 00:00:00	08/847025			02/02/1999 00:00:00	5867373
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PU010052	PU010052-US-NP	US	NP	28/02/2001 00:00:00	19/09/2001 00:00:00	09/956332	29/08/2002 00:00:00	2002-0118297-A1	04/04/2006 00:00:00	7023491
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PU020150	PU020150-US-PCT	US	PCT	23/04/2002 00:00:00	15/04/2003 00:00:00	10/512370	04/08/2005 00:00:00	2005-0169601-A1	17/05/2011 00:00:00	7945930
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PU040209	PU040209-US-PCT	US	PCT	10/08/2004 00:00:00	10/08/2004 00:00:00	11/659774	22/11/2007 00:00:00	2007-0268409-A1	07/01/2014 00:00:00	8624980
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PATENT
REEL: 041035 FRAME: 0748

Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
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RCA88226	RCA88226-US-NP	US	NP	16/10/1996 00:00:00	23/03/1999 00:00:00	09/269246			26/02/2002 00:00:00	6351292
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PD040071	PD040071-US-NP	US	NP	05/05/2004 00:00:00	03/05/2005 00:00:00	11/120604	10/11/2005 00:00:00	2005-0248327-A1	05/06/2007 00:00:00	7227344
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PU050272	PU050272-US-PCT	US	PCT	01/12/2005 00:00:00	06/11/2006 00:00:00	12/085736	16/04/2009 00:00:00	2009-0100467-A1	05/08/2014 00:00:00	8799946
PA050018	PA050018-US-PCT	US	PCT	27/05/2005 00:00:00	03/05/2006 00:00:00	11/920819	12/02/2009 00:00:00	2009-0041121-A1	26/02/2013 00:00:00	8385432
PU050125	PU050125-US-PCT	US	PCT	30/06/2005 00:00:00	30/06/2005 00:00:00	11/922470	28/05/2009 00:00:00	2009-0134774-A1	08/05/2012 00:00:00	8174177
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PU090185	PU090185-US-PCT	US	PCT	09/12/2009 00:00:00	09/12/2009 00:00:00	13/512373	20/09/2012 00:00:00	2012-0240168-A1	03/03/2015 00:00:00	8973059
PA080087	PA080087-US-NP	US	NP	30/03/2009 00:00:00	08/03/2010 00:00:00	12/660962	30/09/2010 00:00:00	2010-0246597-A1		
PU090014	PU090014-US-PCT	US	PCT	03/02/2009 00:00:00	11/12/2009 00:00:00	13/138342	01/12/2011 00:00:00	2011-0293013-A1		
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RCA89213	RCA89213-US-NP	US	NP	17/09/1998 00:00:00	01/09/2000 00:00:00	09/555853			18/02/2003 00:00:00	6522870
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PD960045	PD960045-US-NP	US	NP	26/07/1996 00:00:00	25/07/1997 00:00:00	08/900949			18/09/2001 00:00:00	6292199
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PF030012	PF030012-US-NP	US	NP	30/01/2003 00:00:00	29/01/2004 00:00:00	10/767759	23/09/2004 00:00:00	2004-0183740-A1	04/04/2006 00:00:00	7023396
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PD040009	PD040009-US-NP	US	NP	21/01/2004 00:00:00	14/01/2005 00:00:00	11/036663	21/07/2005 00:00:00	2005-0157797-A1	31/01/2012 00:00:00	8107532
PF030059	PF030059-US-NP	US	NP	31/03/2003 00:00:00	29/03/2004 00:00:00	10/812131	14/10/2004 00:00:00	2004-0201437-A1	18/04/2006 00:00:00	7030720
PU040251	PU040251-US-PCT	US	PCT	16/09/2004 00:00:00	14/09/2005 00:00:00	11/662505	22/05/2008 00:00:00	2008-0117976-A1	26/02/2013 00:00:00	8385416
PU040258	PU040258-US-PCT	US	PCT	16/09/2004 00:00:00	14/09/2005 00:00:00	11/662435	01/05/2008 00:00:00	2008-0101471-A1	18/09/2012 00:00:00	8270480
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PF010046	PF010046-US-NP	US	NP	21/05/2001 00:00:00	07/05/2002 00:00:00	10/140561	05/12/2002 00:00:00	2002-0181591-A1	15/08/2006 00:00:00	7092443
PD010035	PD010035-US-NP	US	NP	24/07/2001 00:00:00	24/07/2002 00:00:00	10/202291	06/03/2003 00:00:00	2003-0046446-A1	11/07/2006 00:00:00	7076642
PU000182	PU000182-US-NP	US	NP	21/12/2000 00:00:00	21/12/2000 00:00:00	09/745223	27/06/2002 00:00:00	2002-0080282-A1	20/09/2005 00:00:00	6947099
RCA89717	RCA89717-US-DIV[2]	US	DIV	10/09/1999 00:00:00	14/05/2002 00:00:00	10/145221	14/11/2002 00:00:00	2002-0168012-A1	08/04/2003 00:00:00	6546050
RCA90253	RCA90253-US-PCT	US	PCT	10/08/2000 00:00:00	29/06/2001 00:00:00	10/343600	01/04/2004 00:00:00	2004-0062524-A1	12/07/2011 00:00:00	7978959

PATENT
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Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
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PU030038	PU030038-US-PCT	US	PCT	23/01/2003 00:00:00	23/01/2004 00:00:00	10/542668	25/05/2006 00:00:00	2006-0109914-A1		
PU020066	PU020066-US-PCT	US	PCT	27/03/2002 00:00:00	19/03/2003 00:00:00	10/509215	13/10/2005 00:00:00	2005-0225672-A1	11/09/2007 00:00:00	7268821
CPT00011	CPT00011-US-CIP[1]	US	CIP	01/12/2000 00:00:00	28/11/2001 00:00:00	09/995481	06/06/2002 00:00:00	2002-0067376-A1	06/02/2007 00:00:00	7174512
PU010214	PU010214-US-PCT	US	PCT	25/09/2000 00:00:00	25/09/2001 00:00:00	10/380717	12/02/2004 00:00:00	2004-0029537-A1	04/05/2010 00:00:00	7710503
PU030090	PU030090-US-PCT	US	PCT	20/03/2003 00:00:00	19/03/2004 00:00:00	10/549825	19/10/2006 00:00:00	2006-0235993-A1	10/11/2009 00:00:00	7617326
PF030011	PF030011-US-PCT	US	PCT	03/01/2003 00:00:00	22/12/2003 00:00:00	10/540642	13/07/2006 00:00:00	2006-0152298-A1	03/06/2008 00:00:00	7382212
PF050005	PF050005-US-NP	US	NP	06/01/2005 00:00:00	21/12/2005 00:00:00	11/314380	06/07/2006 00:00:00	2006-0147116-A1	01/12/2009 00:00:00	7627175
PU040009	PU040009-US-PCT	US	PCT	13/02/2004 00:00:00	09/02/2005 00:00:00	10/589167	09/08/2007 00:00:00	2007-0184790-A1	25/08/2009 00:00:00	7580722
PU040241	PU040241-US-PCT	US	PCT	31/08/2004 00:00:00	07/06/2005 00:00:00	11/660473	13/03/2008 00:00:00	2008-0063065-A1		
PU040257	PU040257-US-PCT	US	PCT	06/02/2006 00:00:00	01/02/2007 00:00:00	12/087915	02/07/2009 00:00:00	2009-0168884-A1	21/01/2014 00:00:00	8634469
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PA060024	PA060024-US-PCT	US	PCT	17/07/2006 00:00:00	17/07/2006 00:00:00	12/309336	09/07/2009 00:00:00	2009-0175330-A1	15/05/2012 00:00:00	8179961
PF060194	PF060194-US-PCT	US	PCT	21/12/2006 00:00:00	17/12/2007 00:00:00	12/448447	04/03/2010 00:00:00	2010-0053199-A1	22/05/2012 00:00:00	8184125
PU070130	PU070130-US-PCT	US	PCT	21/06/2007 00:00:00	21/06/2007 00:00:00	12/451624	03/06/2010 00:00:00	2010-0134633-A1	08/05/2012 00:00:00	8174616
PD060075	PD060075-US-PCT	US	PCT	08/08/2006 00:00:00	07/08/2007 00:00:00	12/309791	19/11/2009 00:00:00	2009-0287326-A1	23/10/2012 00:00:00	8295958
PF070112	PF070112-US-PCT	US	PCT	25/10/2007 00:00:00	22/10/2008 00:00:00	12/734209	16/09/2010 00:00:00	2010-0231805-A1	22/07/2014 00:00:00	8786786
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PF120030	PF120030-US-PCT	US	PCT	23/04/2012 00:00:00	04/04/2013 00:00:00	14/395473				
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PU090198	PU090198-US-PCT	US	PCT	15/01/2010 00:00:00	15/01/2010 00:00:00	13/518658	18/10/2012 00:00:00	2012-0266003-A1	18/11/2014 00:00:00	8892920
RCA88504	RCA88504-US-NP	US	NP	12/08/1997 00:00:00	12/08/1997 00:00:00	08/910709			16/09/2003 00:00:00	6621934
RCA86946	RCA86946-US-NP	US	NP	20/09/1996 00:00:00	20/09/1996 00:00:00	08/717093			05/10/1999 00:00:00	5963267
PD970034	PD970034-US-NP	US	NP	04/06/1997 00:00:00	03/06/1998 00:00:00	09/090080			02/01/2001 00:00:00	6169586
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RCA88285B	RCA88285B-US-DIV	US	DIV	02/12/1996 00:00:00	23/12/1999 00:00:00	09/470711			01/05/2001 00:00:00	6226235
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PU010042	PU010042-US-PCT	US	PCT	28/02/2001 00:00:00	28/02/2002 00:00:00	10/468881	13/05/2004 00:00:00	2004-0093616-A1	05/10/2010 00:00:00	7810119
RCA90235	RCA90235-US-PCT	US	PCT	08/06/2000 00:00:00	08/06/2001 00:00:00	10/297546	01/07/2004 00:00:00	2004-0125818-A1	27/03/2012 00:00:00	8144690
PU010129	PU010129-US-NP	US	NP	12/06/2001 00:00:00	12/06/2001 00:00:00	09/879288	12/12/2002 00:00:00	2002-0188949-A1	27/05/2008 00:00:00	7380262
PU020319	PU020319-US-PCT	US	PCT	27/06/2002 00:00:00	26/06/2003 00:00:00	10/518999	13/10/2005 00:00:00	2005-0229207-A1	28/10/2008 00:00:00	7444657
PD010032	PD010032-US-PCT	US	PCT	23/06/2001 00:00:00	03/06/2002 00:00:00	10/481086	02/09/2004 00:00:00	2004-0169732-A1	05/06/2007 00:00:00	7227596
PD030122	PD030122-US-PCT	US	PCT	03/09/2003 00:00:00	23/08/2004 00:00:00	10/570092	04/12/2008 00:00:00	2008-0298464-A1	06/09/2011 00:00:00	8014447
PU030298	PU030298-US-PCT	US	PCT	07/11/2003 00:00:00	01/11/2004 00:00:00	10/577267	14/06/2007 00:00:00	2007-0136749-A1	08/05/2012 00:00:00	8176517
PU040277	PU040277-US-PCT	US	PCT	24/01/2005 00:00:00	24/01/2005 00:00:00	11/795436	04/12/2008 00:00:00	2008-0298470-A1		
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PU100220	PU100220-US-PCT	US	PCT	18/11/2010 00:00:00	18/11/2010 00:00:00	13/885523	05/09/2013 00:00:00	2013-0229500-A1		
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PF090023	PF090023-US-PCT	US	PCT	05/03/2009 00:00:00	24/02/2010 00:00:00	13/138541	26/04/2012 00:00:00	2012-0098722-A1	11/08/2015 00:00:00	9105983
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PF100124	PF100124-US-NP	US	NP	22/12/2010 00:00:00	22/12/2011 00:00:00	13/334833	28/06/2012 00:00:00	2012-0167143-A1		
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RCA88569	RCA88569-US-NP	US	NP		15/11/1999 00:00:00	09/423868			22/07/2003 00:00:00	6597750
RCA88269	RCA88269-US-NP	US	NP	31/05/1996 00:00:00	13/08/1996 00:00:00	08/696415			19/05/1998 00:00:00	5754651
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RCA88760	RCA88760-US-NP	US	NP	31/10/1997 00:00:00	26/08/1998 00:00:00	08/140207			12/03/2002 00:00:00	6356598
RCA86464	RCA86464-US-NP	US	NP	29/12/1997 00:00:00	23/06/2000 00:00:00	09/582381			17/01/2006 00:00:00	6987583
PF960037	PF960037-US-CPA[1]	US	CPA	28/11/1996 00:00:00	23/07/1998 00:00:00	09/121377			23/04/2002 00:00:00	6377709
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PA000008	PA000008-US-NP	US	NP	19/04/2000 00:00:00	18/04/2001 00:00:00	09/837393	25/10/2001 00:00:00	2001-0033198-A1	03/06/2003 00:00:00	6573786
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RCA89647	RCA89647-US-PCT	US	PCT	15/07/1999 00:00:00	22/12/1999 00:00:00	10/030796			16/01/2007 00:00:00	7164449
PU020028	PU020028-US-NP	US	NP	25/01/2002 00:00:00	25/01/2002 00:00:00	10/056914	31/07/2003 00:00:00	2003-0142212-A1	17/07/2007 00:00:00	7245316
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Attachment A

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RCA89271	RCA89271-US-PCT	US	PCT	29/06/2001 00:00:00	29/06/2001 00:00:00	10/482085	21/10/2004 00:00:00	2004-0210924-A1	20/09/2011 00:00:00	8024752
PD020109	PD020109-US-NP	US	NP	04/12/2002 00:00:00	24/11/2003 00:00:00	10/720917	29/07/2004 00:00:00	2004-0148411-A1	01/07/2008 00:00:00	7395318
PU020246	PU020246-US-PCT	US	PCT	15/05/2002 00:00:00	15/05/2003 00:00:00	10/514227	13/10/2005 00:00:00	2005-0225674-A1	31/03/2009 00:00:00	7511761
PF030101	PF030101-US-PCT	US	PCT	03/07/2003 00:00:00	02/07/2004 00:00:00	10/562663	06/09/2007 00:00:00	2007-0209050-A1		
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PU040054	PU040054-US-PCT	US	PCT	14/01/2005 00:00:00	14/01/2005 00:00:00	11/792885	05/06/2008 00:00:00	2008-0130546-A1	08/03/2011 00:00:00	7903722
PU050225	PU050225-US-NP	US	NP	18/10/2004 00:00:00	17/10/2005 00:00:00	11/251696	20/04/2006 00:00:00	2006-0083426-A1	19/07/2011 00:00:00	7982743
PF040086	PF040086-US-NP	US	NP	09/06/2004 00:00:00	08/06/2005 00:00:00	11/147957	29/12/2005 00:00:00	2005-0287977-A1	08/04/2008 00:00:00	7355496
PD050042	PD050042-US-NP	US	NP	24/05/2005 00:00:00	24/05/2005 00:00:00	11/136646	30/11/2006 00:00:00	2006-0267565-A1	12/05/2009 00:00:00	7532494
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PU060105	PU060105-US-PCT	US	PCT	12/06/2006 00:00:00	12/06/2006 00:00:00	12/227277	17/09/2009 00:00:00	2009-0232473-A1		
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PU100256	PU100256-US-PCT	US	PCT	22/12/2010 00:00:00	02/12/2011 00:00:00	13/991651	10/10/2013 00:00:00	2013-0268974-A1		
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RCA88030	RCA88030-US-NP	US	NP	07/03/1996 00:00:00	30/07/1998 00:00:00	09/117485			26/12/2000 00:00:00	6166703
PF980096	PF980096-US-NP	US	NP	31/12/1998 00:00:00	20/12/1999 00:00:00	09/467404			23/09/2003 00:00:00	6625263
RCA88947	RCA88947-US-NP	US	NP	23/06/1998 00:00:00	23/06/1998 00:00:00	09/102885			09/11/2004 00:00:00	6816548
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PF010151	PF010151-US-PCT	US	PCT	21/11/2001 00:00:00	07/11/2002 00:00:00	10/496034	13/01/2005 00:00:00	2005-0010946-A1	28/08/2007 00:00:00	7262814
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PU040094	PU040094-US-PCT	US	PCT	14/05/2004 00:00:00	14/05/2004 00:00:00	11/596348	07/02/2008 00:00:00	2008-0034397-A1		
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PU050055	PU050055-US-PCT	US	PCT	14/04/2005 00:00:00	20/03/2006 00:00:00	11/887808	19/03/2009 00:00:00	2009-0074070-A1	08/10/2013 00:00:00	8553777
PU060241	PU060241-US-PCT	US	PCT	14/12/2006 00:00:00	14/12/2006 00:00:00	12/448154	11/03/2010 00:00:00	2010-0061694-A1	25/09/2012 00:00:00	8274526
PU060201	PU060201-US-PCT	US	PCT	18/10/2006 00:00:00	11/10/2007 00:00:00	12/311036	24/09/2009 00:00:00	2009-0238276-A1	24/09/2013 00:00:00	8542736
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PU060038	PU060038-US-PCT	US	PCT	16/06/2006 00:00:00	16/06/2006 00:00:00	12/227673	09/07/2009 00:00:00	2009-0174822-A1	02/12/2014 00:00:00	8902369
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PU110134	PU110134-US-PCT	US	PCT	04/01/2012 00:00:00	20/12/2012 00:00:00	14/368558				
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PU100014	PU100014-US-PCT	US	PCT	22/01/2010 00:00:00	21/01/2011 00:00:00	13/522024	15/11/2012 00:00:00	2012-0288015-A1		
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RCA89038	RCA89038-US-PCT	US	PCT	16/05/1998 00:00:00	11/05/1999 00:00:00	09/700359			30/11/2004 00:00:00	6825836
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PU010283	PU010283-US-NP	US	NP	12/12/2001 00:00:00	12/06/2002 00:00:00	10/164683	12/06/2003 00:00:00	2003-0108201-A1	09/06/2009 00:00:00	7545937

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Attachment A

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
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PU040213	PU040213-US-PCT	US	PCT	26/08/2003 00:00:00	24/08/2004 00:00:00	10/569319	11/01/2007 00:00:00	2007-0009044-A1	27/12/2011 00:00:00	8085846
PU030281	PU030281-US-PCT	US	PCT	16/10/2002 00:00:00	16/10/2003 00:00:00	10/531121	27/07/2006 00:00:00	2006-0164868-A1	22/08/2006 00:00:00	7095630
PU030249	PU030249-US-PCT	US	PCT	20/08/2003 00:00:00	04/08/2004 00:00:00	10/566881	16/11/2006 00:00:00	2006-0256871-A1	07/06/2011 00:00:00	7957469
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PU060120	PU060120-US-PCT	US	PCT	21/06/2006 00:00:00	21/06/2006 00:00:00	12/308590	16/09/2010 00:00:00	2010-0231117-A1	20/03/2012 00:00:00	8138664
PU060127	PU060127-US-PCT	US	PCT	10/07/2006 00:00:00	15/06/2007 00:00:00	12/309249	31/12/2009 00:00:00	2009-0323803-A1		
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PF110125	PF110125-US-PCT	US	PCT	26/09/2011 00:00:00	30/08/2012 00:00:00	14/346719	04/09/2014 00:00:00	2014-0250231-A1		
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PU090009	PU090009-US-PCT	US	PCT	26/01/2009 00:00:00	10/07/2009 00:00:00	13/138262	17/11/2011 00:00:00	2011-0279733-A1		
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