

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3701369

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the PATENTS LISTED ON PAGE A-A33 previously recorded on Reel 036420 Frame 0340. Assignor(s) hereby confirms the PATENT NUMBERS 7,868,247 AND 6,476,312 WERE LISTED IN ERROR AND SHOULD BE REMOVED.

CONVEYING PARTY DATA

Name	Execution Date
JDS UNIPHASE CORPORATION	07/31/2015

RECEIVING PARTY DATA

Name:	LUMENTUM OPERATIONS LLC
Street Address:	400 NORTH MCCARTHY BLVD.
City:	MILPITAS
State/Country:	CALIFORNIA
Postal Code:	95035

PROPERTY NUMBERS Total: 825

Property Type	Number
Patent Number:	5612824
Patent Number:	5943149
Patent Number:	6014256
Patent Number:	5627648
Patent Number:	6044187
Patent Number:	6327280
Patent Number:	5546180
Patent Number:	5757993
Patent Number:	6421478
Patent Number:	6587615
Patent Number:	RE39934
Patent Number:	6125220
Patent Number:	6327062
Patent Number:	6142678
Patent Number:	6540411
Patent Number:	6607313
Patent Number:	6819872
Patent Number:	5999322

PATENT

Property Type	Number
Patent Number:	6118530
Patent Number:	6154585
Patent Number:	6415067
Patent Number:	6292604
Patent Number:	6219481
Patent Number:	6157485
Patent Number:	5629993
Patent Number:	6181845
Patent Number:	5594821
Patent Number:	5745626
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Patent Number:	5608825
Patent Number:	5539577
Patent Number:	6252716
Patent Number:	6768874
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Patent Number:	6654564
Patent Number:	6443633
Patent Number:	6538816
Patent Number:	6757472
Patent Number:	6657785
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Patent Number:	6018534
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Patent Number:	6836349
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Patent Number:	6257971
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Patent Number:	6826322
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Patent Number:	5881085
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Patent Number:	7876994
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Patent Number:	7873246
Patent Number:	8000568
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Patent Number:	7826697
Patent Number:	7263252
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Patent Number:	7362434
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Patent Number:	6172995
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Patent Number:	6215584
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Patent Number:	5926493
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Property Type	Number
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Property Type	Number
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Application Number:	13852826
Application Number:	13852443
Application Number:	14226578
Application Number:	14038500

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5714320800
Email: sstesney@harrityllp.com
Correspondent Name: HARRITY & HARRITY, LLP
Address Line 1: 11350 RANDOM HILLS ROAD
Address Line 2: SUITE 600
Address Line 4: FAIRFAX, VIRGINIA 22030

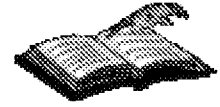
NAME OF SUBMITTER:	PAUL M. GURZO
SIGNATURE:	/Paul M. Gurzo, Reg. No. 67,478/
DATE SIGNED:	01/19/2016

Total Attachments: 59
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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JDS UNIPHASE CORPORATION	07/31/2015
RECEIVING PARTY DATA	
Name:	LUMENTUM OPERATIONS LLC
Street Address:	400 NORTH MCCARTHY BLVD.
City:	MILPITAS
State/Country:	CALIFORNIA
Postal Code:	95035
PROPERTY NUMBERS Total: 827	
Property Type	Number
Patent Number:	5612824
Patent Number:	5943149
Patent Number:	6014256
Patent Number:	5627648
Patent Number:	6044187

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Patent Number:	6040944
Patent Number:	6039806
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Application Number:	14719617
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Application Number:	62143961
Application Number:	62143969
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Application Number:	14051986
Application Number:	13962069
Application Number:	14060433
Application Number:	13852826
Application Number:	13852443
Application Number:	14226578
Application Number:	14038500

CORRESPONDENCE DATA

Fax Number: (703)773-5200 
Phone: 703-773-4000 
Email: PatentProsecutionRes@dlapiper.com

PATENT

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: GIANNI MINUTOLI
Address Line 1: P.O. BOX 2758
Address Line 4: RESTON, VIRGINIA 20195

ATTORNEY DOCKET NUMBER:	352466-000116
NAME OF SUBMITTER:	YING MAI
Signature:	/ying.mai/
Date:	08/21/2015

Total Attachments: 59

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RECEIPT INFORMATION

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PATENT

JDSU PATENT ASSIGNMENT AGREEMENT A

This JDSU Patent Assignment Agreement A (the “JDSU Patent Assignment Agreement”) is effective as of July 31, 2015 (“*Effective Date*”), between JDS Uniphase Corporation (“*Assignor*”), a corporation incorporated under the laws of Delaware, with an office at 430 North McCarthy Blvd., Milpitas, California, 95035, and Lumentum Operations LLC (“*Assignee*”), a limited liability company organized under the laws of Delaware, with an office at 400 North McCarthy Blvd., Milpitas, California, 95035.

WHEREAS, pursuant to the Intellectual Property Matters Agreement dated as of July 31, 2015 between Assignor and Assignee (the “*Intellectual Property Matters Agreement*”), Assignor agreed to assign or cause to be assigned to Assignee all of Assignor’s right, title and interest in and to the Transferred Patents.

NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, it is hereby agreed by and between the Parties as follows:

Capitalized terms used in this JDSU Patent Assignment Agreement which are not otherwise defined herein shall have the meanings set forth in the Intellectual Property Matters Agreement.

1. Assignor hereby grants, conveys and assigns to Assignee, by execution hereof, the Patents listed on **SCHEDULE A** hereto (the “*Assigned Patents*”).

2. Assignor further grants, conveys and assigns to Assignee all its right, title and interest in and to any and all proceeds, causes of action and rights of recovery for past and future infringement or misappropriation of any of the Assigned Patents.

3. Assignor further grants, conveys and assigns to Assignee all its right, title and interest in and to any and all rights of Assignor to obtain reissues, re-examinations, continuations, continuations-in-part, divisions, extensions or other legal protections arising solely from the Assigned Patents that are or may be secured in any relevant jurisdiction anywhere in the world, including but not limited to the United States, its territories and possessions, now or hereinafter in effect.

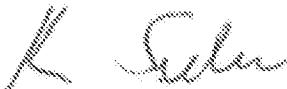
4. The Assigned Patents are conveyed subject to any and all licenses, permissions, consents or other rights that may have been granted by Assignor or its predecessors-in-interest with respect thereto prior to the Effective Date.

5. This JDSU Patent Assignment Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original.

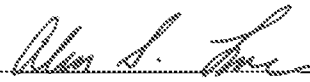
[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the undersigned has caused this JDSU Patent Assignment Agreement to be duly executed and delivered as of the Effective Date.

JDS UNIPHASE CORPORATION

By: 
Name: Kevin Seibert *Seibert K*
Title: General Counsel and Secretary

LUMENTUM OPERATIONS LLC

By: 
Name: Alan Lowe
Title: Chief Executive Officer

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

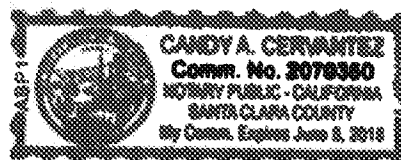
State of California
County of Santa Clara

On July 27, 2015 before me, Candy A. Cervantez, notary public, personally appeared Kevin Siebert and Alan Lowe, who proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



**SCHEDULE A
Assigned Patents**

The Assigned Patents, subject to the terms and conditions of this JDSU Patent Assignment Agreement, are those associated with the following patent families:

CaseNumber	Country	ApplicationStatus	AppNumber	FileDate	PubNumber	PubDate	PatNumber	IssDate
10-1	CA	Expired	2,146,738	10-Apr-1995			2,146,738	14-Sep-1999
10-1	US	Granted	08/442,365	16-May-1995			5,612,824	18-Mar-1997
10-103	CA	Granted	2,255,346	09-Dec-1998			2,255,346	13-Nov-2001
10-103	US	Granted	09/025,468	18-Feb-1998			5,943,149	24-Aug-1999
10-104	AU	Abandoned	98138/98	22-Dec-1998			736252	22-Dec-1998
10-104	CA	Abandoned	2,256,886	22-Dec-1998			2,256,886	15-Feb-2005
10-104	US	Abandoned	09/015,325	29-Jan-1998			6,014,484	11-Jan-2000
10-105	US	Abandoned	09/227,857	11-Jan-1999			6,292,597	18-Sep-2001
10-106	US	Abandoned	09/227,856	11-Jan-1999			6,222,955	24-Apr-2001
10-109	US	Granted	09/045,946	23-Mar-1998			6,014,256	11-Jan-2000
10-11	US	Granted	08/502,259	12-Jul-1995			5,627,648	06-May-1997
10-110	US	Abandoned	09/255,333	21-Jun-2001			6,371,658	16-Apr-2002
10-111	CA	Abandoned	2,266,116	18-Mar-1999			2,266,116	11-Nov-2003
10-111	US	Abandoned	09/271,879	18-Mar-1999			6,381,052	30-Apr-2002
10-112	US	Granted	09/052,879	01-Apr-1998			6,044,187	28-Mar-2000
10-118	US	Granted	09/305,673	05-May-1999			6,327,280	04-Dec-2001
10-12	US	Granted	08/498,878	06-Jul-1995			5,546,180	13-Aug-1996
10-120	US	Abandoned	09/158,008	22-Sep-1998			6,005,994	21-Dec-1999
10-121	CA	Abandoned	2,277,425	06-Jul-1999			2,277,425	25-Jan-2005
10-121	US	Abandoned	09/110,389	07-Jul-1998			6,134,360	17-Oct-2000
10-122	US	Abandoned	09/275,961	25-Mar-1999			6,201,907	13-Mar-2001
10-123	CA	Abandoned	2,279,712	04-Aug-1999			2,279,712	20-Oct-2009
10-123	CA	Abandoned	2,297,538	31-Jan-2000			2,297,538	08-Sep-2009
10-123	US	Abandoned	09/363,824	30-Jul-1999			6,529,328	04-Mar-2003
10-123	US	Abandoned	09/309,489	11-May-1999			6,498,676	24-Dec-2002
10-124	US	Abandoned	09/144,447	01-Sep-1998			6,091,866	18-Jul-2000
10-125	US	Abandoned	09/181,998	29-Oct-1998			6,175,673	16-Jan-2001
10-129	US	Abandoned	09/200,439	27-Nov-1998			6,043,887	28-Mar-2000
10-13	US	Granted	08/767,433	16-Dec-1996			5,757,993	26-May-1998

CaseNumber	Country	ApplicationStatus	AppNumber	FilDate	PubNumber	PubDate	PatNumber	IssDate
10-130	US	Granted	09/309,490	11-May-1999			6,423,478	16-Jul-2002
10-132	US	Granted	09/309,488	11-May-1999			6,587,615	01-Jul-2003
10-133	CA	Granted	2,288,290	01-Nov-1999			2,288,290	20-Jul-2004
10-133	US	Granted	10/324,028	20-Dec-2002	09/198,607		RE39,934	04-Dec-2007
10-136	CA	Abandoned	2,293,029	20-Dec-1999			2,293,029	10-May-2005
10-136	US	Abandoned	09/229,162	13-Jan-1999			6,188,809	13-Feb-2001
10-138	US	Granted	09/275,962	25-Mar-1999			6,125,220	26-Sep-2000
10-138	US	Abandoned	09/871,822	04-Jun-2001	01-0040681	15-Nov-2001	6,339,474	15-Jan-2002
10-138	US	Abandoned	09/358,445	22-Jul-1999			6,281,977	28-Aug-2001
10-142	US	Granted	09/100,106	19-Jun-1998			6,327,062	04-Dec-2001
10-148	CA	Granted	2,311,110	09-Jun-2000			2,311,110	01-Aug-2006
10-148	CN	Granted	00135070.6	15-Dec-2000	1338646A	06-Mar-2002	00135070.6	29-Jun-2005
10-148	US	Granted	09/333,018	15-Jun-1999			6,142,678	07-Nov-2000
10-148	US	Granted	09/638,888	16-Aug-2000			6,540,411	01-Apr-2003
10-149	US	Granted	09/342,154	23-Jun-1999			6,607,313	19-Aug-2003
10-149	US	Granted	10/431,752	08-May-2003	03-0194237	16-Oct-2003	6,819,872	16-Nov-2004
10-15	US	Granted	08/496,097	28-Jun-1995			5,999,322	07-Dec-1999
10-150	US	Granted	09/313,180	18-May-1999			6,118,530	12-Sep-2000
10-153	US	Granted	09/334,502	17-Jun-1999			6,154,585	28-Nov-2000
10-153	US	Granted	09/594,820	16-Jun-2000			6,415,067	02-Jul-2002
10-153	US	Abandoned	09/637,599	15-Aug-2000			6,546,162	08-Apr-2003
10-154	US	Abandoned	09/588,121	02-Jun-2000			6,480,644	12-Nov-2002
10-159	CA	Granted	2,313,720	11-Jul-2000			2,313,720	23-Dec-2003
10-159	US	Granted	09/357,123	16-Jul-1999			6,292,604	18-Sep-2001
10-161	CA	Abandoned	2,314,982	03-Aug-2000			2,314,982	31-Oct-2006
10-161	US	Abandoned	09/369,343	06-Aug-1999			6,393,179	21-May-2002
10-163	US	Abandoned	09/618,274	18-Jul-2000			6,486,942	26-Nov-2002
10-164	US	Granted	09/369,168	05-Aug-1999			6,219,481	17-Apr-2001
10-165	US	Granted	09/358,444	22-Jul-1999			6,157,485	05-Dec-2000
10-168	US	Abandoned	09/383,069	26-Aug-1999			6,222,958	24-Apr-2001
10-169	CN	Abandoned	00124170.2	18-Aug-2000			00124170.2	22-Dec-2004
10-169	US	Abandoned	09/377,692	20-Aug-1999			6,268,954	31-Jul-2001
10-171	US	Expired	07/875,430	29-Apr-1992			5,470,692	28-Nov-1995

CaseNumber	Country	ApplicationStatus	AppNumber	PubDate	PubNumber	PubDate	PatNumber	IssDate
10-172	US	Expired	08/256,035	19-Aug-1994			5,581,398	03-Dec-1996
10-172	US	Abandoned	08/615,482	15-Mar-1996			5,657,156	12-Aug-1997
10-173	US	Abandoned	08/214,729	17-Mar-1994			5,764,820	09-Jun-1998
10-177	US	Abandoned	08/952,986	02-Dec-1997			6,321,009	20-Nov-2001
10-178	US	Abandoned	08/990,331	15-Dec-1997			5,861,976	19-Jan-1999
10-18	CA	Abandoned	2,156,029	14-Aug-1995			2,156,029	13-May-1997
10-18	US	Granted	08/520,702	29-Aug-1995			5,629,993	13-May-1997
10-182	US	Granted	09/210,548	14-Dec-1998			6,181,845	30-Jan-2001
10-183	US	Abandoned	09/224,474	31-Dec-1998			6,216,939	17-Apr-2001
10-184	US	Abandoned	09/284,886	22-Apr-1999			6,232,430	15-May-2001
10-185	GB	Abandoned	9917264.5	21-Jan-1998			2336691	14-Feb-2001
10-185	US	Abandoned	09/360,058	23-Jul-1999			6,222,953	24-Apr-2001
10-186	US	Abandoned	09/379,924	24-Aug-1999			6,376,639	23-Apr-2002
10-187	US	Abandoned	09/388,853	01-Aug-1999			6,337,944	08-Jan-2002
10-192	US	Abandoned	09/478,510	06-Jan-2000			6,389,191	14-May-2002
10-193	US	Abandoned	09/463,781	12-May-2000			6,330,379	11-Dec-2001
10-195	US	Abandoned	09/252,594	12-Feb-1999			6,243,525	05-Jun-2001
10-196	CA	Abandoned	2,304,200	09-Jun-1999			2,304,200	17-Oct-2006
10-196	US	Abandoned	09/538,594	24-Mar-2000			6,408,126	18-Jun-2002
10-197	US	Abandoned	09/397,080	16-Sep-1999			6,377,716	23-Apr-2002
10-2	CA	Expired	2,146,737	10-Apr-1995			2,146,737	14-Aug-2001
10-2	US	Granted	08/442,361	16-May-1995			5,594,821	14-Jan-1997
10-20	CA	Granted	2,179,456	19-Jun-1996			2,179,456	19-Aug-2003
10-20	US	Granted	08/666,228	20-Jun-1996			5,745,626	28-Apr-1998
10-21	US	Abandoned	08/917,102	25-Aug-1997			5,878,176	02-Mar-1999
10-23	CA	Abandoned	2,211,644	28-Jul-1997			2,211,644	10-Jul-2001
10-23	US	Abandoned	08/550,730	31-Oct-1995			5,808,763	15-Sep-1998
10-24	CA	Abandoned	2,214,008	21-Aug-1997			2,214,008	22-Oct-2002
10-24	US	Expired	08/533,837	28-Sep-1995			5,768,005	16-Jun-1998
10-25	US	Granted	08/529,449	18-Sep-1995			5,719,989	17-Feb-1998
10-27	US	Abandoned	08/566,442	30-Nov-1995			5,748,363	05-May-1998
10-28	US	Granted	08/595,561	01-Feb-1996			5,608,825	04-Mar-1997
10-29	US	Abandoned	08/558,537	16-Nov-1995			5,680,237	21-Oct-1997

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CaseNumber	Country	ApplicationStatus	AppNumber	FileDate	PubNumber	PubDate	PatNumber	IssDate
10-3	CA	Expired	2,147,937	26-Apr-1995			2,147,937	11-Apr-2000
10-3	US	Granted	08/442,362	16-May-1995			5,539,577	23-Jul-1996
10-301	US	Granted	09/409,434	30-Sep-1999			6,252,716	26-Jun-2001
10-302	CA	Abandoned	2,324,716	27-Oct-2000			2,324,716	14-Oct-2008
10-302	CN	Abandoned	00133823.4	03-Nov-2000			00133823.4	28-Apr-2004
10-302	US	Abandoned	09/434,376	05-Nov-1999			6,519,065	11-Feb-2003
10-302	US	Granted	09/702,861	01-Nov-2000			6,768,874	27-Jul-2004
10-302	US	Granted	09/823,971	03-Apr-2001			6,804,467	12-Oct-2004
10-303	US	Abandoned	09/447,348	22-Nov-1999			6,577,398	10-Jun-2003
10-304	US	Abandoned	09/725,129	29-Nov-2000	02-0063952	30-May-2002	6,433,927	13-Aug-2002
10-307	CN	Abandoned	00135593.7	20-Dec-2000	1300957	27-Jun-2001	00135593.7	23-Feb-2005
10-307	US	Abandoned	09/466,923	20-Dec-1999			6,535,329	18-Mar-2003
10-31	US	Granted	08/568,650	07-Dec-1995			5,615,289	25-Mar-1997
10-312	US	Abandoned	09/556,188	21-Apr-2000			6,353,694	05-Mar-2002
10-313	CN	Abandoned	01117232.0	01-Feb-2001			01117232.0	15-Feb-2006
10-313	US	Abandoned	09/495,374	01-Feb-2000			6,337,939	08-Jan-2002
10-314	CA	Abandoned	2,326,088	16-Nov-2000			2,326,088	24-Jan-2006
10-314	US	Abandoned	09/708,647	09-Nov-2000			6,411,409	25-Jun-2002
10-315	US	Abandoned	09/461,046	15-Dec-1999			6,438,284	20-Aug-2002
10-316	US	Abandoned	09/465,455	17-Dec-1999			6,356,678	12-Mar-2002
10-319	CA	Abandoned	2,328,564	15-Dec-2000			2,328,564	07-Feb-2006
10-319	CN	Abandoned	01101252.8	05-Jan-2001			01101252.8	06-Apr-2005
10-319	US	Granted	09/477,702	05-Jan-2000			6,288,826	11-Sep-2001
10-32	US	Granted	08/565,573	30-Nov-1995			5,594,825	14-Jan-1997
10-321	US	Abandoned	09/740,933	21-Dec-2000	01-0031111	18-Oct-2001	6,574,385	03-Jun-2003
10-322	US	Abandoned	09/505,868	17-Feb-2000			6,611,642	26-Aug-2003
10-323	CA	Granted	2,334,833	08-Feb-2001			2,334,833	12-Jul-2005
10-323	CN	Granted	01104615.5	16-Feb-2001			01104615.5	16-Mar-2005
10-323	US	Granted	09/505,867	17-Feb-2000			6,353,692	05-Mar-2002
10-325	US	Abandoned	09/523,101	10-Mar-2000			6,396,994	28-May-2002
10-326	CA	Granted	2,344,115	12-Apr-2001			2,344,115	06-Nov-2007
10-326	US	Granted	09/570,446	12-May-2000			6,487,006	26-Nov-2002
10-327	CA	Abandoned	2,344,113	12-Apr-2001			2,344,113	07-Feb-2006

CaseNumber	Country	ApplicationStatus	AppNumber	FileDate	PubNumber	PubDate	PatNumber	IssDate
10-327	CN	Abandoned	01117776.4	17-May-2001	1325033A	05-Dec-2001	01117776.4	10-Nov-2004
10-327	US	Abandoned	09/575,620	22-May-2000			6,404,970	11-Jun-2002
10-328	US	Granted	09/999,911	03-May-2001	03-0198437	23-Oct-2003	6,721,477	13-Apr-2004
10-329	CA	Granted	2,335,221	08-Feb-2001			2,335,221	27-Apr-2010
10-329	CN	Granted	01104614.7	16-Feb-2001	1315664 A	03-Oct-2001	ZL01104614	07-Jul-2004
10-329	DE	Granted	01301296.8	13-Feb-2001	1126294	22-Aug-2001	1126294	24-May-2006
10-329	FR	Granted	01301296.8	13-Feb-2001	1126294	22-Aug-2001	1126294	24-May-2006
10-329	GB	Granted	01301296.8	13-Feb-2001	1126294	22-Aug-2001	1126294	24-May-2006
10-329	US	Granted	09/729,270	05-Dec-2000	02-0009257	06-Jun-2002	6,498,872	24-Dec-2002
10-329	US	Granted	10/164,698	10-Jun-2002	02-0181858	05-Dec-2002	6,810,169	26-Oct-2004
10-329	US	Granted	10/247,431	20-Sep-2002	03-0035605	20-Feb-2003	6,859,573	22-Feb-2005
10-33	US	Granted	08/595,487	01-Feb-1996			5,629,995	13-May-1997
10-331	US	Abandoned	09/930,266	16-Aug-2001	01-0053022	20-Dec-2001	6,587,266	01-Jul-2003
10-332	US	Abandoned	09/559,183	27-Apr-2000			6,285,504	04-Sep-2001
10-333	US	Abandoned	09/559,552	27-Apr-2000			6,535,672	18-Mar-2003
10-335	US	Abandoned	09/652,795	31-Aug-2000			6,560,014	06-May-2003
10-336	US	Granted	09/838,137	20-Apr-2001	01-0033714	25-Oct-2001	6,798,948	28-Sep-2004
10-338	US	Abandoned	09/775,505	05-Feb-2001	02-0136484	26-Sep-2002	6,567,576	20-May-2003
10-339	US	Abandoned	09/559,066	28-Apr-2000			6,449,404	10-Sep-2002
10-341	CA	Abandoned	2,351,808	26-Jun-2001			2,351,808	24-Feb-2009
10-341	US	Granted	09/886,998	25-Jun-2001	02-0001114	03-Jan-2002	7,167,650	23-Jan-2007
10-342	US	Granted	09/898,379	05-Jul-2001	02-0063919	30-May-2002	7,120,364	10-Oct-2006
10-349	CN	Abandoned	00133822.6	03-Nov-2000			00133822.6	18-Aug-2004
10-349	US	Granted	09/634,707	07-Aug-2000			6,654,564	25-Nov-2003
10-352	CA	Abandoned	2,355,918	23-Aug-2001			2,355,918	18-Mar-2003
10-352	US	Abandoned	09/648,625	28-Aug-2000			6,411,753	25-Jun-2002
10-353	US	Abandoned	09/917,808	31-Jul-2001	02-0018300	14-Feb-2002	6,570,711	27-May-2003
10-355	CA	Abandoned	2,354,756	03-Aug-2001			2,354,756	30-May-2006
10-355	US	Granted	09/921,821	06-Aug-2001	02-0021876	21-Feb-2002	6,443,633	03-Sep-2002
10-356	US	Granted	09/738,326	18-Dec-2000	02-0076191	20-Jun-2002	6,538,816	25-Mar-2003
10-357	CN	Granted	01133149.6	15-Aug-2001	1338648A	06-Mar-2002	01133149.6	30-Mar-2005
10-357	US	Granted	09/924,578	09-Aug-2001	02-0044744	18-Apr-2002	6,757,472	29-Jun-2004
10-359	US	Granted	09/933,165	21-Aug-2001			6,657,785	02-Dec-2003

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10-360	US	Abandoned	09/652,883	31-Aug-2000			6,442,310	27-Aug-2002
10-365	US	Abandoned	09/727,439	04-Dec-2000	02-0080490	27-Jun-2002	6,437,916	20-Aug-2002
10-369	CA	Abandoned	2,371,415	11-Feb-2002			2,371,415	15-Aug-2006
10-369	US	Abandoned	09/783,529	15-Feb-2001	02-0109904	15-Aug-2002	6,462,858	08-Oct-2002
10-370	US	Abandoned	09/769,368	26-Jan-2001	02-0102045	01-Aug-2002	6,587,610	01-Jul-2003
10-371	US	Granted	10/082,778	25-Feb-2002	02-0168128	14-Nov-2002	6,757,451	29-Jun-2004
10-372	US	Abandoned	09/986,530	09-Nov-2001			6,587,267	01-Jul-2003
10-373	US	Abandoned	09/931,752	20-Aug-2001	02-0076144	20-Jun-2002	7,058,304	06-Jun-2006
10-377	US	Abandoned	09/818,909	28-Mar-2001	02-0067888	06-Jun-2002	6,898,348	24-May-2005
10-377	US	Granted	09/727,446	04-Dec-2000	02-0067887	06-Jun-2002	6,678,445	13-Jan-2004
10-380	US	Abandoned	09/805,885	15-Mar-2001	02-0177965	28-Nov-2002	6,549,865	15-Apr-2003
10-381	CA	Abandoned	2,365,546	19-Dec-2001			2,365,546	30-Oct-2007
10-381	US	Abandoned	09/741,865	22-Dec-2000	02-0081087	27-Jun-2002	6,442,322	27-Aug-2002
10-384	CA	Granted	2,363,624	20-Nov-2001			2,363,624	16-Jan-2007
10-384	US	Granted	09/988,267	19-Nov-2001	02-0090169	11-Jul-2002	6,487,334	26-Nov-2002
10-387	US	Abandoned	09/764,256	19-Jan-2001	02-0097466	25-Jul-2002	7,031,060	18-Apr-2006
10-388	US	Granted	09/818,908	28-Mar-2001			6,625,352	23-Sep-2003
10-39	US	Abandoned	08/626,610	02-Apr-1996			5,701,375	23-Dec-1997
10-394	US	Abandoned	09/879,033	13-Jun-2001	02-0196541	26-Dec-2002	6,529,326	04-Mar-2003
10-397	CA	Abandoned	2,327,588	05-Dec-2000			2,327,588	02-Jun-2009
10-397	US	Abandoned	09/475,715	30-Dec-1999			6,360,034	19-Mar-2002
10-398	CN	Abandoned	00137091.X	29-Dec-2000	1348109A	08-May-2002	ZL00137091.	18-Apr-2007
10-398	US	Granted	09/476,609	31-Dec-1999			6,337,770	08-Jan-2002
10-403	CA	Abandoned	2,328,277	11-Dec-2000			2,328,277	29-Sep-2009
10-403	US	Abandoned	09/470,687	23-Dec-1999			6,345,133	05-Feb-2002
10-404	US	Granted	09/836,460	18-Apr-2001	02-0154405	24-Oct-2002	6,510,003	21-Jan-2003
10-406	US	Granted	09/476,034	31-Dec-1999			6,335,830	01-Jan-2002
10-408	CA	Abandoned	2,328,647	15-Dec-2000			2,328,647	14-Jun-2005
10-408	US	Granted	09/473,314	28-Dec-1999			6,275,322	14-Aug-2001
10-410	CA	Abandoned	2,328,758	19-Dec-2000			2,328,758	09-May-2006
10-410	CN	Abandoned	00137095.2	29-Dec-2000	1303020	11-Jul-2001	ZL00137095	27-Oct-2004
10-410	US	Granted	09/476,610	31-Dec-1999			6,445,499	03-Sep-2002
10-411	CA	Abandoned	2,359,604	22-Oct-2001			2,359,604	06-Oct-2009

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10-411	US	Granted	09/983,281	23-Oct-2001	02-0027711	07-Mar-2002	6,697,198	24-Feb-2004
10-414	JP	Abandoned	2000-559621	01-Jul-1999	2002520859	09-Jul-2002	3770796	17-Feb-2006
10-414	US	Granted	09/114,712	13-Jul-1998			6,018,534	25-Jan-2000
10-416	US	Granted	09/518,561	03-Mar-2000			6,333,816	25-Dec-2001
10-419	US	Granted	09/822,506	02-Apr-2001	09-0091260	15-May-2003	6,711,310	23-Mar-2004
10-422	CA	Granted	2,363,526	20-Nov-2001			2,363,526	26-Jan-2010
10-422	US	Granted	10/766,878	30-Jan-2004	04-0184716	23-Sep-2004	7,039,267	02-May-2006
10-424	CA	Abandoned	2,328,696	18-Dec-2000			2,328,696	12-Aug-2008
10-424	CN	Abandoned	01143303.5	18-Dec-2001	1360415A	24-Jul-2002	01143303.5	26-Oct-2005
10-424	US	Granted	10/014,354	14-Dec-2001	02-0114560	22-Aug-2002	6,608,948	19-Aug-2003
10-425	US	Granted	09/988,507	20-Nov-2001	02-0076136	20-Jun-2002	6,600,849	29-Jul-2003
10-426	CN	Granted	01125944.2	13-Jul-2001	1365011	21-Aug-2002	01125944.2	30-Mar-2005
10-426	US	Granted	09/901,580	11-Jul-2001	02-0012167	31-Jan-2002	7,081,996	25-Jul-2006
10-427	CN	Abandoned	00800580.X	21-Mar-2000			00800580.X	20-Sep-2006
10-427	US	Abandoned	09/275,511	24-Mar-1999			6,219,474	17-Apr-2001
10-428	CN	Abandoned	00800579.6	20-Mar-2000			00800579.6	21-Sep-2005
10-428	US	Abandoned	09/275,354	23-Mar-1999			6,078,716	20-Jun-2000
10-43	US	Abandoned	08/647,596	13-May-1996			5,825,950	20-Oct-1998
10-430	CN	Granted	01110930.0	02-Mar-2001	1312628	12-Sep-2001	2101110930.	26-Sep-2007
10-430	US	Granted	09/517,640	03-Mar-2000			6,301,046	09-Oct-2001
10-431	US	Abandoned	09/518,322	03-Mar-2000			6,208,798	27-Mar-2001
10-432	US	Granted	10/082,328	26-Feb-2002	02-0154314	24-Oct-2002	6,909,511	21-Jun-2005
10-434	CN	Abandoned	02105160.7	19-Feb-2002	1384377	11-Dec-2002	02105160.7	22-Jun-2005
10-434	US	Abandoned	09/782,276	14-Feb-2001	02-0110344	15-Aug-2002	6,530,701	11-Mar-2003
10-436	US	Granted	09/517,641	03-Mar-2000			6,342,968	29-Jan-2002
10-44	US	Abandoned	08/672,929	28-Jun-1996			5,699,468	16-Dec-1997
10-440	US	Granted	09/342,892	29-Jun-1999			6,169,626	02-Jan-2001
10-440	US	Granted	09/732,806	07-Dec-2000			6,268,951	31-Jul-2001
10-441	US	Abandoned	09/328,037	08-Jun-1999			6,341,040	22-Jan-2002
10-442	US	Granted	10/166,823	11-Jun-2002	03-0278082	11-Dec-2003	6,823,093	23-Nov-2004
10-445	US	Granted	09/835,339	17-Apr-2001	02-0150378	17-Oct-2002	6,556,765	29-Apr-2003
10-446	CA	Abandoned	2,386,967	21-May-2002			2,386,967	09-Feb-2010
10-446	US	Granted	10/150,060	20-May-2002	02-0172447	21-Nov-2002	6,763,154	13-Jul-2004

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10-447	US	Granted	09/384,224	27-Aug-1999			6,310,703	30-Oct-2001
10-448	US	Granted	09/855,569	16-May-2001	02-0171933	21-Nov-2002	6,545,805	08-Apr-2003
10-449	US	Abandoned	09/903,498	13-Jul-2001			6,480,651	12-Nov-2002
10-45	CA	Abandoned	2,214,870	09-Sep-1997			2,214,870	17-Apr-2001
10-45	US	Abandoned	08/711,978	10-Sep-1996			5,706,375	06-Jan-1998
10-455	US	Abandoned	09/983,865	26-Oct-2001	02-0061157	23-May-2002	6,618,517	09-Sep-2003
10-456	US	Granted	10/124,653	17-Apr-2002	02-0168142	14-Nov-2002	6,671,434	30-Dec-2003
10-457	CA	Abandoned	2,134,958	02-Nov-1994			2,134,958	12-Oct-2004
10-457	US	Abandoned	08/550,565	31-Oct-1995			5,694,501	02-Dec-1997
10-458	CN	Abandoned	02124793.5	25-Jun-2002	1393713	29-Jan-2003	02124793.5	04-Oct-2006
10-458	US	Abandoned	09/886,999	25-Jun-2001	03-0002155	02-Jan-2003	6,587,273	01-Jul-2003
10-459	US	Abandoned	09/871,676	04-Jun-2001			6,445,856	03-Sep-2002
10-46	US	Abandoned	08/703,034	26-Aug-1996			5,841,918	24-Nov-1998
10-462	CA	Abandoned	2,363,627	20-Nov-2001			2,363,627	20-May-2008
10-462	US	Granted	09/988,506	20-Nov-2001	02-0076146	20-Jun-2002	6,560,000	06-May-2003
10-463	CN	Abandoned	02154578.2	10-Dec-2002	1424603	18-Jun-2003	02154578.2	31-May-2006
10-463	GB	Abandoned	0228385.1	05-Dec-2002	2382882	11-Jun-2003	2382882	07-Sep-2005
10-463	US	Granted	10/013,258	10-Dec-2001	03-0108324	12-Jun-2003	6,807,356	19-Oct-2004
10-467	CA	Abandoned	2,344,021	12-Apr-2001			2,344,021	26-Jan-2010
10-467	CN	Granted	01116664.9	20-Apr-2001	1323994 A	28-Nov-2001	01116664.9	29-Jun-2005
10-467	US	Granted	09/836,465	18-Apr-2001			6,711,311	23-Mar-2004
10-468	US	Granted	09/836,459	18-Apr-2001	01-0033715	25-Oct-2001	6,701,043	02-Mar-2004
10-469	US	Granted	09/993,612	27-Nov-2001	03-0099453	29-May-2003	6,643,446	04-Nov-2003
10-47	CA	Abandoned	2,211,782	29-Jul-1997			2,211,782	10-Dec-2002
10-47	US	Granted	08/698,648	16-Aug-1996			5,657,155	12-Aug-1997
10-471	US	Abandoned	10/132,105	25-Apr-2002	02-0176687	28-Nov-2002	6,870,998	22-Mar-2005
10-473	US	Abandoned	09/902,682	12-Jul-2001	02-0167778	14-Nov-2002	6,625,002	23-Sep-2003
10-474	US	Abandoned	10/160,636	03-Jun-2002	03-0002787	02-Jan-2003	7,031,610	18-Apr-2006
10-475	CN	Granted	02123711.5	27-Feb-2002	1407750	02-Apr-2003	Z102123711.	14-Mar-2007
10-475	US	Granted	10/058,534	28-Jan-2002	02-0171908	21-Nov-2002	6,683,721	27-Jan-2004
10-476	CA	Abandoned	2,369,877	01-Feb-2002			2,369,877	13-Jul-2010
10-476	US	Granted	10/059,413	31-Jan-2002	02-0191294	19-Dec-2002	6,909,548	21-Jun-2005
10-477	US	Abandoned	10/164,697	10-Jun-2002	02-0196549	26-Dec-2002	6,870,679	22-Mar-2005

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10-482	CA	Granted	2,387,239	23-May-2002			2,387,239	26-Jul-2011
10-482	US	Granted	10/152,733	23-May-2002	02-0141687	03-Oct-2002	6,760,561	06-Jul-2004
10-488	US	Abandoned	10/163,574	07-Jun-2002	02-0186438	12-Dec-2002	7,184,665	27-Feb-2007
10-49	US	Abandoned	08/727,011	08-Oct-1996			5,778,119	07-Jul-1998
10-491	US	Abandoned	09/987,265	14-Nov-2001	02-0191940	19-Dec-2002	6,614,979	02-Sep-2003
10-493	US	Abandoned	09/945,613	05-Sep-2001	02-0197041	26-Dec-2002	6,621,971	16-Sep-2003
10-498	CA	Granted	2,392,704	08-Jul-2002			2,392,704	28-Sep-2010
10-498	CN	Granted	02140674.X	12-Jul-2002	1397812	19-Feb-2003	ZL02140674.	28-Mar-2007
10-498	US	Granted	10/051,176	22-Jan-2002	03-0012486	16-Jan-2003	6,707,959	16-Mar-2004
10-499	US	Granted	10/180,320	27-Jun-2002	03-0007157	09-Jan-2003	6,690,513	10-Feb-2004
10-5	US	Granted	08/442,368	16-May-1995			5,574,596	12-Nov-1996
10-502	CA	Granted	2,394,936	24-Jul-2002			2,394,936	13-Dec-2011
10-502	US	Granted	10/201,361	24-Jul-2002	03-0021522	30-Jan-2003	6,711,316	23-Mar-2004
10-505	CN	Abandoned	D1135751.7	22-Aug-2001	1350195A	22-May-2002	01135751.7	11-Jan-2006
10-505	GB	Abandoned	01306962.0	16-Aug-2001	1186915	13-Mar-2002	1186915	07-May-2008
10-505	US	Abandoned	09/644,144	22-Aug-2000			6,469,847	22-Oct-2002
10-506	CA	Abandoned	2,387,417	24-May-2002			2,387,417	13-Oct-2009
10-506	US	Granted	10/150,001	20-May-2002	02-0180981	05-Dec-2002	6,765,679	20-Jul-2004
10-507	US	Granted	10/227,315	26-Aug-2002	03-0044115	06-Mar-2003	6,907,163	14-Jun-2005
10-510	DE	Abandoned	02256226.8	09-Sep-2002	1298467	02-Apr-2003	1298467	29-Dec-2004
10-510	FR	Abandoned	02256226.8	09-Sep-2002	1298467	02-Apr-2003	1298467	29-Dec-2004
10-510	GB	Abandoned	02256226.8	09-Sep-2002	1298467	02-Apr-2003	1298467	29-Dec-2004
10-510	US	Granted	10/237,136	09-Sep-2002	03-0108284	12-Jun-2003	7,014,326	21-Mar-2006
10-517	US	Granted	10/274,804	21-Oct-2002	03-0081200	01-May-2003	6,765,665	20-Jul-2004
10-522	CN	Abandoned	02150480.6	14-Nov-2002	1437037	20-Aug-2003	02150480.6	26-Jul-2006
10-522	US	Granted	10/292,545	13-Nov-2002	03-0090807	15-May-2003	6,807,009	19-Oct-2004
10-527	US	Expired	07/915,249	20-Jul-1992			5,283,845	01-Feb-1994
10-528	US	Expired	08/183,857	21-Jan-1994			5,440,117	08-Aug-1995
10-529	US	Expired	08/178,838	07-Jan-1994			5,471,340	28-Nov-1995
10-53	CA	Abandoned	2,220,319	05-Nov-1997			2,220,319	22-May-2001
10-53	US	Abandoned	08/743,733	06-Nov-1996			5,909,295	01-Jun-1999
10-531	US	Expired	08/385,477	08-Feb-1995			5,594,820	14-Jan-1997
10-533	US	Expired	07/929,131	13-Aug-1992			5,239,599	24-Aug-1993

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10-535	US	Expired	07/481,747	15-Feb-1990			5,140,660	18-Aug-1992
10-536	US	Granted	10/313,350	06-Dec-2002	03-0123119	03-Jul-2003	6,836,349	28-Dec-2004
10-538	CA	Granted	2,400,861	30-Aug-2002			2,400,861	24-Jan-2012
10-538	US	Granted	10/229,095	28-Aug-2002	03-0142911	31-Jul-2003	6,807,340	19-Oct-2004
10-54	CA	Abandoned	2,220,291	05-Nov-1997			2,220,291	08-Jul-2003
10-54	JP	Abandoned	9-304642	06-Nov-1997			3075704	09-Jun-2000
10-54	US	Expired	08/743,734	06-Nov-1996			5,926,317	20-Jul-1999
10-541	US	Granted	10/281,932	28-Oct-2002	03-0128932	10-Jul-2003	6,865,323	08-Mar-2005
10-545	US	Granted	08/967,303	21-Oct-1997			6,257,971	10-Jul-2001
10-546	US	Granted	10/357,569	04-Feb-2003	03-0147432	07-Aug-2003	6,687,267	03-Feb-2004
10-55	US	Abandoned	08/754,034	03-Dec-1996			5,793,916	11-Aug-1998
10-550	US	Expired	08/513,028	09-Aug-1995			5,588,078	24-Dec-1996
10-553	US	Granted	10/369,663	21-Feb-2003	03-0160398	28-Aug-2003	6,962,338	08-Nov-2005
10-56	US	Abandoned	08/754,032	03-Dec-1996			6,449,091	10-Sep-2002
10-562	US	Granted	10/384,821	11-Mar-2003	03-0179990	25-Sep-2003	6,983,090	03-Jan-2006
10-565	US	Granted	10/437,465	14-May-2003	04-0027638	12-Feb-2004	6,879,429	12-Apr-2005
10-568	CA	Granted	2,429,508	23-May-2003			2,429,508	08-Jan-2013
10-568	CA	Granted	2,468,139	20-May-2004			2,468,139	09-Apr-2013
10-568	CA	Granted	2,468,132	20-May-2004			2,468,132	10-Sep-2013
10-568	DE	Granted	04405318.9	21-May-2004	1479647	24-Nov-2004	1479647	25-Feb-2009
10-568	DE	Granted	04405316.3	21-May-2004	1479646	24-Nov-2004	1479646	28-Apr-2010
10-568	FR	Granted	04405318.9	21-May-2004	1479647	24-Nov-2004	1479647	25-Feb-2009
10-568	FR	Granted	04405316.3	21-May-2004	1479646	24-Nov-2004	1479646	28-Apr-2010
10-568	GB	Granted	04405318.9	21-May-2004	1479647	24-Nov-2004	1479647	25-Feb-2009
10-568	GB	Granted	04405316.3	21-May-2004	1479646	24-Nov-2004	1479646	28-Apr-2010
10-568	US	Granted	10/445,360	27-May-2003	03-0223679	04-Dec-2003	6,934,439	23-Aug-2005
10-568	US	Granted	10/850,424	21-May-2004	05-0041916	24-Feb-2005	7,110,635	19-Sep-2006
10-568	US	Granted	10/850,407	21-May-2004	04-0258350	23-Dec-2004	6,968,101	22-Nov-2005
10-568	US	Granted	11/431,665	11-May-2006	06-0210218	21-Sep-2006	7,302,132	27-Nov-2007
10-568	US	Granted	11/220,552	08-Sep-2005	06-0008201	12-Jan-2006	7,010,188	07-Mar-2006
10-577	US	Granted	10/218,418	15-Aug-2002	04-0032584	19-Feb-2004	6,700,664	02-Mar-2004
10-578	US	Abandoned	10/315,077	10-Dec-2002	04-0109233	10-Jun-2004	6,888,659	03-May-2005
10-583	US	Granted	10/310,071	05-Dec-2002	04-0109660	10-Jun-2004	6,768,860	27-Jul-2004

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10-587	US	Granted	10/705,866	13-Nov-2003	04-0096151	20-May-2004	6,915,030	05-Jul-2005
10-588	US	Abandoned	10/735,648	16-Dec-2003	04-0252375	16-Dec-2004	6,956,697	18-Oct-2005
10-589	US	Granted	10/742,959	22-Dec-2003	04-0131093	08-Jul-2004	6,996,140	07-Feb-2006
10-59	US	Abandoned	08/780,446	08-Jan-1997			6,016,375	18-Jan-2000
10-591	CN	Abandoned	200410003289.9	03-Feb-2004	1519600	11-Aug-2004	20041000328	07-Nov-2007
10-591	US	Abandoned	10/357,062	03-Feb-2003			6,932,520	23-Aug-2005
10-595	CA	Granted	2,482,163	21-Sep-2004			2,482,163	27-Aug-2013
10-595	US	Granted	10/944,840	21-Sep-2004	05-0089267	28-Apr-2005	7,110,637	19-Sep-2006
10-596	US	Granted	10/950,553	28-Sep-2004	05-0105901	19-May-2005	7,362,972	22-Apr-2008
10-598	US	Granted	11/069,214	01-Mar-2005	05-0286393	29-Dec-2005	7,359,053	15-Apr-2008
10-599	CN	Granted	200510051238.8	02-Mar-2005	1664631	07-Sep-2005	0510051238	27-Aug-2008
10-599	JP	Granted	2005-57407	02-Mar-2005			4833565	30-Sep-2011
10-599	US	Granted	11/070,323	02-Mar-2005	05-0196117	08-Sep-2005	7,099,548	29-Aug-2006
10-6	CA	Abandoned	2,146,384	05-Apr-1995			2,146,384	11-May-1999
10-6	US	Granted	08/442,367	16-May-1995			5,557,468	17-Sep-1996
10-601	CA	Granted	2,501,012	16-Mar-2005			2,501,012	31-Dec-2013
10-601	CN	Granted	200510059944.7	04-Apr-2005	1680186	12-Oct-2005	ZL200510059	27-Oct-2010
10-601	US	Granted	11/075,650	10-Mar-2005	05-0180685	18-Aug-2005	7,167,613	23-Jan-2007
10-602	CA	Granted	2,482,165	21-Sep-2004			2,482,165	23-Jul-2013
10-602	US	Granted	11/437,652	22-May-2006	06-0210238	21-Sep-2006	7,203,413	10-Apr-2007
10-602	US	Granted	10/944,838	21-Sep-2004	05-0089266	28-Apr-2005	7,302,131	27-Nov-2007
10-603	US	Granted	12/155,580	06-Jun-2008	08-0247429	09-Oct-2008	7,668,216	23-Feb-2010
10-604	US	Granted	11/243,021	04-Oct-2005	06-0072188	06-Apr-2006	7,423,804	09-Sep-2008
10-604	US	Granted	12/185,893	05-Aug-2008	09-0003767	01-Jan-2009	7,768,697	03-Aug-2010
10-605	US	Granted	11/354,052	15-Feb-2005	06-0222312	05-Oct-2006	7,432,629	07-Oct-2008
10-606	CN	Granted	200610109453.3	16-Aug-2006	1916675	21-Feb-2007	20061010945	16-Jun-2010
10-607	CN	Granted	200610149664.X	13-Oct-2006	1955771	02-May-2007	ZL200610149	19-May-2010
10-607	US	Granted	11/256,987	25-Oct-2005			7,162,118	09-Jan-2007
10-609	US	Granted	11/926,559	29-Oct-2007	08-0101743	02-May-2008	7,865,079	04-Jan-2011
10-610	CA	Granted	2,584,149	05-Apr-2007			2,584,149	17-Jun-2014
10-610	CN	Granted	200710090830.8	06-Apr-2007	101051104	10-Oct-2007	ZL200710090	01-Dec-2010
10-610	US	Granted	11/696,418	04-Apr-2007			7,725,027	25-May-2010
10-612	CA	Pending	2,584,571	11-Apr-2007				

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10-612	CN	Granted	200710090110.1	12-Apr-2007	101056072	17-Oct-2007	0710090110	19-Jan-2011
10-612	US	Granted	11/733,821	11-Apr-2007	07-0241076	18-Oct-2007	7,357,874	15-Apr-2008
10-613	CN	Granted	200710111204.2	15-Jun-2007	101089667	19-Dec-2007	20071011120	08-May-2013
10-613	GB	Abandoned	0711507.4	15-Jun-2007			GB0711507.4	12-Jan-2011
10-613	TH	Published	0701002441	17-May-2007	91486	19-Sep-2008		
10-613	US	Granted	11/461,542	01-Aug-2006	07-0291358	20-Dec-2007	7,813,040	12-Oct-2010
10-615	US	Granted	11/778,798	17-Jul-2007	08-0018975	24-Jan-2008	7,782,514	24-Aug-2010
10-616	DE	Granted	07253891.1	01-Oct-2007	1909414	09-Apr-2008	1909414B	15-Dec-2010
10-616	FR	Granted	07253891.1	01-Oct-2007	1909414	09-Apr-2008	1909414B	15-Dec-2010
10-616	GB	Granted	07253891.1	01-Oct-2007	1909414	09-Apr-2008	1909414B	15-Dec-2010
10-616	IT	Granted	07253891.1	01-Oct-2007	1909414	09-Apr-2008	1909414B	15-Dec-2010
10-616	US	Granted	11/863,905	28-Sep-2007	08-0192333	14-Aug-2008	7,715,092	11-May-2010
10-618	US	Granted	11/945,307	27-Nov-2007	08-0137165	12-Jun-2008	7,715,076	11-May-2010
10-619	CA	Granted	2,584,145	05-Apr-2007			2,584,145	23-Sep-2014
10-619	CN	Granted	200710090828.0	06-Apr-2007	101051114	10-Oct-2007	20071009082	13-Feb-2013
10-619	US	Granted	11/696,335	04-Apr-2007	07-0236775	11-Oct-2007	7,616,372	10-Nov-2009
10-62	CA	Abandoned	2,223,674	04-Dec-1997			2,223,674	29-Jan-2002
10-62	US	Granted	08/801,118	14-Feb-1997			5,920,411	06-Jul-1999
10-620	US	Granted	12/028,031	08-Feb-2008	11-0170867	14-Jul-2011	8,081,875	20-Dec-2011
10-621	CA	Pending	2,638,477	01-Aug-2008				
10-621	US	Granted	12/184,288	01-Aug-2008	09-0071708	19-Mar-2009	7,723,810	25-May-2010
10-622	US	Granted	12/043,202	06-Mar-2008	008-031657	25-Dec-2008	7,817,331	19-Oct-2010
10-623	US	Granted	12/164,826	30-Jun-2008	09-0009752	08-Jan-2009	7,872,735	18-Jan-2011
10-624	AU	Granted	2008205423	12-Aug-2008			2008205423	12-Aug-2008
10-624	US	Granted	12/190,053	12-Aug-2008	09-0046340	19-Feb-2009	7,626,754	01-Dec-2009
10-625	CN	Granted	200810167193.4	08-Oct-2008	101414731	22-Apr-2009	20081016719	30-May-2012
10-625	US	Granted	12/235,041	22-Sep-2008	09-0091819	09-Apr-2009	7,969,647	28-Jun-2011
10-625	US	Granted	13/113,059	22-May-2011	11-0292497	01-Dec-2011	8,995,048	31-Mar-2015
10-626	AU	Granted	2008252050	03-Dec-2008			2008252050	03-Dec-2008
10-626	CN	Granted	200810182963.2	12-Dec-2008	101458365	17-Jun-2009	20081018296	24-Apr-2013
10-626	DE	Granted	08170526.1	02-Dec-2008			2071377	18-Apr-2012
10-626	FI	Granted	08170526.1	02-Dec-2008			2071377	18-Apr-2012
10-626	FR	Granted	08170526.1	02-Dec-2008			2071377	18-Apr-2012

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10-626	GB	Granted	08170526.1	02-Dec-2008			2071377	18-Apr-2012
10-626	IT	Granted	08170526.1	02-Dec-2008			2071377	18-Apr-2012
10-626	JP	Granted	2008-313180	09-Dec-2008			5318549	19-Jul-2013
10-626	US	Granted	12/328,913	05-Dec-2008	09-0214207	27-Aug-2009	8,121,483	21-Feb-2012
10-63	CA	Granted	2,229,956	20-Feb-1998			2,229,956	16-Oct-2001
10-630	US	Granted	12/333,800	12-Dec-2008	09-0154876	18-Jun-2009	7,630,599	08-Dec-2009
10-632	US	Granted	12/332,604	11-Dec-2008	09-0154874	18-Jun-2009	7,676,126	09-Mar-2010
10-633	US	Granted	12/353,475	14-Jan-2009	09-0180169	16-Jul-2009	7,952,778	31-May-2011
10-634	US	Granted	12/367,160	06-Feb-2009	10-0172646	08-Jul-2010	8,045,854	25-Oct-2011
10-635	US	Granted	12/360,200	27-Jan-2009	09-0190202	30-Jul-2009	7,903,318	08-Mar-2011
10-639	US	Granted	12/419,365	07-Apr-2009	09-0268295	29-Oct-2009	8,040,607	18-Oct-2011
10-64	US	Granted	08/800,061	14-Feb-1997			5,799,121	25-Aug-1998
10-640	US	Granted	12/370,556	12-Feb-2009	09/0201576	13-Aug-2009	8,233,214	31-Jul-2012
10-640	US	Granted	13/533,878	26-Jun-2012	12-0327506	27-Dec-2012	8,462,430	11-Jun-2013
10-642	US	Granted	12/389,399	20-Feb-2009	10-0172612	08-Jul-2010	8,049,944	01-Nov-2011
10-644	US	Granted	12/425,422	17-Apr-2009	09-0263080	22-Oct-2009	8,036,502	11-Oct-2011
10-645	US	Published	14/166,248	28-Jan-2014	14-0139922	22-May-2014		
10-648	US	Granted	12/487,687	19-Jun-2009	09-0316255	24-Dec-2009	8,174,759	08-May-2012
10-65	US	Abandoned	08/791,325	31-Jan-1997			5,790,314	04-Aug-1998
10-652	US	Granted	12/555,902	09-Sep-2009	10-0061727	11-Mar-2010	8,233,794	31-Jul-2012
10-652	US	Granted	13/525,428	18-Jun-2012	12-0257853	11-Oct-2012	8,391,709	05-Mar-2013
10-654	CA	Pending	2,695,050	01-Mar-2010				
10-654	US	Granted	12/714,600	01-Mar-2010	10-0221004	02-Sep-2010	8,948,592	03-Feb-2015
10-654	US	Pending	14/608,228	29-Jan-2015				
10-655	US	Granted	12/899,402	06-Oct-2010	11-0085231	14-Apr-2011	8,699,125	15-Apr-2014
10-656	CA	Pending	2,726,409	23-Dec-2010				
10-656	US	Granted	12/652,073	05-Jan-2010	10-0103494	29-Apr-2010	8,274,722	25-Sep-2012
10-657	US	Granted	12/638,160	15-Dec-2009	11-0140569	16-Jun-2011	8,134,277	13-Mar-2012
10-658	CN	Published	201010586977.8	14-Dec-2010	110000860	29-Jun-2011		
10-658	DE	Granted	10191951.2	19-Nov-2010	2339385	29-Jun-2011	2339385	03-Dec-2014
10-658	EP	EP Granted	10191951.2	19-Nov-2010	2339385	29-Jun-2011		
10-658	FR	Granted	10191951.2	19-Nov-2010	2339385	29-Jun-2011	2339385	03-Dec-2014
10-658	US	Granted	12/750,084	30-Mar-2010	11/0170833	14-Jul-2011	8,342,756	01-Jan-2013

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10-660	US	Granted	12/969,669	16-Dec-2010	11-0149361	23-Jun-2011	8,665,506	04-Mar-2014
10-662	US	Granted	12/826,744	30-Jun-2010	12-0002917	05-Jan-2012	8,300,995	30-Oct-2012
10-663	EP	Pending	11008593.3	26-Oct-2011				
10-663	US	Granted	13/281,475	26-Oct-2011	12-0281266	08-Nov-2012	8,531,752	10-Sep-2013
10-665	US	Granted	12/960,902	06-Dec-2010	11-0149362	23-Jun-2011	8,547,619	01-Oct-2013
10-666	US	Granted	13/558,802	26-Jul-2012	13-0209031	15-Aug-2013	9,069,139	30-Jun-2015
10-666	US	Granted	13/558,791	26-Jul-2012	13-0209030	15-Aug-2013	9,002,160	07-Apr-2015
10-666	US	Pending	14/733,378	08-Jun-2015				
10-667	US	Granted	13/215,299	23-Aug-2011	13-0050697	28-Feb-2013	8,699,024	15-Apr-2014
10-669	US	Granted	13/296,284	15-Nov-2011	12-0057869	08-Mar-2012	8,705,960	22-Apr-2014
10-67	US	Granted	08/803,827	24-Feb-1997			6,014,254	11-Jan-2000
10-670	US	Granted	13/358,562	26-Jan-2012	13-0194654	01-Aug-2013	8,885,245	11-Nov-2014
10-672	US	Granted	13/551,953	18-Jul-2012	14-0023316	23-Jan-2014	8,977,079	10-Mar-2015
10-673	US	Published	13/721,307	20-Dec-2012	13-0176621	11-Jul-2013		
10-675	US	Published	13/848,761	22-Mar-2013	14-0285871	25-Sep-2014		
10-676	US	Published	14/102,814	11-Dec-2013	14-0161454	12-Jun-2014		
10-677	US	Published	13/938,657	10-Jul-2013	15-0016865	15-Jan-2015		
10-679	US	Published	13/933,317	02-Jul-2013	15-0009455	08-Jan-2015		
10-68	US	Abandoned	09/198,500	24-Nov-1998			5,930,422	27-Jul-1999
10-680	US	Published	14/173,912	06-Feb-2014	14-0255026	11-Sep-2014		
10-681	CN	Published	201410374984.X	31-Jul-2014	104345418	11-Feb-2015		
10-681	EP	Published	14179153	30-Jul-2014	2833183	04-Feb-2015		
10-681	US	Published	14/446,562	30-Jul-2014	15-0034512	05-Feb-2015		
10-683	CN	Pending	201510087626.5	25-Feb-2015				
10-683	US	Pending	14/625,863	19-Feb-2015				
10-684	US	Pending	14/230,444	31-Mar-2014				
10-685	US	Pending	14/229,399	28-Mar-2014				
10-687	US	Pending	14/230,397	31-Mar-2014				
10-688	US	Pending	14/660,367	17-Mar-2015				
10-689	US	Pending	14/516,720	17-Oct-2014				
10-69	US	Granted	08/864,895	29-May-1997			6,040,932	21-Mar-2000
10-690	US	Pending	14/798,764	14-Jul-2015				
10-691	US	Pending	62/152,141	24-Apr-2015				

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10-72	US	Abandoned	08/880,393	23-Jun-1997			5,915,063	22-Jun-1999
10-73	CA	Granted	2,237,319	11-May-1998			2,237,319	20-Aug-2002
10-73	US	Granted	08/896,540	18-Jul-1997			5,850,493	15-Dec-1998
10-74	CA	Abandoned	2,217,688	07-Oct-1997			2,217,688	05-Dec-2006
10-74	US	Granted	09/204,147	03-Dec-1998			6,438,291	20-Aug-2002
10-75	US	Abandoned	08/915,675	21-Aug-1997			5,903,686	11-May-1999
10-76	US	Granted	09/120,289	22-Jul-1998			6,134,357	17-Oct-2000
10-79	CA	Abandoned	2,246,500	03-Sep-1998			2,246,500	25-Mar-2003
10-79	US	Granted	08/928,479	12-Sep-1997			6,018,421	25-Jan-2000
10-80	CA	Abandoned	2,245,054	14-Aug-1998			2,245,054	25-Feb-2003
10-80	US	Abandoned	08/917,567	26-Aug-1997			6,055,347	25-Apr-2000
10-81	US	Abandoned	08/943,119	03-Oct-1997			5,881,191	09-Mar-1999
10-83	US	Abandoned	08/942,496	02-Oct-1997			5,991,076	23-Nov-1999
10-87	CA	Granted	2,254,679	30-Nov-1998			2,254,679	04-Mar-2003
10-87	US	Granted	08/996,513	23-Dec-1997			6,011,652	04-Jan-2000
10-88	US	Granted	08/977,396	24-Nov-1997			6,134,359	17-Oct-2000
10-89	CA	Abandoned	2,255,386	04-Dec-1998			2,255,386	02-Apr-2002
10-89	DE	Abandoned	98123294.5	08-Dec-1998			68925549	11-Aug-2004
10-89	FR	Abandoned	98123294.5	08-Dec-1998			0922973	11-Aug-2004
10-89	GB	Abandoned	98123294.5	08-Dec-1998			0922973	11-Aug-2004
10-89	US	Granted	08/987,642	09-Dec-1997			5,905,824	18-May-1999
10-9	US	Granted	08/666,229	20-Jun-1996			5,798,859	25-Aug-1998
10-92	CA	Abandoned	2,245,599	14-Aug-1998			2,245,599	11-Feb-2003
10-92	US	Abandoned	09/006,891	14-Jan-1998			6,044,185	28-Mar-2000
10-93	US	Abandoned	09/007,174	14-Jan-1998			6,141,130	31-Oct-2000
10-94	US	Abandoned	09/078,033	13-May-1998			6,262,822	17-Jul-2001
12-1	US	Granted	09/259,876	01-Mar-1999			6,246,813	12-Jun-2001
12-3	US	Granted	09/300,874	20-Apr-1999			6,185,347	06-Feb-2001
12-4	US	Granted	09/309,191	10-May-1999			6,282,339	28-Aug-2001
12-5	US	Granted	09/306,373	05-May-1999			6,347,170	12-Feb-2002
12-6	US	Granted	09/315,364	18-May-1999			6,485,190	26-Nov-2002
13-6	US	Abandoned	08/986,064	08-Dec-1997			5,909,310	01-Jun-1999
13-6	US	Abandoned	09/025,526	18-Feb-1998			5,930,039	27-Jul-1999

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13-6	US	Abandoned	09/252,770	19-Feb-1999	02-0001130	02-Jan-2002	6,331,912	18-Dec-2001
13-9	US	Abandoned	09/285,952	01-Apr-1999			6,393,191	21-May-2002
16-3	US	Abandoned	10/167,278	12-Jun-2002	02-0190166	19-Dec-2002	6,612,525	02-Sep-2003
16-5	US	Granted	10/726,458	03-Dec-2003	04-0114216	17-Jun-2004	7,006,280	28-Feb-2006
17-2	US	Abandoned	10/775,395	10-Feb-2004			7,007,835	07-Mar-2006
17-5	US	Granted	10/179,164	24-Jun-2002	03-0235372	25-Dec-2003	6,837,625	04-Jan-2005
18-1	CN	Granted	02120245.1	21-May-2002	1430095	16-Jul-2003	02120245.1	24-Jun-2009
18-1	US	Granted	10/004,142	14-Nov-2001	02-0171936	21-Nov-2002	6,785,052	31-Aug-2004
18-11	US	Granted	10/267,231	09-Oct-2002	04-0070833	15-Apr-2004	6,844,975	18-Jan-2005
18-116	US	Abandoned	09/712,999	14-Nov-2000			6,433,924	13-Aug-2002
18-118	US	Abandoned	09/518,708	03-Mar-2000			6,353,497	05-Mar-2002
18-13	US	Granted	10/629,446	29-Jul-2003	04-0021870	05-Feb-2004	6,943,889	13-Sep-2005
18-135	US	Abandoned	09/130,137	06-Aug-1998			6,215,924	10-Apr-2001
18-137	US	Abandoned	09/815,916	03-Mar-2001	02-0013591	26-Sep-2002	6,707,609	16-Mar-2004
18-138	US	Granted	08/038,459	11-Mar-1998			6,008,920	28-Dec-1999
18-154	US	Abandoned	09/536,814	28-Mar-2000			6,382,841	07-May-2002
18-173	US	Granted	09/517,648	03-Mar-2000			6,885,824	26-Apr-2005
18-18	US	Abandoned	10/700,193	03-Nov-2003	04-0096148	20-May-2004	7,062,122	13-Jun-2006
18-195	US	Abandoned	11/104,026	12-Apr-2005	05-0195474	08-Sep-2005	7,006,283	28-Feb-2006
18-2	US	Granted	09/511,693	23-Feb-2000			6,389,188	14-May-2002
18-219	US	Granted	11/533,000	19-Sep-2006	07-0116082	24-May-2007	7,648,290	19-Jan-2010
18-220	EP	Published	06120955.7	20-Sep-2006	1764886	21-Mar-2007		
18-220	US	Granted	11/532,697	18-Sep-2006	07-0064747	22-Mar-2007	8,031,749	04-Oct-2011
18-249	CN	Abandoned	200710123077.8	28-Jun-2007	101097275	02-Jan-2008	ZL200710123	01-Dec-2010
18-249	DE	Abandoned	07252595.9	26-Jun-2007	1873583	02-Jan-2008	1873583	04-Nov-2009
18-249	FR	Abandoned	07252595.9	26-Jun-2007	1873583	02-Jan-2008	1873583	04-Nov-2009
18-249	GB	Abandoned	07252595.9	26-Jun-2007	1873583	02-Jan-2008	1873583	04-Nov-2009
18-249	IT	Abandoned	07252595.9	26-Jun-2007	1873583	02-Jan-2008	1873583	04-Nov-2009
18-249	JP	Granted	2007-169503	27-Jun-2007			5117126	26-Oct-2012
18-249	NL	Abandoned	07252595.9	26-Jun-2007	1873583	02-Jan-2008	1873583	04-Nov-2009
18-249	US	Granted	11/769,070	27-Jun-2007	08-0085089	10-Apr-2008	7,512,303	31-Mar-2009
18-263	US	Granted	11/950,869	05-Dec-2007	08-0144678	19-Jun-2008	7,826,502	02-Nov-2010
18-268	CN	Abandoned	200810084250.2	27-Mar-2008	101276030	01-Oct-2008		

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18-268	EP	Published	08250990.2	20-Mar-2008	1975660	01-Oct-2008		
18-268	JP	Granted	2008-80845	26-Mar-2008			5442210	27-Dec-2013
18-268	US	Granted	12/051,189	19-Mar-2008	09-0060444	05-Mar-2009	7,809,236	05-Oct-2010
18-280	CN	Granted	200810183527.7	17-Dec-2008	101464545A	24-Jun-2009	20081018352	05-Sep-2012
18-280	US	Granted	12/336,081	16-Dec-2008	09-0154512	18-Jun-2009	7,957,438	07-Jun-2011
18-281	US	Granted	12/015,377	16-Jan-2008	09-0180511	16-Jul-2009	7,746,914	29-Jun-2010
18-282	US	Granted	11/944,871	26-Nov-2007	08/0137693	12-Jun-2008	7,907,656	15-Mar-2011
18-289	US	Granted	12/046,506	12-Mar-2008	09-0232453	17-Sep-2009	8,620,121	31-Dec-2013
18-3	US	Abandoned	10/098,585	15-Mar-2002	02-0141705	03-Oct-2002	6,873,768	29-Mar-2005
18-318	US	Granted	12/850,504	04-Aug-2010	11/0032605	10-Feb-2011	8,593,725	26-Nov-2013
18-324	US	Granted	12/753,009	01-Apr-2010	11-0243161	06-Oct-2011	8,243,764	14-Aug-2012
18-330	US	Granted	12/828,021	30-Jun-2010			8,027,555	27-Sep-2011
18-337	EP	Published	12172249.0	15-Jun-2012	2535989	19-Dec-2012		
18-337	JP	Pending	2012-134305	13-Jun-2012				
18-337	US	Granted	13/495,941	13-Jun-2012	12-0320451	20-Dec-2012	8,908,263	09-Dec-2014
18-346	US	Granted	13/847,405	19-Mar-2013	13-0250979	26-Sep-2013	8,879,589	04-Nov-2014
18-362	DE	Published	102014201504.9	28-Jan-2014	1020142015	07-Aug-2014		
18-362	GB	Published	1401226.4	24-Jan-2014	2511923	17-Sep-2014		
18-362	JP	Pending	2014-12031	27-Jan-2014				
18-362	US	Published	14/166,600	28-Jan-2014	14/0211818	31-Jul-2014		
18-376	US	Pending	14/522,836	24-Oct-2014				
18-377	US	Pending	14/517,165	17-Oct-2014				
18-378	US	Pending	14/603,742	23-Jan-2015				
18-380	US	Pending	14/576,335	19-Dec-2014				
18-386	US	Pending	14/731,501	05-Jun-2015				
18-387	US	Pending	14/731,510	05-Jun-2015				
18-5	US	Abandoned	10/227,845	27-Aug-2002	03-0048985	13-Mar-2003	6,865,315	08-Mar-2005
18-5	US	Granted	11/043,656	26-Jan-2005	05-0352699	14-Jul-2005	7,254,294	07-Aug-2007
18-59	US	Granted	09/644,417	23-Aug-2000			6,792,210	14-Sep-2004
18-6	US	Granted	10/227,844	27-Aug-2002	03-0048537	13-Mar-2003	6,728,038	27-Apr-2004
18-61	US	Granted	10/867,531	14-Jun-2004	05-0276286	15-Dec-2005	7,120,174	10-Oct-2006
18-66	CN	Abandoned	200510090897.2	19-Aug-2005	1741328	01-Mar-2006	21200510090	12-May-2010
18-66	DE	Abandoned	05254231.3	05-Jul-2005	1630911	01-Mar-2006	1630911	27-May-2009

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18-66	FR	Abandoned	05254231.3	05-Jul-2005	1630911	01-Mar-2006	1630911	27-May-2009
18-66	GB	Abandoned	05254231.3	05-Jul-2005	1630911	01-Mar-2006	1630911	27-May-2009
18-66	US	Granted	11/012,362	15-Dec-2004	06-0039436	23-Feb-2006	7,260,133	21-Aug-2007
18-78	US	Granted	09/810,433	16-Mar-2001	02-0131180	19-Sep-2002	6,542,306	01-Apr-2003
18-79	CN	Granted	200610002382.7	27-Jan-2006	1819377	16-Aug-2006	ZL200610002	17-Feb-2010
18-79	EP	Published	06250294.3	20-Jan-2006	1696522	30-Aug-2006		
18-79	US	Granted	11/051,023	04-Feb-2005	06-0176913	10-Aug-2006	7,843,978	30-Nov-2010
18-85	US	Granted	09/765,522	17-Jan-2001	02-0009372	18-Jul-2002	6,785,038	31-Aug-2004
18-86	US	Granted	09/810,825	16-Mar-2001	02-0130586	19-Sep-2002	6,771,001	03-Aug-2004
18-88	US	Abandoned	09/765,520	17-Jan-2001	02-0009415	18-Jul-2002	6,801,681	05-Oct-2004
18-9	US	Granted	10/197,865	19-Jul-2002	03-0086176	08-May-2003	6,721,100	13-Apr-2004
19-10	US	Granted	10/190,930	08-Jul-2002	03-0026518	06-Feb-2003	6,760,499	06-Jul-2004
19-12	US	Granted	10/412,856	14-Apr-2003	03-0194183	16-Oct-2003	6,882,778	19-Apr-2005
19-2	US	Granted	09/965,677	27-Sep-2001	02-0176665	28-Nov-2002	6,728,442	27-Apr-2004
19-3	US	Expired	07/545,874	29-Jun-1990			5,059,475	22-Oct-1991
19-8	US	Expired	08/253,331	03-Jun-1994			5,432,877	11-Jul-1995
20-2	US	Abandoned	09/967,483	28-Sep-2001	02-0051608	02-May-2002	6,684,014	27-Jan-2004
20-3	US	Abandoned	09/981,048	16-Oct-2001	02-0057868	16-May-2002	6,941,072	06-Sep-2005
20-48	CN	Granted	02123139.7	19-Jun-2002	1464317	31-Dec-2003	ZL02123139	06-Dec-2006
20-48	US	Granted	10/177,668	24-Jun-2002	03-0234935	25-Dec-2003	6,785,000	31-Aug-2004
20-56	CN	Abandoned	02143518.9	27-Sep-2002	1485647	31-Mar-2004	02143518.9	20-Jun-2007
20-56	US	Granted	10/244,631	17-Sep-2002			6,661,577	09-Dec-2003
20-9	US	Granted	10/186,377	01-Jul-2002	03-0007247	09-Jan-2003	6,687,055	03-Feb-2004
21-5	US	Granted	08/441,463	15-May-1995			5,590,226	31-Dec-1996
21-6	US	Granted	08/510,845	03-Aug-1995			5,611,007	11-Mar-1997
23-2	US	Granted	09/488,978	21-Jan-2000			6,373,864	16-Apr-2002
23-3	US	Granted	09/856,710	27-Nov-1998			6,882,465	19-Apr-2005
24-1	US	Granted	09/410,786	01-Oct-1999			6,485,322	26-Nov-2002
24-10	US	Granted	09/591,640	09-Jun-2000			6,666,484	23-Dec-2003
24-11	US	Granted	09/569,624	25-Sep-2000			6,746,264	08-Jun-2004
24-12	US	Abandoned	09/801,320	07-Mar-2001			6,371,787	16-Apr-2002
24-13	US	Granted	09/852,003	10-May-2001	02-0167793	14-Nov-2002	6,538,882	25-Mar-2003
24-14	US	Abandoned	09/893,812	28-Jun-2001	03-0002837	02-Jan-2003	6,516,129	04-Feb-2003

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24-15	US	Granted	08/928,389	12-Sep-1997			5,901,263	04-May-1999
24-16	US	Expired	08/080,275	21-Jun-1993			5,329,828	12-Jul-1994
24-17	US	Granted	09/047,829	25-Mar-1998			6,091,750	18-Jul-2000
24-18	US	Granted	09/215,977	18-Dec-1998			5,980,324	09-Nov-1999
24-19	US	Granted	09/216,104	18-Dec-1998			6,074,228	13-Jun-2000
24-19	US	Granted	09/441,248	16-Nov-1999			6,142,802	07-Nov-2000
24-29	US	Expired	08/228,972	28-Apr-1994			5,513,073	30-Apr-1996
24-3	US	Granted	10/352,820	28-Jan-2003	03-0141090	31-Jul-2003	6,788,540	07-Sep-2004
24-30	US	Abandoned	09/454,919	03-Dec-1999			6,304,436	16-Oct-2001
24-32	US	Granted	08/928,119	12-Sep-1997			6,085,006	04-Jul-2000
24-32	US	Granted	09/457,285	08-Dec-1999			6,200,041	13-Mar-2001
24-32	US	Granted	09/716,821	20-Nov-2000			6,439,781	27-Aug-2002
24-35	US	Granted	09/348,955	07-Jul-1999			6,302,596	16-Oct-2001
24-36	US	Granted	08/592,279	26-Jan-1996			5,631,991	20-May-1997
24-37	US	Expired	08/551,072	31-Oct-1995			5,537,504	16-Jul-1996
24-38	US	Expired	08/016,368	11-Feb-1993			5,329,604	12-Jul-1994
24-39	US	Expired	07/499,238	26-Mar-1990			5,005,939	09-Apr-1991
24-4	US	Abandoned	09/410,016	01-Oct-1999			6,407,932	18-Jun-2002
24-41	US	Expired	07/771,904	04-Oct-1991			5,202,943	13-Apr-1993
24-42	JP	Abandoned		20-Oct-1993			3077125	16-Jun-2000
24-42	US	Expired	07/976,620	16-Nov-1992			5,604,831	18-Feb-1997
24-42	US	Abandoned	08/794,761	30-May-1996			5,852,257	22-Dec-1998
24-43	US	Expired	07/976,632	16-Nov-1992			5,295,214	15-Mar-1994
24-43	US	Abandoned	08/163,202	06-Dec-1993			5,802,711	08-Sep-1998
24-43	US	Expired	08/545,163	19-Oct-1995			5,632,630	27-May-1997
24-43	US	Expired	08/469,933	06-Jun-1995			5,663,526	02-Sep-1997
24-44	US	Abandoned	10/388,682	14-Mar-2003	03-0201381	30-Oct-2003	6,906,306	14-Jun-2005
24-45	US	Granted	10/378,737	04-Mar-2003	03-0171022	11-Sep-2003	6,890,206	10-May-2005
24-49	US	Abandoned	09/809,650	15-Mar-2001	02-0131721	19-Sep-2002	6,579,013	17-Jun-2003
24-5	US	Granted	09/703,644	01-Nov-2000			6,544,955	08-Apr-2003
24-50	US	Granted	09/885,683	20-Jun-2001	02-0196500	26-Dec-2002	6,873,799	29-Mar-2005
24-51	US	Granted	09/946,653	04-Sep-2003			6,502,999	07-Jan-2003
24-52	US	Abandoned	09/985,345	02-Nov-2001	03-0085054	08-May-2003	6,617,518	09-Sep-2003

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24-53	US	Granted	09/994,229	27-Nov-2001	03-0099021	29-May-2003	6,919,550	19-Jul-2005
24-55	US	Granted	10/015,024	11-Dec-2001	04-0207988	21-Oct-2004	7,003,230	21-Feb-2006
24-56	US	Granted	10/452,852	02-Jun-2003	03-0236019	25-Dec-2003	6,935,882	30-Aug-2005
24-59	US	Granted	10/367,278	14-Feb-2003	03-0169983	11-Sep-2003	6,916,122	12-Jul-2005
24-6	US	Granted	09/657,214	07-Sep-2000			6,519,160	11-Feb-2003
24-62	US	Granted	10/640,995	14-Aug-2003	04-0099788	27-May-2004	7,002,128	21-Feb-2006
24-67	US	Granted	10/657,548	08-Sep-2003	04-0101257	27-May-2004	6,916,123	12-Jul-2005
24-7	US	Granted	09/489,184	20-Jan-2000			6,335,869	01-Jan-2002
24-73	US	Granted	10/713,377	14-Nov-2003	04-0105627	03-Jun-2004	6,792,171	14-Sep-2004
24-77	US	Granted	10/852,604	24-May-2004	04-0240801	02-Dec-2004	7,004,647	28-Feb-2006
24-79	US	Granted	10/959,529	06-Oct-2004	05-0100292	12-May-2005	7,048,452	23-May-2006
24-8	US	Abandoned	09/489,870	20-Jan-2000			6,609,838	26-Aug-2003
24-80	US	Granted	11/011,719	14-Dec-2004	05-0128006	16-Jun-2005	7,202,732	10-Apr-2007
24-81	CN	Granted	200510002735.9	26-Jan-2005	1652677	10-Aug-2005	ZL200510002	03-Mar-2010
24-81	US	Granted	11/042,541	25-Jan-2005	05-0162761	28-Jul-2005	7,365,923	29-Apr-2008
24-82	CN	Granted	200510002736.3	26-Jan-2005	1657999	24-Aug-2005	20051000273	22-Jul-2009
24-82	US	Granted	11/042,868	25-Jan-2005	05-0175299	11-Aug-2005	7,160,039	09-Jan-2007
24-83	CN	Granted	200510005092.3	02-Feb-2005	1654997	17-Aug-2005	20051000509	24-Dec-2008
24-83	US	Granted	11/046,939	31-Jan-2005	05-0185882	25-Aug-2005	7,476,040	13-Jan-2009
24-84	CN	Granted	200510007732.4	16-Feb-2005	1721899	18-Jan-2006	20051000773	17-Jun-2009
24-84	US	Granted	11/054,453	09-Feb-2005	05-0244111	03-Nov-2005	7,322,754	29-Jan-2008
24-85	US	Abandoned	11/081,442	16-Mar-2005	05-0226571	13-Oct-2005	7,178,996	20-Feb-2007
24-86	US	Abandoned	11/157,558	21-Jun-2005	05-0282436	22-Dec-2005	7,175,475	13-Feb-2007
24-87	CN	Granted	200510090612.5	17-Aug-2005	1782760	07-Jun-2006	20051009061	04-Feb-2009
24-87	US	Granted	11/194,634	01-Aug-2005	06-0039123	23-Feb-2006	7,211,728	01-May-2007
24-88	CN	Granted	200510127787.9	06-Dec-2005	1825151	30-Aug-2006	20051012778	08-Apr-2009
24-88	US	Granted	11/251,720	17-Oct-2005	06-0121769	08-Jun-2006	7,090,527	15-Aug-2006
24-89	US	Granted	11/259,291	26-Oct-2005	06-0121794	08-Jun-2006	7,056,156	06-Jun-2006
24-9	US	Granted	09/566,012	05-May-2000			6,744,639	01-Jun-2004
24-90	US	Abandoned	11/294,909	06-Dec-2005			7,131,859	07-Nov-2006
24-93	CN	Granted	200610138094.4	07-Nov-2006	1964233	16-May-2007	20061013809	05-Sep-2012
24-93	US	Granted	11/556,453	03-Nov-2006	07-556,453	10-May-2007	7,453,306	18-Nov-2008
24-94	CN	Granted	200610162102.9	06-Dec-2006	1980095	13-Jun-2007	0610162102	29-Jun-2011

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24-94	US	Granted	11/563,896	28-Nov-2006	07-0127918	07-Jun-2007	7,787,766	31-Aug-2010
24-96	US	Granted	11/456,308	10-Jul-2006	08-0007344	10-Jan-2008	7,368,999	06-May-2008
25-10	US	Granted	10/100,277	18-Mar-2002			6,606,425	12-Aug-2003
25-13	US	Abandoned	10/368,195	18-Feb-2003			6,945,798	20-Sep-2005
25-13	US	Granted	11/200,696	10-Aug-2005	06-0034561	16-Feb-2006	7,203,390	10-Apr-2007
25-15	CN	Granted	200410058686.6	28-Jul-2004	1576921	09-Feb-2005	20041005868	26-Nov-2008
25-15	US	Granted	10/629,143	29-Jul-2003	05-0025427	03-Feb-2005	7,171,085	30-Jan-2007
25-2	US	Granted	10/281,876	28-Oct-2002	03-0085212	08-May-2003	6,664,511	16-Dec-2003
25-2	US	Granted	09/901,474	09-Jul-2001			6,486,440	26-Nov-2002
25-3	US	Abandoned	10/267,423	09-Oct-2002	03-0036212	20-Feb-2003	7,045,370	16-May-2006
25-3	US	Abandoned	09/931,282	16-Aug-2001			6,483,174	19-Nov-2002
25-4	US	Granted	09/977,065	12-Oct-2001	03-0072548	14-Apr-2003	6,947,653	20-Sep-2005
25-5	US	Granted	10/010,931	13-Nov-2001	03-0089694	15-May-2003	6,583,388	24-Jun-2003
25-6	US	Granted	10/001,266	30-Nov-2001	03-0103729	05-Jun-2003	6,665,475	16-Dec-2003
25-8	US	Granted	10/077,581	15-Feb-2002	03-0156789	21-Aug-2003	6,697,553	24-Feb-2004
25-9	US	Abandoned	10/099,565	15-Mar-2002	03-0174949	18-Sep-2003	6,963,684	08-Nov-2005
26-11	US	Abandoned	10/083,794	27-Feb-2002	03-0159280	28-Aug-2003	6,865,790	15-Mar-2005
26-13	US	Granted	10/083,838	27-Feb-2002	03-0161366	28-Aug-2003	6,647,039	11-Nov-2003
26-14	US	Granted	10/084,804	27-Feb-2002	03-0161026	28-Aug-2003	6,646,777	11-Nov-2003
26-4	US	Granted	10/083,808	27-Feb-2002	03-0159844	28-Aug-2003	6,653,557	25-Nov-2003
26-7	US	Abandoned	10/084,798	27-Feb-2002	03-0174454	18-Sep-2003	6,859,470	22-Feb-2005
26-8	US	Granted	10/086,031	27-Feb-2002	03-0159772	28-Aug-2003	6,773,532	10-Aug-2004
28-1	US	Granted	09/519,157	06-Mar-2000			6,407,854	18-Jun-2002
28-12	GB	Abandoned	0221715.6	18-Sep-2002	2382247	21-May-2003	2382247	07-Jan-2004
28-13	US	Granted	10/967,483	18-Oct-2004	05-0078957	14-Apr-2005	7,006,765	28-Feb-2006
28-4	US	Abandoned	08/854,536	12-May-1997			6,229,632	08-May-2001
28-5	US	Abandoned	08/896,930	18-Jul-1997			5,887,091	23-Mar-1999
28-6	US	Granted	08/922,295	03-Sep-1997			5,969,834	19-Oct-1999
28-7	US	Abandoned	08/990,421	15-Dec-1997			6,381,049	30-Apr-2002
28-8	CN	Abandoned	98801191.3	18-Aug-1998			1136637C	28-Jan-2004
28-8	DE	Abandoned	98940981.8	18-Aug-1998			69825026.5	14-Jul-2004
28-8	FR	Abandoned	98940981.8	18-Aug-1998			0932921	14-Jul-2004
28-8	GB	Abandoned	98940981.8	18-Aug-1998			0932921	14-Jul-2004

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28-8	US	Abandoned	08/915,129	20-Aug-1997			5,861,981	19-Jan-1999
29-1	US	Granted	10/452,473	30-May-2003			6,851,867	08-Feb-2005
29-10	US	Granted	09/321,308	27-May-1999			6,901,221	31-May-2005
29-11	US	Abandoned	10/026,846	18-Dec-2001			6,489,175	03-Dec-2002
29-11	US	Abandoned	10/280,521	25-Oct-2002	03-0157739	21-Aug-2003	6,642,070	04-Nov-2003
29-12	US	Abandoned	09/563,601	01-May-2000			6,498,875	24-Dec-2002
29-13	US	Abandoned	09/699,111	27-Oct-2000			6,542,530	01-Apr-2003
29-14	US	Abandoned	10/032,841	24-Oct-2001	02-0005461	09-May-2002	6,553,048	22-Apr-2003
29-15	US	Abandoned	09/834,521	12-Apr-2001			6,556,610	29-Apr-2003
29-16	US	Granted	09/400,359	20-Sep-1999			6,577,658	10-Jun-2003
29-16	US	Granted	10/338,137	08-Jan-2003	03-0138017	24-Jul-2003	6,822,993	23-Nov-2004
29-16	US	Granted	10/339,057	07-Jan-2003	03-0096439	22-May-2003	6,852,558	08-Feb-2005
29-17	CN	Abandoned	03813046.7	05-Jun-2003	1659461	24-Aug-2005	ZL03813046.	11-Jun-2008
29-17	CN	Abandoned	200701080118.7	05-Jun-2003	101174007	07-May-2008	20071018011	30-Sep-2009
29-17	US	Abandoned	10/165,676	06-Jun-2002	04-0208601	21-Oct-2004	6,954,592	11-Oct-2005
29-18	US	Granted	09/801,282	07-Mar-2001			6,594,294	15-Jul-2003
29-19	US	Granted	09/934,875	22-Aug-2001	02-0110338	15-Aug-2002	6,607,308	19-Aug-2003
29-19	US	Granted	10/618,234	11-Jul-2003	04-0037517	26-Feb-2004	6,874,953	05-Apr-2005
29-19	US	Granted	09/782,875	12-Feb-2001	02-0110336	15-Aug-2002	6,659,655	09-Dec-2003
29-2	US	Granted	10/456,386	06-Jun-2003	NONPUB		7,215,891	08-May-2007
29-20	US	Abandoned	09/547,172	11-Apr-2000			6,611,544	26-Aug-2003
29-21	US	Abandoned	09/419,318	15-Oct-1999			6,621,842	16-Sep-2003
29-22	US	Granted	09/860,930	17-May-2001	03-0031430	13-Feb-2003	6,632,030	14-Oct-2003
29-23	US	Abandoned	09/898,191	02-Jul-2001	03-0002545	02-Jan-2003	6,717,964	06-Apr-2004
29-24	US	Granted	11/873,641	17-Oct-2007			RE41147	23-Feb-2010
29-25	US	Granted	10/059,745	28-Jan-2002	NONPUB		6,846,115	25-Jan-2005
29-27	US	Abandoned	09/833,107	10-Apr-2001	02-0028048	07-Mar-2002	6,952,532	04-Oct-2005
29-28	US	Abandoned	10/056,394	24-Jan-2002	NONPUB		6,942,395	13-Sep-2005
29-29	US	Abandoned	09/656,779	09-Jul-2000			6,873,800	29-Mar-2005
29-3	US	Granted	10/172,403	14-Jun-2002	03-0206703	06-Nov-2003	6,869,231	22-Mar-2005
29-30	US	Abandoned	10/231,592	30-Aug-2002	NONPUB		6,940,885	06-Sep-2005
29-32	US	Granted	09/651,140	30-Aug-2000			7,013,088	14-Mar-2006
29-33	CN	Abandoned	200380103664.0	18-Nov-2003	1714485	28-Dec-2005	20038010366	09-Jan-2008

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29-33	US	Abandoned	10/299,387	19-Nov-2002	04-0095978	20-May-2004	6,936,486	30-Aug-2005
29-34	US	Granted	10/715,165	17-Nov-2003	NONPUB		6,906,353	14-Jun-2005
29-35	US	Abandoned	09/642,359	21-Aug-2000			6,628,685	30-Sep-2003
29-35	US	Abandoned	10/629,173	29-Jul-2003	NONPUB		6,852,557	08-Feb-2005
29-36	US	Granted	10/640,972	13-Aug-2003			7,061,949	13-Jun-2006
29-37	US	Granted	10/367,501	13-Feb-2003	NONPUB		7,002,131	21-Feb-2006
29-38	US	Granted	10/367,322	13-Feb-2003	NONPUB		7,215,883	08-May-2007
29-39	DE	Published	102005006395.0	11-Feb-2005	1020050063	01-Sep-2005		
29-39	TW	Granted	094104342	15-Feb-2005	200536223	01-Nov-2005	1371897	01-Sep-2012
29-39	US	Granted	10/779,894	17-Feb-2004	05-0180477	18-Aug-2005	7,095,768	22-Aug-2006
29-4	US	Granted	10/215,965	09-Aug-2002			6,840,680	11-Jan-2005
29-4	US	Granted	10/910,716	03-Aug-2004	06-0029332	09-Feb-2006	7,118,281	10-Oct-2006
29-40	US	Abandoned	09/699,112	27-Oct-2000			6,696,308	24-Feb-2004
29-5	US	Granted	09/896,695	28-Jun-2001	02-0150353	17-Oct-2002	6,863,448	08-Mar-2005
29-5	US	Granted	09/939,413	23-Aug-2001	02-0150344	17-Oct-2002	6,796,715	28-Sep-2004
29-5	US	Granted	10/405,578	01-Apr-2003	04-0047564	11-Mar-2004	6,883,971	26-Apr-2005
29-5	US	Granted	10/797,869	09-Mar-2004	05-0117854	02-Jun-2005	6,974,265	13-Dec-2005
29-6	CN	Granted	201010194891.0	11-Apr-2002	101944948	12-Jan-2011	10194891.0	04-Jun-2014
29-6	CN	Granted	02811992.4	11-Apr-2002	1516933	28-Jul-2004	02811992.4	23-May-2012
29-6	DE	Abandoned	02728741.6	11-Apr-2002	1396099	10-Mar-2004	60221523.4	01-Aug-2007
29-6	DE	Abandoned	07011588.6	11-Apr-2002	1855133	14-Nov-2007	1855133	31-Aug-2011
29-6	FR	Abandoned	02728741.6	11-Apr-2002	1396099	10-Mar-2004	1396099	01-Aug-2007
29-6	FR	Abandoned	07011588.6	11-Apr-2002	1855133	14-Nov-2007	1855133	31-Aug-2011
29-6	GB	Abandoned	02728741.6	11-Apr-2002	1396099	10-Mar-2004	1396099	01-Aug-2007
29-6	GB	Abandoned	07011588.6	11-Apr-2002	1855133	14-Nov-2007	1855133	31-Aug-2011
29-6	JP	Granted	2007-306278	11-Apr-2002			4386938	09-Oct-2009
29-6	JP	Abandoned	2002-582515	11-Apr-2002	US02/11490		4093862	14-Mar-2008
29-6	US	Granted	09/939,403	23-Aug-2001	02-0150343	17-Oct-2002	6,692,159	17-Feb-2004
29-6	US	Granted	10/271,398	15-Oct-2002	03-0059167	27-Mar-2003	6,943,854	13-Sep-2005
29-6	US	Granted	10/639,422	15-Aug-2003	NONPUB		6,994,478	07-Feb-2006
29-6	US	Granted	10/777,556	12-Feb-2004	04-0161207	19-Aug-2004	6,846,114	25-Jan-2005
29-6	US	Granted	10/830,367	27-Dec-2002	03-0133665	17-Jul-2003	6,811,317	02-Nov-2004
29-6	US	Granted	10/331,048	27-Dec-2002	03-0133667	17-Jul-2003	6,814,502	09-Nov-2004

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29-6	US	Granted	10/330,462	26-Dec-2002	03-0133666	17-Jul-2003	6,832,856	21-Dec-2004
29-7	US	Granted	10/185,091	28-Jun-2002			6,665,498	16-Dec-2003
29-7	US	Granted	10/681,663	07-Oct-2003	04-0067061	08-Apr-2004	6,947,672	20-Sep-2005
29-8	US	Abandoned	09/320,409	26-May-1999			6,213,651	10-Apr-2001
29-8	US	Abandoned	09/745,033	20-Dec-2000	02-0076173	20-Jun-2002	6,840,686	11-Jan-2005
29-9	TW	Abandoned	090109649	23-Apr-2001	523970	11-Mar-2003	NI-173392	04-Jul-2003
29-9	US	Abandoned	09/430,570	29-Oct-1999			6,424,669	23-Jul-2002
29-9	US	Abandoned	09/560,008	27-Apr-2000			6,339,607	15-Jan-2002
29-9	US	Abandoned	09/833,368	12-Apr-2001	01-0021214	13-Sep-2001	6,347,108	12-Feb-2002
29-9	US	Abandoned	10/175,338	18-Jun-2002	03-0007538	09-Jan-2003	6,580,741	17-Jun-2003
30-1	US	Abandoned	10/346,653	17-Jan-2003	NONPUB		7,050,671	23-May-2006
32-1	US	Granted	08/959,114	23-Oct-1997			5,855,967	05-Jan-1999
32-13	US	Granted	09/563,035	01-May-2000			6,498,107	24-Dec-2002
32-2	US	Granted	09/073,786	06-May-1998			6,251,835	26-Jun-2001
32-3	US	Granted	09/412,949	05-Oct-1999			6,375,790	23-Apr-2002
32-4	US	Granted	09/902,306	10-Jul-2001			6,537,606	25-Mar-2003
32-8	US	Granted	09/461,148	14-Dec-1999			6,331,227	18-Dec-2001
32-8	US	Granted	09/969,559	02-Oct-2001			6,624,081	23-Sep-2003
32-9	US	Granted	09/731,688	06-Dec-2000			6,486,478	26-Nov-2002
33-1	US	Granted	10/161,747	05-Jun-2002	03/0011847	16-Jan-2003	7,224,911	29-May-2007
34-1	US	Expired	07/844,149	02-Mar-1992			5,342,451	30-Aug-1994
34-2	CN	Granted	200710301932.X	20-Dec-2007	101344872	14-Jan-2009	20071030193	15-May-2013
34-2	US	Granted	11/958,460	18-Dec-2007	08-0235418	25-Sep-2008	8,180,225	15-May-2012
34-5	US	Granted	11/958,712	18-Dec-2007	11-0108082	12-May-2011	8,742,251	03-Jun-2014
35-1	CN	Published	200580024706.0	15-Jul-2005	101002368	18-Jul-2007		
35-1	US	Granted	10/896,641	20-Jul-2004	06-0018350	26-Jan-2006	7,352,784	01-Apr-2008
35-10	US	Granted	09/494,747	31-Jan-2000			6,654,392	25-Nov-2003
35-11	US	Abandoned	09/574,585	17-May-2000			6,456,424	24-Sep-2002
35-12	US	Granted	09/608,442	29-Jun-2000			6614815	02-Sep-2003
35-13	US	Granted	09/576,171	22-May-2000			6,826,205	30-Nov-2004
35-14	US	Abandoned	09/772,452	29-Jan-2001			6,665,320	16-Dec-2003
35-15	US	Granted	08/268,781	30-Jun-1994			5,774,488	30-Jun-1998
35-17	US	Expired	08/979,576	07-May-1993			5,635,043	25-Mar-1997

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35-18	US	Expired	08/079,640	18-Jun-1993			5,546,222	13-Aug-1996
35-2	US	Granted	09/825,148	02-Apr-2001			6,563,995	13-May-2003
35-20	US	Granted	08/593,134	01-Feb-1996			5,640,405	17-Jun-1997
35-20	US	Abandoned	08/858,620	20-May-1997			5,768,302	16-Jun-1998
35-21	US	Granted	08/679,523	12-Jul-1996			5,757,831	26-May-1998
35-22	US	Granted	08/754,217	20-Nov-1996			5,787,102	28-Jul-1998
35-23	US	Granted	08/789,760	28-Jan-1997			5,867,324	02-Feb-1999
35-24	US	Expired	07/478,812	07-Feb-1990			5,103,457	07-Apr-1992
35-25	US	Expired	07/849,667	11-Mar-1992			5,299,222	29-Mar-1994
35-26	US	Expired	07/783,532	28-Oct-1991			5,329,539	12-Jul-1994
35-27	US	Expired	07/710,288	04-Jun-1991			5,226,051	06-Jul-1993
35-28	US	Expired	07/790,646	08-Nov-1991			5,237,584	17-Aug-1993
35-3	US	Granted	08/784,448	16-Jan-1997			5,982,790	09-Nov-1999
35-37	US	Expired	07/343,469	25-Apr-1989			5,076,678	31-Dec-1991
35-38	US	Expired	07/343,114	25-Apr-1989			5,130,995	14-Jul-1992
35-39	US	Granted	10/662,097	12-Sep-2003	04/0052278	18-Mar-2004	7,039,076	02-May-2006
35-4	US	Granted	08/977,820	25-Nov-1997			5,850,407	15-Dec-1998
35-40	US	Granted	09/927,596	10-Aug-2001			6,753,931	22-Jun-2004
35-41	US	Granted	09/927,191	10-Aug-2001			6,701,044	02-Mar-2004
35-42	US	Granted	09/823,908	30-Mar-2001			6,654,391	25-Nov-2003
35-43	US	Abandoned	09/863,842	22-May-2001			6,710,914	23-Mar-2004
35-44	US	Granted	10/095,303	08-Mar-2002	03-0169488	11-Sep-2003	6,909,538	21-Jun-2005
35-44	US	Abandoned	10/346,960	17-Jan-2003	03-0169484	11-Sep-2003	7,054,061	30-May-2006
35-44	US	Abandoned	10/186,561	28-Jun-2002			6,903,865	07-Jun-2005
35-44	US	Abandoned	10/194,680	12-Jul-2002			6,844,962	18-Jan-2005
35-44	US	Abandoned	10/386,406	10-Mar-2003			6,876,490	05-Apr-2005
35-47	US	Abandoned	09/863,840	22-May-2001			6,731,660	04-May-2004
35-48	US	Granted	10/163,557	05-Jun-2002	03-0228118	11-Dec-2003	6,970,631	29-Nov-2005
35-49	US	Granted	10/348,802	21-Jan-2003	04-0141228	22-Jul-2004	6,995,900	07-Feb-2006
35-5	US	Granted	09/038,811	11-Mar-1998			6,009,110	28-Dec-1999
35-57	CN	Granted	200610067466.9	29-Mar-2006	1848557	18-Oct-2006	20061006746	05-Oct-2011
35-57	EP	Published	06251662.0	28-Mar-2006	1753103	14-Feb-2007		
35-57	JP	Granted	2006-89524	28-Mar-2006			5189738	01-Feb-2013

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35-57	KR	Granted	2006-28509	29-Mar-2006			1258124	19-Apr-2013
35-57	US	Granted	11/277,733	28-Mar-2006	06-0222023	05-Oct-2006	7,567,594	28-Jul-2009
35-58	US	Abandoned	10/175,202	17-Jun-2002			6,859,283	22-Feb-2005
35-59	US	Abandoned	10/006,786	05-Dec-2001			6,807,203	19-Oct-2004
35-60	US	Granted	10/113,921	28-Mar-2002			6,697,391	24-Feb-2004
35-61	US	Abandoned	10/212,931	05-Aug-2002			6,891,608	10-May-2005
35-63	US	Granted	10/662,086	12-Sep-2003	05/0058163	17-Mar-2005	7,116,687	03-Oct-2006
35-65	US	Granted	10/429,261	02-May-2003	04/0218653	04-Nov-2004	7,046,712	16-May-2006
35-66	US	Granted	10/377,978	01-Mar-2003	03/0179785	25-Sep-2003	6,909,730	21-Jun-2005
35-68	US	Granted	11/136,884	25-May-2005	06-0268950	30-Nov-2006	7,391,794	24-Jun-2008
35-7	US	Granted	09/452,938	01-Dec-1999			6,614,818	02-Sep-2003
35-8	US	Granted	09/452,767	01-Dec-1999			6,366,593	02-Apr-2002
35-9	US	Granted	09/512,418	24-Feb-2000			6,320,706	20-Nov-2001
36-284	US	Published	14/265,595	30-Apr-2014	14-0321061	30-Oct-2014		
36-301	US	Published	14/521,878	23-Oct-2014	15-0110484	23-Apr-2015		
37-1	CN	Granted	01808964.X	04-May-2001	1428018A	02-Jul-2003	1240167	01-Feb-2006
37-1	DE	Granted	01933039.8	04-May-2001	SEE REMARK		60135106.1	30-Jul-2008
37-1	FR	Granted	01933039.8	04-May-2001	SEE REMARK		1281221	30-Jul-2008
37-1	GB	Granted	01933039.8	04-May-2001	SEE REMARK		1281221	30-Jul-2008
37-1	IT	Granted	01933039.8	04-May-2001	SEE REMARK		1281221	30-Jul-2008
37-1	JP	Granted	2001-581391	04-May-2001	2003-53303	05-Nov-2003	4989834	11-May-2012
37-1	SE	Granted	01933039.8	04-May-2001	SEE REMARK		1281221	30-Jul-2008
37-1	US	Granted	09/848,791	04-May-2001			6,590,924	08-Jul-2003
37-10	US	Granted	10/476,846	15-May-2002			7,061,943	13-Jun-2006
37-11	US	Granted	10/476,770	05-Nov-2003			6,954,476	11-Oct-2005
37-12	US	Granted	09/946,827	04-Sep-2001			6,826,322	30-Nov-2004
37-13	US	Granted	10/177,231	21-Jun-2002			6,850,659	01-Feb-2005
37-14	US	Granted	09/920,319	31-Jul-2001			6,665,105	16-Dec-2003
37-16	US	Granted	09/946,775	04-Sep-2001			6,556,752	29-Apr-2003
37-2	CA	Granted	2,410,964	01-Jun-2001			2,410,964	30-Nov-2010
37-2	CN	Granted	01810499.1	01-Jun-2001			1227789	16-Nov-2005
37-2	DE	Granted	01944233.4	01-Jun-2001			60105154.8	25-Aug-2004
37-2	FR	Granted	01944233.4	01-Jun-2001			1290765	25-Aug-2004

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37-2	GB	Granted	01944233.4	01-Jun-2001			1290765	25-Aug-2004
37-2	IT	Granted	01944233.4	01-Jun-2001			1290765	25-Aug-2004
37-2	JP	Granted	2002-502873	01-Jun-2001	2003536264	02-Dec-2003	5443660	27-Dec-2013
37-2	US	Granted	09/872,438	01-Jun-2001			6,909,734	21-Jun-2005
37-20	US	Granted	10/284,734	31-Oct-2002			7,061,947	13-Jun-2006
37-21	US	Granted	10/284,733	31-Oct-2002			6,765,940	20-Jul-2004
37-3	US	Granted	09/879,821	11-Jun-2001			6,937,638	30-Aug-2005
37-3	US	Granted	11/180,347	13-Jul-2005	05/0265420	01-Dec-2005	7,643,532	05-Jan-2010
37-31	US	Granted	09/614,195	12-Jul-2000			6,574,259	03-Jun-2003
37-32	US	Granted	09/614,224	12-Jul-2000			6,654,400	25-Nov-2003
37-33	US	Granted	09/614,375	12-Jul-2000			6,658,035	02-Dec-2003
37-34	US	Granted	09/614,376	12-Jul-2000			6,614,819	02-Sep-2003
37-35	US	Abandoned	09/614,377	12-Jul-2000			6,580,739	17-Jun-2003
37-36	US	Granted	09/614,378	12-Jul-2000			6,628,690	30-Sep-2003
37-37	US	Granted	09/614,665	12-Jul-2000			6,687,278	03-Feb-2004
37-38	US	Abandoned	09/614,674	12-Jul-2000			6,624,000	23-Sep-2003
37-39	US	Abandoned	09/614,895	12-Jul-2000			6,349,106	12-Feb-2002
37-4	US	Granted	09/895,848	29-Jun-2001			6,788,719	07-Sep-2004
37-40	DE	Granted	00986179.0	18-Aug-2000			60023717.6	02-Nov-2005
37-40	FR	Granted	00986179.0	18-Aug-2000			1210754	02-Nov-2005
37-40	GB	Granted	00986179.0	18-Aug-2000			1210754	02-Nov-2005
37-40	IT	Granted	00986179.0	18-Aug-2000			1210754	02-Nov-2005
37-40	JP	Abandoned	2001-527409	18-Aug-2000	2003513297	08-Apr-2003	4477273	19-Mar-2010
37-41	DE	Granted	00986181.6	18-Aug-2000			60026071.2	15-Feb-2006
37-41	FR	Granted	00986181.6	18-Aug-2000			1210753	15-Feb-2006
37-41	GB	Granted	00986181.6	18-Aug-2000			1210753	15-Feb-2006
37-41	IT	Granted	00986181.6	18-Aug-2000			1210753	15-Feb-2006
37-41	JP	Granted	2001-520520	18-Aug-2000	2003508926	04-Mar-2003	4918203	03-Feb-2012
37-41	SE	Granted	00986181.6	18-Aug-2000			1210753	15-Feb-2006
37-42	DE	Abandoned	00986182.4	18-Aug-2000			60026367.3	01-Mar-2006
37-42	FR	Abandoned	00986182.4	18-Aug-2000			1210755	01-Mar-2006
37-42	GB	Abandoned	00986182.4	18-Aug-2000			1210755	01-Mar-2006
37-42	IT	Abandoned	00986182.4	18-Aug-2000			1210755	01-Mar-2006

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37-42	SE	Abandoned	00986182.4	18-Aug-2000			1210755	01-Mar-2006
37-43	US	Granted	10/639,093	12-Aug-2003			7,378,681	27-May-2008
37-45	US	Granted	10/723,976	26-Nov-2003	04-0109658	10-Jun-2004	7,050,689	23-May-2006
37-46	US	Abandoned	10/724,942	01-Dec-2003			7,043,097	09-May-2006
37-46	US	Abandoned	11/359,824	22-Feb-2006	06-0140528	29-Jun-2006	7,133,576	07-Nov-2006
37-46	US	Abandoned	11/489,067	19-Jul-2006	06-0257065	16-Nov-2006	7,174,058	06-Feb-2007
37-47	US	Granted	10/909,188	30-Jul-2004	05-0025419	03-Feb-2005	7,633,988	15-Dec-2009
37-48	CN	Granted	200580026619.9	05-Aug-2005	101065915	31-Oct-2007	20058002661	05-Dec-2012
37-48	EP	Published	05858053.1	05-Aug-2005	1776608	25-Apr-2007		
37-48	US	Granted	11/571,872	05-Aug-2005	08-0094123	24-Apr-2008	7,715,732	11-May-2010
37-5	US	Granted	09/895,598	29-Jun-2001			6,690,693	10-Feb-2004
37-51	US	Granted	09/971,084	03-Oct-2001	03-0035119	20-Feb-2003	6,621,580	13-Sep-2003
37-7	US	Granted	10/310,393	04-Dec-2002			6,868,100	15-Mar-2005
38-1	US	Granted	10/015,086	11-Dec-2001	03/0116528	26-Jun-2003	7,244,367	17-Jul-2007
38-2	US	Abandoned	10/180,013	25-Jun-2002	03/0234711	25-Dec-2003	7,015,780	21-Mar-2006
38-3	US	Granted	10/254,360	25-Sep-2002	04/0057103	25-Mar-2004	7,038,829	02-May-2006
38-4	US	Abandoned	10/349,860	23-Jan-2003			6,760,145	06-Jul-2004
38-5	US	Granted	10/858,139	01-Jun-2004	05/0008283	13-Jan-2005	7,162,115	09-Jan-2007
38-6	US	Granted	10/085,963	28-Feb-2002	03/0031403	13-Feb-2003	6,778,728	17-Aug-2004
40-1	CA	Granted	2,486,725	20-May-2003			2,486,725	23-Oct-2012
40-1	CN	Abandoned	03811606.5	20-May-2003			ZL03811606	01-Sep-2010
40-1	JP	Abandoned	P2004-506227	20-May-2003			4487089	09-Apr-2010
40-1	US	Granted	10/493,107	20-Apr-2004	04/0252938	16-Dec-2004	7,236,660	26-Jun-2007
40-2	DE	Abandoned	03752682.9	20-May-2003			1506689	27-Sep-2006
40-2	FR	Abandoned	03752682.9	20-May-2003			1506689	27-Sep-2006
40-2	GB	Abandoned	03752682.9	20-May-2003			1506689	27-Sep-2005
40-2	US	Granted	10/493,102	20-Apr-2004	04/0258351	23-Dec-2004	7,027,684	11-Apr-2006
40-3	CA	Granted	2,486,742	20-May-2003			2,486,742	22-Sep-2009
40-3	US	Granted	11/477,478	30-Jun-2006			7,302,134	27-Nov-2007
40-3	US	Granted	10/493,109	20-Apr-2004	05/0002600	06-Jan-2005	7,088,882	08-Aug-2006
40-4	CA	Granted	2,522,790	20-Apr-2004			2,522,790	03-Dec-2013
40-4	US	Granted	10/827,252	20-Apr-2004	04/0212907	28-Oct-2004	7,095,546	22-Aug-2006
40-4	US	Granted	11/505,378	17-Aug-2006	07-058238	15-Mar-2007	7,443,569	28-Oct-2008

CaseNumber	Country	ApplicationStatus	AppNumber	FileDate	PubNumber	PubDate	PatNumber	IssDate
40-6	US	Granted	11/181,946	15-Jul-2005	06/0013585	19-Jan-2006	7,426,347	16-Sep-2008
40-7	US	Granted	11/247,265	12-Oct-2005	06/0078251	13-Apr-2006	7,212,704	01-May-2007
40-8	US	Granted	11/483,106	10-Jul-2006	07-0009204	11-Jan-2007	7,321,704	22-Jan-2008
41-1	US	Granted	10/709,135	15-Apr-2004			7,184,646	27-Feb-2007
41-10	US	Abandoned	10/690,857	22-Oct-2003	05/0089273	28-Apr-2005	6,937,795	30-Aug-2005
41-11	US	Abandoned	10/776,809	11-Feb-2004	05/0175047	11-Aug-2005	7,031,354	18-Apr-2006
41-12	US	Abandoned	10/776,810	11-Feb-2004	05/0175288	11-Aug-2005	6,975,797	13-Dec-2005
41-13	US	Abandoned	10/776,808	11-Feb-2004	05/0175046	11-Aug-2005	7,031,355	18-Apr-2006
41-14	US	Granted	11/769,196	27-Jun-2007	08-0002933	03-Jan-2008	7,366,364	29-Apr-2008
41-16	US	Abandoned	10/281,934	28-Oct-2002	04/0081393	29-Apr-2004	6,947,633	20-Sep-2005
41-17	US	Abandoned	10/298,465	18-Nov-2002	04/0096155	20-May-2004	6,947,639	20-Sep-2005
41-4	US	Granted	10/906,759	04-Mar-2005	06-0198016		7,218,442	15-May-2007
41-5	US	Abandoned	10/906,382	17-Feb-2005			7,173,756	06-Feb-2007
41-6	US	Granted	10/367,208	14-Feb-2003	04/0161200	19-Aug-2004	6,892,008	10-May-2005
41-7	US	Abandoned	10/376,102	01-Mar-2003	04/0170359	02-Sep-2004	6,807,346	19-Oct-2004
41-8	US	Granted	10/642,016	15-Aug-2003	05/0036527	17-Feb-2005	6,931,034	16-Aug-2005
41-9	US	Granted	10/690,858	22-Oct-2003	05/0089269	28-Apr-2005	7,212,708	01-May-2007
43-1	CA	Granted	2,576,160	04-Dec-1996			2,576,160	05-Apr-2011
43-1	CA	Granted	2,240,162	04-Dec-1996			2,240,162	27-Mar-2007
43-1	EP	Published	06090221.0	04-Dec-1996	1986295	29-Oct-2008		
43-1	US	Granted	08/574,165	18-Dec-1995			5,719,891	17-Feb-1998
43-1	US	Granted	08/686,489	25-Jul-1996			5,881,085	09-Mar-1999
43-1	US	Granted	08/964,598	05-Nov-1997			5,897,329	27-Apr-1999
43-1	US	Granted	08/986,401	08-Dec-1997			5,903,589	11-May-1999
43-1	US	Granted	09/235,639	22-Jan-1999			6,014,395	11-Jan-2000
43-1	US	Granted	09/457,303	09-Dec-1999			6,269,109	31-Jul-2001
43-1	US	Granted	09/557,289	25-Apr-2000			7,330,494	12-Feb-2008
43-1	US	Granted	09/826,952	06-Apr-2001			6,459,713	01-Oct-2002
43-1	US	Granted	10/105,510	26-Mar-2002	02/0097764		7,215,692	08-May-2007
43-1	US	Granted	10/213,091	07-Aug-2002	02/0186735	12-Dec-2002	6,765,943	20-Jul-2004
43-1	US	Granted	10/661,582	15-Sep-2003	04/0062284	01-Apr-2004	7,079,560	18-Jul-2006
43-10	US	Granted	09/579,470	26-May-2000			6,895,190	17-May-2005
43-11	US	Abandoned	09/941,832	30-Aug-2001			6,854,894	15-Feb-2005

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43-12	US	Granted	09/635,102	09-Aug-2000			6,780,053	24-Aug-2004
43-12	US	Granted	10/795,423	09-Mar-2004	04/0170005	02-Sep-2004	7,529,521	05-May-2009
43-13	US	Granted	09/877,216	11-Jun-2001			6,776,623	17-Aug-2004
43-13	US	Granted	10/816,901	05-Apr-2004	04/0192091	30-Sep-2004	7,293,997	13-Nov-2007
43-14	US	Abandoned	09/877,130	11-Jun-2001			6,551,134	22-Apr-2003
43-15	US	Abandoned	09/281,982	31-Mar-1999			6,498,880	24-Dec-2002
43-16	US	Granted	09/389,220	03-Sep-1999			6,302,590	16-Oct-2001
43-17	US	Granted	09/015,059	28-Jan-1998			6,075,804	13-Jun-2000
43-18	US	Granted	08/699,697	19-Aug-1996			5,724,374	03-Mar-1998
43-18	US	Granted	08/964,861	05-Nov-1997			5,985,683	16-Nov-1999
43-19	US	Granted	09/323,204	01-Jun-1999			6,243,508	05-Jun-2001
43-19	US	Abandoned	09/822,207	02-Apr-2001			6,421,474	16-Jul-2002
43-19	US	Granted	10/092,470	08-Mar-2002			6,542,672	01-Apr-2003
43-19	US	Granted	10/351,401	27-Jan-2003			6,741,777	25-May-2004
43-2	US	Granted	08/796,111	06-Feb-1997			5,822,356	13-Oct-1998
43-20	US	Granted	09/599,945	23-Jun-2000			6,556,607	29-Apr-2003
43-20	US	Abandoned	10/376,480	03-Mar-2003			6,980,579	27-Dec-2005
43-20	US	Granted	11/046,735	01-Feb-2005	06/0062266	23-Mar-2006	7,542,493	02-Jun-2009
43-21	US	Granted	08/721,590	25-Sep-1996			5,719,894	17-Feb-1998
43-21	US	Granted	08/721,589	25-Sep-1996			5,825,796	20-Oct-1998
43-21	US	Granted	08/721,769	25-Sep-1996			5,719,895	17-Feb-1998
43-21	US	Granted	09/115,689	15-Jul-1998			5,960,018	28-Sep-1999
43-21	US	Abandoned	09/320,945	26-May-1999			6,359,920	19-Mar-2002
43-21	US	Abandoned	09/602,776	23-Jun-2000			6,546,031	08-Apr-2003
43-21	US	Abandoned	10/373,566	26-Feb-2003	04-0017835	29-Jan-2004	6,920,165	19-Jul-2005
43-21	US	Granted	11/090,260	28-Mar-2005	05/0232323	20-Oct-2005	7,627,014	01-Dec-2009
43-25	US	Granted	12/042,062	04-Mar-2008	09-0226133	10-Sep-2009	7,802,930	28-Sep-2010
43-27	GB	Granted	09158844.2	27-Apr-2009	2112727	28-Oct-2009	2112727	17-Nov-2010
43-27	US	Granted	12/430,491	27-Apr-2009	09-0268767	29-Oct-2009	8,009,709	30-Aug-2011
43-28	US	Granted	12/137,252	11-Jun-2008	09-0310915	17-Dec-2009	7,796,850	14-Sep-2010
43-29	CN	Granted	201010133226.0	26-Mar-2010	101930096	29-Dec-2010	10133226.0	23-Jul-2014
43-29	US	Granted	12/648,608	29-Dec-2009	10/0329605	30-Dec-2010	8,442,365	14-May-2013
43-4	US	Granted	08/824,779	26-Mar-1997			5,877,519	02-Mar-1999

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