

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
3M Innovative Properties Company	07/23/2007
RECEIVING PARTY DATA	
Name:	Coley Pharmaceutical Group, Inc.
Street Address:	93 Worcester Street
Internal Address:	Suite 101
City:	Wellesley
State/Country:	MASSACHUSETTS
Postal Code:	02481
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	7132429
CORRESPONDENCE DATA	
Fax Number:	(617)646-8646
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	6176468232
Email:	jwatson@wolfgreenfield.com
Correspondent Name:	Edward R. Gates
Address Line 1:	600 Atlantic Avenue
Address Line 2:	Federal Reserve Plaza
Address Line 4:	Boston, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	C1271.70007US02
NAME OF SUBMITTER:	Edward R. Gates
Total Attachments: 39 source=C1271 - Patents Assignment#page1.tif source=C1271 - Patents Assignment#page2.tif	

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PATENTS ASSIGNMENT

THIS ASSIGNMENT OF PATENTS (this "Assignment") is effective June 29, 2007, by 3M Company (formerly Minnesota Mining and Manufacturing Company) and 3M Innovative Properties Company, corporations of the State of Delaware, with offices at 3M Center, 2501 Hudson Road, Saint Paul, Minnesota 55144 (collectively "Assignor") for the benefit of Coley Pharmaceutical Group, Inc., a corporation of the State of Delaware, with offices at 93 Worcester Street, Suite 101, Wellesley, MA 02481 ("Assignee"). This Assignment is being entered into pursuant to that certain Asset Purchase and License Agreement dated as of June 8, 2007, by and between Assignor and Assignee (the "Agreement").

FOR GOOD AND VALUABLE CONSIDERATION as recited in the Agreement, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, transfer, convey and assign to Assignee, its successors and assigns, its entire right, title and interest in and to the patents and patent applications listed on the attached Schedule B-1, the patents issuing from such pending applications, and, except as noted for certain patent families on Schedule B-1, any continuations, continuations-in-part, divisionals, provisionals, re-examinations, reissues, pending applications, supplemental protection certificates or extensions of any of the foregoing patents and applications (collectively, the "Assigned Patents"), and the inventions and discoveries set forth therein, and Assignor's right to file applications on such inventions and discoveries, together with all rights to sue and recover for any past, present or future infringement, damage or injury (and including the right to take over and continue any and all existing suits) to any of the foregoing and collect profits or damages with respect to the same, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors and assigns, to the full end of the term or terms for which Letters Patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made, and Assignor hereby authorizes and requests the Commissioner or Director of Patents and Trademarks of the United States and any official of any country foreign to the United States whose duty it is to issue patents, to issue or transfer all Letters Patent for the Assigned Patents to Assignee, its successors and assigns, in accordance with the terms of the assignment, or otherwise as Assignees may direct.

This Assignment is binding on Assignor, its successors and assigns, and will inure to the benefit of the Assignee, its successors and assigns. Nothing in this instrument, express or implied, is intended or shall be construed to confer upon, or give to, any person, corporation or entity other than Assignee, its successors and assigns, any remedy or claim under or by reason of this instrument, or any terms, covenants or conditions hereof, and all the terms, covenants and conditions in this instrument shall be for the sole and exclusive benefit of Assignee and its successors and assigns.

[Signature page to follow.]

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed as of the date first written above.

3M COMPANY, a Delaware corporation

By: _____

Name: _____

Title: Assistant Secretary

ACKNOWLEDGMENT

STATE OF minnesota)

) SS:

COUNTY OF Chisago)



Chris Johnson

On this 23rd day of July, 2007, Robert W. Sprague, the assistant secretary of 3M Company, to me personally known, personally appeared before me and stated that the foregoing instrument was signed on behalf of such corporation pursuant to proper corporate authority, and acknowledged the execution of the instrument as the free act and deed of the corporation.

3M INNOVATIVE PROPERTIES
COMPANY, a Delaware corporation

By: _____

Name: President Gary L. Griswold

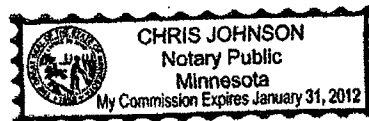
Title: President

ACKNOWLEDGMENT

STATE OF minnesota)

) SS:

COUNTY OF Chisago)



Chris Johnson

On this 23rd day of July, 2007, Gary L. Griswold, the president of 3M Innovative Properties Company, to me personally known, personally appeared before me and stated that the foregoing instrument was signed on behalf of such corporation pursuant to proper corporate authority, and acknowledged the execution of the instrument as the free act and deed of the corporation.

SCHEDULE B-1 - ASSIGNED PATENT RIGHTS						
Disclaimer: information listed in the following tables is derived primarily from 3M's internal database and is provided in good faith, but must be verified based on the actual patent records.						
COMPOUND CASES						
Case Number:	Status	Application #:	Filing Date:	Patent #:	Issue Date:	Expiration Date:
43894AU002	Abandoned	51426/90	16-Mar-1990	632099	14-Apr-1993	16-Mar-2010
43894CA003	Abandoned	2012226	15-Mar-1990	2012226	30-May-2000	15-Mar-2010
43894CH005	Abandoned	90303164.9	23-Mar-1990	0389302	31-Aug-1994	23-Mar-2010
43894CZ004	Abandoned	PV3906/91	19-Dec-1991			19-Dec-2011
43894DE005	Abandoned	90303164.9	23-Mar-1990	69011914.3	31-Aug-1994	23-Mar-2010
43894EP005	Abandoned	90303164.9	23-Mar-1990	0389302	31-Aug-1994	23-Mar-2010
43894ES005	Abandoned	90303164.9	23-Mar-1990	0389302	31-Aug-1994	23-Mar-2010
43894FR005	Abandoned	90303164.9	23-Mar-1990	0389302	31-Aug-1994	23-Mar-2010
43894GB005	Abandoned	90303164.9	23-Mar-1990	0389302	31-Aug-1994	23-Mar-2010
43894IN012	Abandoned	279/DEL/90	22-Mar-1990			22-Mar-2004
43894IT005	Abandoned	90303164.9	23-Mar-1990	0389302	31-Aug-1994	23-Mar-2010
43894JP006	Abandoned	75377/90	23-Mar-1990	2942584	18-Jun-1999	23-Mar-2010
43894KR007	Abandoned	4011/90	22-Mar-1990	180226	01-Dec-1998	01-Dec-2013
43894SE005	Abandoned	90303164.9	23-Mar-1990	0389302	31-Aug-1994	23-Mar-2010
43894US008	Issued	07/327693	23-Mar-1989	4929624	29-May-1990	23-Mar-2009
43894US009	Issued	07/484871	26-Feb-1990	5037986	06-Aug-1991	23-Mar-2009
43893AU002	Abandoned	50054/90	22-Feb-1990	630921	05-Mar-1993	22-Feb-2010
43893BE004	Abandoned	90301766.3	19-Feb-1990	0385630	27-Nov-1996	19-Feb-2010
43893CA003	Abandoned	2010430	20-Feb-1990			20-Feb-2010
43893CA013	Abandoned	2355852	10-Sep-2001			
43893CH004	Abandoned	90301766.3	19-Feb-1990	0385630	27-Nov-1996	19-Feb-2010
43893DE004	Abandoned	90301766.3	19-Feb-1990	69029212.0	27-Nov-1996	19-Feb-2010
43893DK004	Abandoned	90301766.3	19-Feb-1990	0385630	27-Nov-1996	19-Feb-2010
43893EP004	Abandoned	90301766.3	19-Feb-1990	0385630	27-Nov-1996	19-Feb-2010
43893ES004	Abandoned	90301766.3	19-Feb-1990	0385630	27-Nov-1996	19-Feb-2010
43893FR004	Abandoned	90301766.3	19-Feb-1990	0385630	27-Nov-1996	19-Feb-2010
43893GB004	Abandoned	90301766.3	19-Feb-1990	0385630	27-Nov-1996	19-Feb-2010
43893IT004	Abandoned	90301766.3	19-Feb-1990	0385630	27-Nov-1996	19-Feb-2010
43893JP005	Abandoned	47117/90	27-Feb-1990	2941336	18-Jun-1999	27-Feb-2010
43893KR006	Abandoned	2521/90	26-Feb-1990	179992	30-Nov-1998	30-Nov-2013
43893NL004	Abandoned	90301766.3	19-Feb-1990	0385630	27-Nov-1996	19-Feb-2010
43893NZ007	Abandoned	232602	20-Feb-1990	232602	09-Mar-1993	20-Feb-2010
43893NZ008	Abandoned	241942	12-Mar-1992	241942	17-Feb-1993	20-Feb-2010
43893SE004	Abandoned	90301766.3	19-Feb-1990	0385630	27-Nov-1996	19-Feb-2010
43893US009	Abandoned	08/070262	02-Jun-1993			
43893US010	Issued	08/455273	31-May-1995	5756747	26-May-1998	26-May-2015
43893US011	Abandoned	07/316035	27-Feb-1989			
43893US012	Abandoned	07/484761	26-Feb-1990			
47378AT005	Abandoned	92922745.2	22-Oct-1992	0641342	05-Aug-1998	22-Oct-2012
47378AU002	Abandoned	28938/92	22-Oct-1992	662569	28-Dec-1995	22-Oct-2012

47378BE005	Abandoned	92922745.2	22-Oct-1992	0641342	05-Aug-1998	22-Oct-2012
47378BR019	Cancelled					
47378CA003	Abandoned	2121249	22-Oct-1992			22-Oct-2012
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47378CZ004	Abandoned	PV1081/94	22-Oct-1992	281903	23-Jan-1997	22-Oct-2012
47378DE005	Abandoned	92922745.2	22-Oct-1992	69226537.6	05-Aug-1998	22-Oct-2012
47378DK005	Abandoned	92922745.2	22-Oct-1992	0641342	05-Aug-1998	22-Oct-2012
47378EP005	Abandoned	92922745.2	22-Oct-1992	0641342	05-Aug-1998	22-Oct-2012
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47378GB005	Abandoned	92922745.2	22-Oct-1992	0641342	05-Aug-1998	22-Oct-2012
47378HU006	Abandoned	P9401317	22-Oct-1992	220514	23-Jan-2002	22-Oct-2012
47378HU015	Abandoned	P/P00742	01-Jul-1994	211306	11-Oct-1995	01-Jul-2014
47378IE005	Abandoned	92922745.2	22-Oct-1992	0641342	05-Aug-1998	22-Oct-2012
47378IL007	Abandoned	103561	27-Oct-1992	103561	19-Sep-1996	27-Oct-2012
47378IT005	Abandoned	92922745.2	22-Oct-1992	0641342	05-Aug-1998	22-Oct-2012
47378JP008	Abandoned	508475/93	22-Oct-1992	3447732	04-Jul-2003	22-Oct-2012
47378KR009	Abandoned	701480/94	22-Oct-1992	242737	12-Nov-1999	12-Nov-2014
47378MX010	Abandoned	926409	06-Nov-1992	183922	31-Jan-1997	06-Nov-2012
47378NL005	Abandoned	92922745.2	22-Oct-1992	0641342	05-Aug-1998	22-Oct-2012
47378NO026	Cancelled					
47378NZ011	Abandoned	244906	28-Oct-1992	244906	07-Jul-1995	28-Oct-2012
47378PH013	Abandoned	45196	29-Oct-1992	29609	15-Apr-1996	15-Apr-2013
47378SE005	Abandoned	92922745.2	22-Oct-1992	0641342	05-Aug-1998	22-Oct-2012
47378US016	Issued	07/788565	06-Nov-1991	5266575	30-Nov-1993	06-Nov-2011
47378WO012	National	US92/09018	22-Oct-1992			
47378ZA014	Abandoned	92/8300	27-Oct-1992	92/8300	28-Jul-1993	27-Oct-2012
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46938BE004	Abandoned	92919122.9	26-Aug-1992	0603251	18-Oct-2000	26-Aug-2012
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46938CH004	Abandoned	92919122.9	26-Aug-1992	0603251	18-Oct-2000	26-Aug-2012
46938CZ003	Abandoned	PV487/94	26-Aug-1992	281726	18-Mar-1997	26-Aug-2012
46938DE004	Abandoned	92919122.9	26-Aug-1992	0603251	18-Oct-2000	26-Aug-2012
46938DK004	Abandoned	92919122.9	26-Aug-1992	0603251	18-Oct-2000	26-Aug-2012
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46938HU005	Abandoned	P9400623	26-Aug-1992	218079	18-Jun-2001	26-Aug-2012
46938HU014	Abandoned	P9403112	26-Aug-1992	217715	12-Jul-2000	26-Aug-2012
46938HU016	Abandoned	P/P00663	01-Jul-1994	211624	07-Nov-1996	01-Jul-2014
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46938JP007	Abandoned	505271/93	26-Aug-1992	3315983	07-Jun-2002	26-Aug-2012
46938KR008	Abandoned	700693/94	26-Aug-1992	233313	10-Sep-1999	10-Sep-2014
46938MX009	Abandoned	925046	03-Sep-1992	185665	19-Aug-1997	03-Sep-2012
46938MX015	Abandoned	963711	03-Sep-1992	196659	26-May-2000	03-Sep-2012
46938MX017	Abandoned	963710	03-Sep-1992	196477	16-May-2000	03-Sep-2012

46938NL004	Abandoned	92919122.9	26-Aug-1992	0603251	18-Oct-2000	26-Aug-2012
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46938NZ010	Abandoned	244075	25-Aug-1992	244075	13-Sep-1995	25-Aug-2012
46938PH012	Abandoned	44877	31-Aug-1992	30132	21-Jan-1997	21-Jan-2014
46938PH037	Abandoned	51762	31-Aug-1992	31854	17-Nov-1999	17-Nov-2016
46938SE004	Abandoned	92919122.9	26-Aug-1992	0603251	18-Oct-2000	26-Aug-2012
46938US019	Issued	08/620779	22-Mar-1996	5714608	03-Feb-1998	03-Feb-2015
46938US020	Issued	07/754610	04-Sep-1991	5268376	07-Dec-1993	04-Sep-2011
46938US021	Issued	07/933408	21-Aug-1992	5346905	13-Sep-1994	13-Sep-2011
46938US036	Issued	08/264731	23-Jun-1994	5525612	11-Jun-1996	11-Jun-2013
46938WO011	National	US92/07226	26-Aug-1992			
46938ZA013	Abandoned	92/6456	26-Aug-1992	92/6456	26-May-1993	26-Aug-2012
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49228ES002	Abandoned	94921973.7	17-Jun-1994	0708773	04-Oct-2000	17-Jun-2014
49228FR002	Abandoned	94921973.7	17-Jun-1994	0708773	04-Oct-2000	17-Jun-2014
49228GB002	Abandoned	94921973.7	17-Jun-1994	0708773	04-Oct-2000	17-Jun-2014
49228IT002	Abandoned	94921973.7	17-Jun-1994	0708773	04-Oct-2000	17-Jun-2014
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49228US005	Issued	08/812459	06-Mar-1997	5886006	23-Mar-1999	23-Mar-2016
49228US006	Issued	08/092014	15-Jul-1993	5352784	04-Oct-1994	15-Jul-2013
49228US007	Issued	08/277959	20-Jul-1994	5444065	22-Aug-1995	15-Jul-2013
49228US008	Issued	08/471442	31-May-1995	5648516	15-Jul-1997	15-Jul-2014
49228US009	Issued	08/675204	03-Jul-1996	5627281	06-May-1997	06-May-2014
49228US010	Abandoned	09/218342	22-Dec-1998			
49228WO004	National	US94/06909	17-Jun-1994			
49865AT006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
49865AU002	Abandoned	43743/96	06-Dec-1995	692033	05-Nov-1998	06-Dec-2015
49865BE006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
49865CA003	Abandoned	2209487	06-Dec-1995	2209487	26-Apr-2005	06-Dec-2015
49865CH006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
49865CN004	Abandoned	95197310.X	06-Dec-1995	95197310.X	03-Feb-2001	06-Dec-2015
49865CZ005	Abandoned	PV2204/97	06-Dec-1995	285682	12-Aug-1999	06-Dec-2015
49865DE006	Abandoned	95942556.2	06-Dec-1995	69516540.2	26-Apr-2000	06-Dec-2015
49865DK006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
49865EP006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
49865ES006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
49865FI007	Abandoned	97/2967	06-Dec-1995	113866	30-Jun-2004	06-Dec-2015
49865FR006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
49865GB006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
49865GR006	Abandoned	3033869	06-Dec-1995	2000040116	26-Apr-2000	06-Dec-2015
49865HU008	Abandoned	P9800545	06-Dec-1995	221430	16-Jan-2003	06-Dec-2015
49865IE006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
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49865IT006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
49865JP010	Abandoned	521653/96	06-Dec-1995			06-Dec-2015
49865KR011	Abandoned	704686/97	06-Dec-1995	404166	22-Oct-2003	06-Dec-2015

49865MX012	Abandoned	975283	06-Dec-1995	199785	24-Nov-2000	06-Dec-2015
49865NL006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
49865NO014	Abandoned	97/2801	06-Dec-1995	308538	25-Sep-2000	06-Dec-2015
49865NO020	Abandoned	20003198	20-Jun-2000			06-Dec-2015
49865NZ013	Abandoned	298296	06-Dec-1995	298296	09-Mar-2000	06-Dec-2015
49865PH016	Abandoned	52030	27-Dec-1995	32043	02-Jun-1999	02-Jun-2016
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49865SE006	Abandoned	95942556.2	06-Dec-1995	0802913	26-Apr-2000	06-Dec-2015
49865SK017	Abandoned	PV0872/97	06-Dec-1995	282145	07-Aug-2001	06-Dec-2015
49865US019	Issued	08/371845	12-Jan-1995	5482936	09-Jan-1996	12-Jan-2015
49865WO015	National	US95/15828	06-Dec-1995			
49865ZA018	Abandoned	96/0101	08-Jan-1996	96/0101	23-Sep-1997	08-Jan-2016
49381AT005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381AU002	Abandoned	72475/94	17-Jun-1994	681687	15-Jan-1998	17-Jun-2014
49381AU017	Abandoned	40987/97	17-Jun-1994	693747	05-Nov-1998	17-Jun-2014
49381BE005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
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49381CH005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381CZ004	Abandoned	PV105/96	17-Jun-1994	288182	08-Mar-2001	17-Jun-2014
49381CZ019	Abandoned	PV1999-4092	17-Jun-1994	291419	07-Jan-2003	17-Jun-2014
49381DE005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381DK005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381EP005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381ES005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381FR005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381GB005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381IE005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381IL006	Abandoned	110091	22-Jun-1994	110091	19-Jun-1997	22-Jun-2014
49381IL011	Abandoned	119546	22-Jun-1994	119546	05-Apr-1998	22-Jun-2014
49381IL012	Abandoned	119547	22-Jun-1994	119547	05-Apr-1998	22-Jun-2014
49381IT005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381JP007	Abandoned	504556/95	17-Jun-1994			17-Jun-2014
49381KR008	Abandoned	700156/96	17-Jun-1994	0341341	07-Jun-2002	17-Jun-2014
49381MX009	Abandoned	945383	14-Jul-1994	197890	02-Aug-2000	14-Jul-2014
49381MX018	Abandoned	997075	14-Jul-1994			14-Jul-2014
49381NL005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381SE005	Abandoned	94921970.3	17-Jun-1994	0708772	23-Aug-2000	17-Jun-2014
49381US013	Abandoned	08/092002	15-Jul-1993			
49381US014	Issued	08/303216	08-Sep-1994	5446153	29-Aug-1995	15-Jul-2013
49381US015	Issued	08/334457	04-Nov-1994	5494916	27-Feb-1996	15-Jul-2013
49381US016	Issued	08/455285	31-May-1995	5644063	01-Jul-1997	01-Jul-2014
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54913CN011	Pending	00808437.8	08-Jun-2000			08-Jun-2020
54913CN045	Issued	00808683.4	08-Jun-2000	00808683.4	05-Apr-2006	08-Jun-2020
54913CY004	Issued	00950215.4	08-Jun-2000	1187613	09-Aug-2006	08-Jun-2020
54913CY036	Issued	00938211.0	08-Jun-2000	1198233	16-Aug-2006	08-Jun-2020
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54913CZ055	Pending	PV2001-4363	08-Jun-2000			08-Jun-2020
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54913DE036	Issued	00938211.0	08-Jun-2000	60030126.5-	16-Aug-2006	08-Jun-2020
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54913DK036	Issued	00938211.0	08-Jun-2000	1198233	16-Aug-2006	08-Jun-2020
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54913EE097	Pending	P200100669	08-Jun-2000			08-Jun-2020
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54913GB004	Issued	00950215.4	08-Jun-2000	1187613	09-Aug-2006	08-Jun-2020
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54913HR096	Pending	P20010890	08-Jun-2000			
54913HU022	Published	P0202254	08-Jun-2000			
54913HU056	Published	P0201431	08-Jun-2000			
54913ID092	Pending	W-200102719	08-Jun-2000			08-Jun-2020
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54913IL013	Pending	146468	08-Jun-2000			
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54913JP048	Pending	2001-502852	08-Jun-2000			
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54913KR049	Pending	10-2001-	08-Jun-2000			08-Jun-2020
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54913SG017	Issued	200106902-0	08-Jun-2000	84784	30-Dec-2004	08-Jun-2020
54913SG051	Issued	200106900-4	08-Jun-2000	84783	31-Dec-2003	08-Jun-2020
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54913UA024	Issued	2001128447	08-Jun-2000	71967	17-Jan-2005	08-Jun-2020
54913UA058	Issued	2001128448	08-Jun-2000	73503	15-Aug-2005	08-Jun-2020
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54913US032	Issued	09/589216	07-Jun-2000	6331539	18-Dec-2001	07-Jun-2020
54913US108	Issued	10/027272	21-Dec-2001	6800624	05-Oct-2004	07-Jun-2020
54913US110	Abandoned	10/027273	21-Dec-2001			
54913US111	Issued	10/027218	21-Dec-2001	6756382	29-Jun-2004	07-Jun-2020
54913US114	Issued	10/425054	28-Apr-2003	6677349	13-Jan-2004	21-Dec-2021
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54913US118	Issued	10/826836	16-Apr-2004	7030131	18-Apr-2006	10-Jun-2019
54913US120	Rejected	10/848893	19-May-2004			

54913US123	Issued	11/101369	07-Apr-2005	7199131	03-Apr-2007	21-Dec-2021
54913US126	Abandoned	11/275699	25-Jan-2006			
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54913ZA043	Issued	2001/9857	08-Jun-2000	2001/9857	28-May-2003	08-Jun-2020
*Note: Members of 54913 "urea substituted imidazoquinolines" family excluded. Also, 54913BR006 (Alkyl						
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56202PH105	Published	2004-500711	07-Jun-2002			
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56202US113	Issued	11/200556	10-Aug-2005	7098221	29-Aug-2006	06-Dec-2021
56202WO004	National	US01/46915	06-Dec-2001			
56202WO028	National	US02/18220	07-Jun-2002			
56202WO029	National	US02/18282	07-Jun-2002			
56202WO030	National	US02/18284	07-Jun-2002			
56202ZA046	Abandoned	2003/5238	06-Dec-2001	2003/5238	24-Nov-2004	06-Dec-2021
56202ZA070	Pending	2004/5337	07-Jun-2002			
56202ZA090	Pending	2004/5334	07-Jun-2002			
56202ZA110	Pending	2004/5336	07-Jun-2002			
57072AR004	Pending	P010105728	10-Dec-2001			
57072AT014	Unfiled					
57072AU008	Issued	2002230618	06-Dec-2001	2002230618	16-Feb-2007	06-Dec-2021
57072BE014	Unfiled					

57072BR009	Abandoned	PI0116047-8	06-Dec-2001			
57072CA010	Pending	2431151	06-Dec-2001			
57072CH014	Unfiled					
57072CN011	Pending	01820168.7	06-Dec-2001			
57072CY014	Unfiled					
57072CZ012	Pending	PV2003-1562	06-Dec-2001			
57072DE014	Unfiled					
57072DK014	Unfiled					
57072EE013	Abandoned	P200300271	06-Dec-2001			
57072EP014	Published	01990852.4	06-Dec-2001			
57072ES014	Unfiled					
57072FI014	Unfiled					
57072FR014	Unfiled					
57072GB014	Unfiled					
57072GR014	Unfiled					
57072HR015	Abandoned	P20030463	06-Dec-2001			
57072HU016	Abandoned	P0400704	06-Dec-2001			
57072ID017	Pending	W-200301098	06-Dec-2001			
57072IE014	Unfiled					
57072IL018	Pending	155950	06-Dec-2001			
57072IN019	Abandoned	2003/895	06-Dec-2001			
57072IT014	Unfiled					
57072JP020	Pending	2002-547930	06-Dec-2001			
57072KR021	Abandoned	2003-7007537	06-Dec-2001			
57072LT014	Unfiled					
57072LT022	Cancelled					
57072LU014	Unfiled					
57072LV014	Unfiled					
57072LV023	Cancelled					
57072MC014	Unfiled					
57072MC024	Cancelled					
57072MX025	Issued	2003005012	06-Dec-2001	236010	19-Apr-2006	06-Dec-2021
57072MX038	Pending	2006001606	06-Dec-2001			
57072NL014	Unfiled					
57072NO026	Abandoned	20032596	06-Dec-2001			
57072NZ027	Issued	526089	06-Dec-2001	526089	10-Mar-2005	06-Dec-2021
57072PH028	Published	500462	06-Dec-2001			
57072PK005	Abandoned	1149/01	08-Dec-2001			
57072PL029	Pending	P361948	06-Dec-2001			
57072PT014	Unfiled					
57072RU030	Abandoned	2003116649	06-Dec-2001			
57072SE014	Unfiled					
57072SG031	Abandoned	200302571-5	06-Dec-2001	96811	29-Apr-2005	06-Dec-2021
57072SI014	Unfiled					
57072SI032	Cancelled					
57072SK033	Pending	PP0715-2003	06-Dec-2001			
57072TH006	Published	070254	07-Dec-2001			07-Dec-2021
57072TR014	Unfiled					
57072TW007	Pending	90130376	07-Dec-2001			
57072UA034	Abandoned	2003065276	06-Dec-2001			
57072US002	Issued	10/011921	06-Dec-2001	6664260	16-Dec-2003	06-Dec-2021
57072US036	Cancelled					

57072US037	Abandoned	10/675833	30-Sep-2003			
57072WO003	National	US01/46704	06-Dec-2001			
57072ZA035	Abandoned	2003/5270	06-Dec-2001	2003/5270	24-Nov-2004	06-Dec-2021
57070AR003	Pending	P01015726	10-Dec-2001			
57070AT014	Unfiled					
57070AU008	Issued	2002232482	06-Dec-2001	2002232482	01-Feb-2007	06-Dec-2021
57070BE014	Unfiled					
57070BR009	Abandoned	PI0116464-3	06-Dec-2001			
57070CA010	Pending	2436980	06-Dec-2001			
57070CH014	Unfiled					
57070CN011	Issued	01820167.9	06-Dec-2001	01820167.9	31-Jan-2007	06-Dec-2021
57070CY014	Unfiled					
57070CZ012	Pending	PV2003-1592	06-Dec-2001			
57070DE014	Unfiled					
57070DK014	Unfiled					
57070EE013	Abandoned	P200300268	06-Dec-2001			
57070EP014	Published	01992005.7	06-Dec-2001			
57070ES014	Unfiled					
57070FI014	Unfiled					
57070FR014	Unfiled					
57070GB014	Unfiled					
57070GR014	Unfiled					
57070HK039	Published	04107230.1	06-Dec-2001			
57070HR015	Abandoned	P20030461	06-Dec-2001			
57070HU016	Abandoned	P0600338	06-Dec-2001			
57070ID017	Pending	W-200301101	06-Dec-2001			
57070IE014	Unfiled					
57070IL018	Pending	156044	06-Dec-2001			
57070IN019	Abandoned	2003/893	06-Dec-2001			
57070IT014	Unfiled					
57070JP020	Pending	2002-547925	06-Dec-2001			
57070KR021	Abandoned	2003-7007539	06-Dec-2001			
57070LT014	Unfiled					
57070LT022	Cancelled					
57070LU014	Unfiled					
57070LV014	Unfiled					
57070LV023	Cancelled					
57070MC014	Unfiled					
57070MC024	Cancelled					
57070MX025	Issued	2003004972	06-Dec-2001	241246	19-Oct-2006	06-Dec-2021
57070MX041	Pending	2006001574	06-Dec-2001			
57070NL014	Unfiled					
57070NO026	Abandoned	20032451	06-Dec-2001			
57070NZ027	Issued	526106	06-Dec-2001	526106	10-Mar-2005	06-Dec-2021
57070PH028	Abandoned	500495	06-Dec-2001			
57070PK004	Abandoned	1146/01	08-Dec-2001			
57070PL029	Pending	P365995	06-Dec-2001			
57070PT014	Unfiled					
57070RU030	Abandoned	2003116123	06-Dec-2001			
57070SE014	Unfiled					
57070SG031	Abandoned	200302690-3	06-Dec-2001	96870	31-Aug-2005	06-Dec-2021

57070SI014	Unfiled					
57070SI032	Cancelled					
57070SK033	Pending	PP0713-2003	06-Dec-2001			
57070TH005	Published	070252	07-Dec-2001			07-Dec-2021
57070TR014	Unfiled					
57070TW006	Abandoned	90130402	07-Dec-2001	I222972	01-Nov-2004	07-Dec-2021
57070UA034	Abandoned	2003065278	06-Dec-2001			
57070US002	Issued	10/011670	06-Dec-2001	6660747	09-Dec-2003	06-Dec-2021
57070US036	Issued	10/165449	07-Jun-2002	6664265	16-Dec-2003	08-Dec-2020
57070US037	Abandoned	10/681457	07-Oct-2003			
57070US038	Abandoned	10/681711	07-Oct-2003			
57070US040	Issued	11/068207	28-Feb-2005	7115622	03-Oct-2006	08-Dec-2020
57070WO007	National	US01/46359	06-Dec-2001			
57070ZA035	Abandoned	2003/5271	06-Dec-2001	2003/5271	29-Dec-2004	06-Dec-2021
57069AR003	Pending	P010105730	10-Dec-2001			
57069AT014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069AU008	Issued	2002239517	06-Dec-2001	2002239517	16-Feb-2007	06-Dec-2021
57069BE014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069BR009	Pending	PI0116032-0	06-Dec-2001			
57069CA010	Pending	2436983	06-Dec-2001			
57069CH014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069CN011	Issued	01820159.8	06-Dec-2001	01820159.8	29-Mar-2006	06-Dec-2021
57069CY014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069CZ012	Pending	PV2003-1563	06-Dec-2001			
57069DE014	Issued	01987283.7	06-Dec-2001	60126645.5-	14-Feb-2007	06-Dec-2021
57069DK014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069EE013	Pending	P200300274	06-Dec-2001			
57069EP014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069ES014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069FI014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069FR014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069GB014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069GR014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069HK040	Issued	04108904.4	06-Dec-2001	1066005	25-Aug-2006	06-Dec-2021
57069HR015	Pending	P20030464	06-Dec-2001			
57069HU016	Published	P0600600	06-Dec-2001			
57069ID017	Pending	W-200301103	06-Dec-2001			
57069IE014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069IL018	Pending	155884	06-Dec-2001			
57069IN019	Abandoned	2003/892	06-Dec-2001			
57069IT014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069JP020	Pending	2002-547927	06-Dec-2001			
57069KR021	Abandoned	2003-7007532	06-Dec-2001			
57069LT014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069LT022	Cancelled					
57069LU014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069LV014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069LV023	Cancelled					
57069MC014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069MC024	Cancelled					
57069MX025	Issued	2003005011	06-Dec-2001	236009	19-Apr-2006	06-Dec-2021

57069NL014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069NO026	Pending	20032473	06-Dec-2001			
57069NZ027	Issued	526086	06-Dec-2001	526086	09-Mar-2006	06-Dec-2021
57069PH028	Published	1-2003-500488	06-Dec-2001			
57069PK004	Abandoned	1145/01	08-Dec-2001			
57069PL029	Pending	P365907	06-Dec-2001			
57069PT014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069RU030	Abandoned	2003116063	06-Dec-2001			
57069SE014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069SG031	Issued	200303204-2	06-Dec-2001	97448	31-Oct-2005	06-Dec-2021
57069SI014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069SI032	Cancelled					
57069SK033	Pending	PP 0711-2003	06-Dec-2001			
57069TH005	Pending	070251	07-Dec-2001			07-Dec-2021
57069TR014	Issued	01987283.7	06-Dec-2001	1341790	14-Feb-2007	06-Dec-2021
57069TW006	Pending	90130404	07-Dec-2001			
57069UA034	Abandoned	2003065273	06-Dec-2001			
57069US002	Issued	10/012599	06-Dec-2001	6683088	27-Jan-2004	06-Dec-2021
57069US036	Cancelled					
57069US037	Issued	10/165443	07-Jun-2002	6677347	13-Jan-2004	06-Dec-2021
57069US038	Abandoned	10/696476	29-Oct-2003			
57069US039	Abandoned	10/696478	29-Oct-2003			
57069US041	Issued	11/069033	28-Feb-2005	7132429	07-Nov-2006	08-Dec-2020
57069US042	Published	11/069035	28-Feb-2005			
57069WO007	National	US01/46582	06-Dec-2001			
57069ZA035	Issued	2003/5273	06-Dec-2001	2003/5273	29-Dec-2004	06-Dec-2021
57068AR004	Pending	P010105729	10-Dec-2001			
57068AT013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068AU007	Issued	2002232497	06-Dec-2001	2002232497	16-Feb-2007	06-Dec-2021
57068BE013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068BR008	Abandoned	PI0116470-8	06-Dec-2001			
57068CA009	Pending	2436984	06-Dec-2001			
57068CH013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068CN010	Issued	01819907.0	06-Dec-2001	01819907.0	19-Apr-2006	06-Dec-2021
57068CY013	Cancelled					
57068CZ011	Pending	PV2003-1561	06-Dec-2001			
57068DE013	Issued	01992018.0	06-Dec-2001	60117859.9	08-Mar-2006	06-Dec-2021
57068DK013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068EE012	Abandoned	P200300272	06-Dec-2001			
57068EP013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068ES013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068FI013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068FR013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068GB013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068GR013	Issued	3057918	06-Dec-2001	2006040198	08-Mar-2006	06-Dec-2021
57068HK039	Issued	05100647.2	06-Dec-2001	1069166	24-Nov-2006	06-Dec-2021
57068HR014	Abandoned	P20030466	06-Dec-2001			
57068HU015	Published	P0600605	06-Dec-2001			
57068ID016	Pending	W-200301102	06-Dec-2001			
57068IE013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068IL017	Pending	155903	06-Dec-2001			

57068IN018	Abandoned	2003/891	06-Dec-2001			
57068IT013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068JP019	Pending	2002-547928	06-Dec-2001			
57068KR020	Abandoned	2003-7007535	06-Dec-2001			
57068LT013	Cancelled					
57068LT021	Cancelled					
57068LU013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068LV013	Cancelled					
57068LV022	Cancelled					
57068MC013	Cancelled					
57068MC023	Cancelled					
57068MX024	Issued	2003004974	06-Dec-2001	236008	19-Apr-2006	06-Dec-2021
57068NL013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068NO025	Abandoned	20032449	06-Dec-2001			
57068NZ026	Issued	526088	06-Dec-2001	526088	07-Apr-2005	06-Dec-2021
57068PH027	Abandoned	1-2003-500486	06-Dec-2001			
57068PK035	Abandoned	1148/01	08-Dec-2001			
57068PL028	Pending	P365883	06-Dec-2001			
57068PT013	Cancelled					
57068RU029	Pending	2003116060	06-Dec-2001			
57068SE013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068SG030	Abandoned	200303080-6	06-Dec-2001	97381	29-Apr-2005	06-Dec-2021
57068SI013	Cancelled					
57068SI031	Cancelled					
57068SK032	Pending	PP0712-2003	06-Dec-2001			
57068TH005	Published	070250	07-Dec-2001			07-Dec-2021
57068TR013	Issued	01992018.0	06-Dec-2001	1343784	08-Mar-2006	06-Dec-2021
57068TW006	Pending	90130403	07-Dec-2001			
57068UA033	Issued	2003065275	06-Dec-2001	74852	15-Feb-2006	06-Dec-2021
57068US002	Issued	10/013060	06-Dec-2001	6656938	02-Dec-2003	06-Dec-2021
57068US036	Issued	10/164816	07-Jun-2002	6660735	09-Dec-2003	06-Dec-2021
57068US037	Issued	10/680989	07-Oct-2003	7049439	23-May-2006	02-Jul-2021
57068US038	Issued	10/681814	07-Oct-2003	7078523	18-Jul-2006	02-Jul-2021
57068US040	Issued	11/132546	19-May-2005	7214675	08-May-2007	08-Dec-2020
57068US041	Abandoned	11/132900	19-May-2005			
57068WO003	National	US01/46696	06-Dec-2001			
57068ZA034	Abandoned	2003/5272	06-Dec-2001	2003/5272	26-Jan-2005	06-Dec-2021
57071AR003	Pending	P010105731	10-Dec-2001			
57071AT014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071AU008	Issued	2002239530	06-Dec-2001	2002239530	11-Jan-2007	06-Dec-2021
57071AU042	Pending	2002315009	07-Jun-2002			
57071BE014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071BR009	Abandoned	PI0116026-5	06-Dec-2001			
57071BR043	Pending	PI0214750-5	07-Jun-2002			
57071CA010	Pending	2436846	06-Dec-2001			
57071CA044	Pending	2468517	07-Jun-2002			
57071CH014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071CN011	Issued	01820161.X	06-Dec-2001	01820161.X	26-Apr-2006	06-Dec-2021
57071CN045	Issued	02824375.7	07-Jun-2002	02824375.7	11-Jan-2006	07-Jun-2022
57071CY014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071CZ012	Abandoned	PV2003-1560	06-Dec-2001	295848	14-Sep-2005	06-Dec-2021

57071DE014	Issued	01987297.7	06-Dec-2001	60111076.5	25-May-2005	06-Dec-2021
57071DK014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071EE013	Abandoned	P200300275	06-Dec-2001			
57071EP014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071EP046	Published	02741942.3	07-Jun-2002			
57071EP063	Published	05004019.5	06-Dec-2001			
57071ES014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071FI014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071FR014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071GB014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071GR014	Issued	3054640	06-Dec-2001	2005040261	25-May-2005	06-Dec-2021
57071HK062	Published	04109207.6	07-Jun-2002			
57071HK066	Published	05105556.0	06-Dec-2001			
57071HR015	Abandoned	P20030467	06-Dec-2001			
57071HR047	Pending	P20040505	07-Jun-2002			
57071HU016	Abandoned	P0400710	06-Dec-2001			
57071ID017	Pending	W-200301097	06-Dec-2001			
57071ID048	Pending	W-200401161	07-Jun-2002			
57071IE014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071IL018	Pending	155904	06-Dec-2001			
57071IL049	Pending	162054	07-Jun-2002			
57071IN019	Pending	2003/894	06-Dec-2001			
57071IN050	Pending	2004/1237	07-Jun-2002			
57071IT014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071JP020	Pending	2002-547929	06-Dec-2001			
57071JP051	Published	2003-551145	07-Jun-2002			
57071KR021	Pending	2003-7007534	06-Dec-2001			
57071KR052	Pending	2004-7008616	07-Jun-2002			
57071LT014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071LT022	Cancelled					
57071LU014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071LV014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071LV023	Cancelled					
57071MC014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071MC024	Cancelled					
57071MX025	Issued	2003004975	06-Dec-2001	242998	08-Jan-2007	06-Dec-2021
57071MX053	Pending	2004005362	07-Jun-2002			
57071NL014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071NO026	Abandoned	20032595	06-Dec-2001			
57071NO054	Pending	20042356	07-Jun-2002			
57071NZ027	Issued	526087	06-Dec-2001	526087	10-Mar-2005	06-Dec-2021
57071NZ055	Issued	533038	07-Jun-2002	533038	06-Apr-2006	07-Jun-2022
57071PH028	Published	1-2003-500496	06-Dec-2001			
57071PH056	Published	1-2004-500762	07-Jun-2002			
57071PK004	Abandoned	1147/01	08-Dec-2001			
57071PL029	Pending	P366330	06-Dec-2001			
57071PL057	Pending	P370661	07-Jun-2002			
57071PT014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071RU030	Pending	2003116061	06-Dec-2001			
57071RU058	Pending	2004117160	07-Jun-2002			
57071SE014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071SG031	Abandoned	200302886-7	06-Dec-2001	96923	29-Apr-2005	06-Dec-2021

57071SG059	Issued	200402900-5	07-Jun-2002	104605	31-May-2006	07-Jun-2022
57071SI014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071SI032	Cancelled					
57071SK033	Pending	PP0710-2003	06-Dec-2001			
57071TH005	Published	070253	07-Dec-2001			07-Dec-2021
57071TR014	Issued	01987297.7	06-Dec-2001	1341791	25-May-2005	06-Dec-2021
57071TW006	Issued	90130401	07-Dec-2001	NI-200104	05-Aug-2004	07-Dec-2021
57071UA034	Abandoned	2003065274	06-Dec-2001			
57071UA060	Abandoned	20040604338	07-Jun-2002			
57071US002	Issued	10/013059	06-Dec-2001	6664264	16-Dec-2003	06-Dec-2021
57071US036	Cancelled					
57071US037	Issued	10/165222	07-Jun-2002	6667312	23-Dec-2003	06-Dec-2021
57071US039	Cancelled					
57071US040	Issued	10/696684	29-Oct-2003	6921826	26-Jul-2005	06-Dec-2021
57071US041	Issued	10/696477	29-Oct-2003	6949649	27-Sep-2005	08-Dec-2020
57071US064	Allowed	11/132537	19-May-2005			
57071US065	Published	11/133425	19-May-2005			
57071WO007	National	US01/46697	06-Dec-2001			
57071WO038	National	US02/18290	07-Jun-2002			
57071ZA035	Abandoned	2003/5274	06-Dec-2001	2003/5274	29-Dec-2004	06-Dec-2021
57071ZA061	Issued	2004/5338	07-Jun-2002	2004/5338	28-Sep-2005	07-Jun-2022
57822AR004	Cancelled					
57822AU012	Abandoned	2003237386	06-Jun-2003			
57822BR013	Pending	PI0311648-4	06-Jun-2003			
57822CA014	Pending	2488801	06-Jun-2003			
57822CN015	Published	03818678.0	06-Jun-2003			
57822EP016	Published	03736844.6	06-Jun-2003			
57822HK005	Published	05103440.5	06-Jun-2003			
57822IL017	Pending	165604	06-Jun-2003			
57822IN018	Pending	2004/2763	06-Jun-2003			
57822JP019	Published	2004-510705	06-Jun-2003			
57822KR020	Pending	2004-7019923	06-Jun-2003			
57822MX021	Pending	2004012189	06-Jun-2003			
57822MY006	Cancelled					
57822NO022	Pending	20045445	06-Jun-2003			
57822NZ023	Issued	537054	06-Jun-2003	537054	08-Feb-2007	06-Jun-2023
57822PH024	Published	502007	06-Jun-2003			
57822PK007	Cancelled					
57822SG025	Abandoned	200407181-7	06-Jun-2003			
57822TH008	Cancelled					
57822TW009	Cancelled					
57822US002	Expired	60/387268	07-Jun-2002			
57822US010	Issued	10/456308	06-Jun-2003	6797718	28-Sep-2004	
57822US011	Issued	10/916125	11-Aug-2004	7125890	24-Oct-2006	07-Jun-2022
57822US027	Issued	11/459489	24-Jul-2006	7220758	22-May-2007	07-Jun-2022
57822WO003	National	US03/17659	06-Jun-2003			
57822ZA026	Issued	2005/0135	06-Jun-2003	2005/0135	28-Jun-2006	06-Jun-2023
58044AR004	Cancelled					
58044EP012	Published	03756870.6	25-Sep-2003			
58044HK005	Cancelled					

58044JP013	Published	2004-539956	25-Sep-2003			
58044MY006	Cancelled					
58044PK007	Cancelled					
58044TH008	Cancelled					
58044TW009	Cancelled					
58044US002	Expired	60/413848	26-Sep-2002			
58044US010	Issued	10/670957	25-Sep-2003	6818650	16-Nov-2004	25-Sep-2023
58044US011	Issued	10/912908	06-Aug-2004	7112677	26-Sep-2006	24-Oct-2022
58044WO003	National	US03/30372	25-Sep-2003			
58297AR004	Abandoned	P030104757	19-Dec-2003			
58297AU011	Abandoned	2003301052	18-Dec-2003			
58297CA012	Pending	2510375	18-Dec-2003			
58297CN013	Published	80109659.0	18-Dec-2003			
58297EP014	Published	03814164.4	18-Dec-2003			
58297HK005	Published	06105060.8	18-Dec-2003			
58297IL015	Pending	169199	18-Dec-2003			
58297IN016	Pending	2005/1348	18-Dec-2003			
58297JP017	Abandoned	2004-563764	18-Dec-2003			
58297MX018	Pending	2005006740	18-Dec-2003			
58297MY006	Abandoned	PI20034933	19-Dec-2003			
58297NZ019	Pending	540826	18-Dec-2003			
58297PH020	Published	501187	18-Dec-2003			
58297SG021	Pending	200503899-7	18-Dec-2003			
58297TH007	Published	087540	19-Dec-2003			
58297TW008	Abandoned	092136168	19-Dec-2003			
58297US002	Expired	60/435889	20-Dec-2002			
58297US009	Expired	60/516331	31-Oct-2003			31-Oct-2004
58297US010	Issued	10/739787	18-Dec-2003	7091214	15-Aug-2006	
58297US023	Published	11/275553	13-Jan-2006			
58297WO003	National	US03/40373	18-Dec-2003			
58297ZA022	Pending	2005/05787	18-Dec-2003			
58300AR004	Abandoned	P040100734	08-Mar-2004			
58300AU014	Pending	2004220534	05-Mar-2004			
58300BR015	Abandoned	PI0408125-0	05-Mar-2004			
58300CA016	Pending	2517655	05-Mar-2004			
58300CN017	Published	80012363.1	05-Mar-2004			
58300EP013	Cancelled	04783112.8	03-Sep-2004			
58300EP018	Published	04718100.3	05-Mar-2004			
58300HK005	Published	06106927.9	05-Mar-2004			
58300IL028	Pending	170571	05-Mar-2004			
58300IN019	Pending	2005/2160	05-Mar-2004			
58300IS020	Cancelled					
58300JP021	Abandoned	2006-509200	05-Mar-2004			
58300KR022	Pending	2005-7016637	05-Mar-2004			
58300MX023	Pending	2005009488	05-Mar-2004			
58300MY006	Pending	PI040779	05-Mar-2004			
58300NZ024	Pending	542216	05-Mar-2005			
58300PH025	Published	501608	05-Mar-2004			
58300SG026	Pending	200505643-7	05-Mar-2004			
58300TH007	Published	089159	03-Mar-2004			

58300TW008	Abandoned	093105897	05-Mar-2004			
58300US002	Expired	60/453128	07-Mar-2003			07-Mar-2004
58300US009	Expired	60/532191	23-Dec-2003			23-Dec-2004
58300US010	Abandoned	10/794099	05-Mar-2004			
58300US011	Issued	10/933658	03-Sep-2004	7163947	16-Jan-2007	11-Jun-2023
58300WO003	National	US04/06867	05-Mar-2004			
58300WO012	Abandoned	US04/028754	03-Sep-2004			
58300ZA027	Abandoned	2005/08087	05-Mar-2004			
58883AR003	Published	P040102889	12-Aug-2004			
58883AU010	Pending	2004266641	12-Aug-2004			
58883BR011	Pending	PI0412902-4	12-Aug-2004			
58883CA012	Pending	2535117	12-Aug-2004			
58883CN013	Pending	80023366.5	12-Aug-2004			
58883EP014	Published	04780839.9	12-Aug-2004			
58883IN015	Pending	2006/516	12-Aug-2004			
58883JP016	Published	2006-523340	12-Aug-2004			
58883MX017	Pending	2006001669	12-Aug-2004			
58883MY004	Pending	PI20043295	12-Aug-2004			
58883PK005	Cancelled					
58883TH006	Pending	092956	11-Aug-2004			
58883TW007	Pending	093124271	12-Aug-2004			
58883US002	Expired	60/494608	12-Aug-2003			12-Aug-2004
58883US009	Published	10/595065	12-Aug-2004			
58883WO008	National	US04/26065	12-Aug-2004			
58884AR003	Published	P040102890	12-Aug-2004			
58884AU010	Pending	2004266658	12-Aug-2004			
58884BR011	Pending	PI0413558-0	12-Aug-2004			
58884CA012	Pending	2535120	12-Aug-2004			
58884CN013	Published	80023051.0	12-Aug-2004			
58884EP014	Published	04780922.3	12-Aug-2004			
58884IN015	Pending	2006/510	12-Aug-2004			
58884JP016	Published	2006-523371	12-Aug-2004			
58884MX017	Pending	2006001674	12-Aug-2004			
58884MY004	Pending	PI20043296	12-Aug-2004			
58884PK005	Cancelled					
58884TH006	Published	092957	11-Aug-2004			
58884TW007	Pending	093124272	12-Aug-2004			
58884US002	Expired	60/494605	12-Aug-2003			12-Aug-2004
58884US009	Pending	10/595058	12-Aug-2004			
58884WO008	National	US04/26158	12-Aug-2004			
58914AR003	Published	P040103100	27-Aug-2004			
58914AU012	Pending	2004268625	27-Aug-2004			
58914BR013	Pending	PI0413998-4	27-Aug-2004			
58914CA014	Pending	2536136	27-Aug-2004			
58914CN015	Published	80024428.4	27-Aug-2004			
58914EP016	Published	04782492.5	27-Aug-2004			
58914HK004	Published	06111679.9	27-Aug-2004			
58914IL017	Pending	173728	27-Aug-2004			
58914IN018	Pending	2006/651	27-Aug-2004			

58914JP019	Published	2006-524906	27-Aug-2004			
58914KR020	Pending	2006-7003863	27-Aug-2004			
58914MX021	Pending	2006002199	27-Aug-2004			
58914MY005	Pending	PI20043526	27-Aug-2004			
58914NZ022	Pending	545412	27-Aug-2004			
58914PH023	Published	1-2006-500401	27-Aug-2004			
58914PK006	Cancelled					
58914RU024	Pending	2006105101	27-Aug-2004			
58914SG025	Pending	200601122-5	27-Aug-2004			
58914TH007	Cancelled					
58914TW008	Cancelled					
58914US002	Expired	60/498270	27-Aug-2003			27-Aug-2004
58914US010	Expired	60/581254	18-Jun-2004			18-Jun-2005
58914US011	Pending	10/595103	27-Aug-2004			27-Aug-2023
58914WO009	National	US04/28021	27-Aug-2004			
58914ZA026	Pending	2006/02443	27-Aug-2004			
58915AR003	Published	P040103584	01-Oct-2004			
58915AU008	Pending	2004278014	01-Oct-2004			
58915BR009	Pending	PI0414856-8	01-Oct-2004			
58915CA010	Pending	2540541	01-Oct-2004			
58915CN011	Published	200480036217.2	01-Oct-2004			
58915EP012	Published	04794092.9	01-Oct-2004			
58915HK004	Published	06113918.0	01-Oct-2004			
58915IL013	Pending	174654	01-Oct-2004			
58915IN014	Pending	2006/1139	01-Oct-2004			
58915JP015	Published	2006-534221	01-Oct-2004			
58915KR016	Pending	2006-7008497	01-Oct-2004			
58915MX017	Pending	2006003705	01-Oct-2004			
58915MY005	Pending	PI20044047	01-Oct-2004			
58915NZ018	Pending	546273	01-Oct-2004			
58915PH022	Published	1-2006-500657	01-Oct-2004			
58915RU019	Pending	2006110186	01-Oct-2004			
58915SG020	Pending	200602092-9	01-Oct-2004			
58915US002	Expired	60/508634	03-Oct-2003			03-Oct-2004
58915US007	Published	10/595230	01-Oct-2004			03-Oct-2023
58915WO006	National	US04/32616	01-Oct-2004			
58915ZA021	Pending	2006/03474	01-Oct-2004			
59050AR005	Published	P040103583	01-Oct-2004			
59050AR016	Pending	P060101303	31-Mar-2006			
59050AU022	Pending	2004315876	01-Oct-2004			
59050BR023	Pending	PI0414867-3	01-Oct-2004			
59050CA024	Pending	2540598	01-Oct-2004			
59050CN025	Published	80035758.3	01-Oct-2004			
59050EP012	Published	04821468.8	01-Oct-2004			
59050EP021	Unfiled					
59050HK006	Unfiled					
59050IL026	Pending	174647	01-Oct-2004			
59050IN027	Pending	2006/1137	01-Oct-2004			
59050JP028	Published	2006-534174	01-Oct-2004			
59050KR029	Pending	2006-7008540	01-Oct-2004			

59050MX030	Pending	2006003706	01-Oct-2004			
59050MY007	Pending	PI20044029	01-Oct-2004			
59050MY017	Pending	PI20061473	31-Mar-2006			
59050NZ031	Pending	546274	01-Oct-2004			
59050PH035	Published	1-2006-500647	01-Oct-2004			
59050PK008	Cancelled					
59050RU032	Pending	2006109566	01-Oct-2004			
59050SG033	Pending	200601957-4	01-Oct-2004			
59050TH009	Pending	094268	01-Oct-2004			
59050TH018	Pending	0601001482	31-Mar-2006			
59050TW010	Pending	093129933	01-Oct-2004			
59050TW019	Pending	095111701	31-Mar-2006			
59050US002	Expired	60/508352	03-Oct-2003			03-Oct-2004
59050US003	Expired	60/554680	19-Mar-2004			19-Mar-2005
59050US004	Expired	60/603303	20-Aug-2004			20-Aug-2005
59050US013	Cancelled					03-Oct-2023
59050US015	Published	11/097715	01-Apr-2005			
59050WO011	National	US04/32480	01-Oct-2004			
59050WO014	Cancelled					
59050WO020	Published	US2006/011953	31-Mar-2006			
59050ZA034	Pending	2006/03473	01-Oct-2004			
59104AU006	Pending	2004291122	12-Nov-2004			
59104BR007	Cancelled					
59104CA008	Pending	2545825	12-Nov-2004			
59104CN009	Published	80040435.3	12-Nov-2004			
59104EP004	Published	04810969.8	12-Nov-2004			
59104IL010	Cancelled					
59104IN011	Pending	2006/1680	12-Nov-2004			
59104JP012	Pending	2006-539957	12-Nov-2004			
59104KR013	Cancelled					
59104MX014	Cancelled					
59104NZ015	Cancelled					
59104PH019	Cancelled					
59104RU016	Cancelled					
59104SG017	Cancelled					
59104US002	Expired	60/520215	14-Nov-2003			14-Nov-2004
59104US005	Pending	10/595790	12-Nov-2004			14-Nov-2023
59104WO003	National	US04/38033	12-Nov-2004			
59104ZA018	Cancelled					
59105AR003	Cancelled					
59105AU009	Pending	2004291101	12-Nov-2004			
59105BR010	Cancelled					
59105CA011	Pending	2545774	12-Nov-2004			
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59105EP007	Published	04810872.4	12-Nov-2004			
59105HK004	Published	06114242.1	12-Nov-2004			
59105IL013	Cancelled					
59105IN014	Pending	2006/1669	12-Nov-2004			
59105JP015	Pending	2006-539911	12-Nov-2004			
59105KR016	Cancelled					

59105MX017	Cancelled					
59105MY005	Cancelled					
59105NZ018	Cancelled					
59105PH022	Cancelled					
59105RU019	Cancelled					
59105SG020	Cancelled					
59105US002	Expired	60/520418	14-Nov-2003			14-Nov-2004
59105US008	Pending	10/595792	12-Nov-2004			14-Nov-2023
59105WO006	National	US04/37854	12-Nov-2004			
59105ZA021	Cancelled					
58869AR005	Published	P040102247	25-Jun-2004			
58869AR009	Abandoned	P040102248	25-Jun-2004			
58869AU013	Pending	2004253929	25-Jun-2004			
58869BR014	Pending	PI0411916-9	25-Jun-2004			
58869CA015	Pending	2529322	25-Jun-2004			
58869CN016	Published	80018145.9	25-Jun-2004			
58869EP017	Published	04756208.7	25-Jun-2004			
58869IL018	Pending	172427	25-Jun-2004			
58869IN019	Pending	2005/3539	25-Jun-2004			
58869JP020	Pending	2006-517711	25-Jun-2004			
58869KR021	Pending	2005-7024904	25-Jun-2004			
58869MX022	Pending	2006000144	25-Jun-2004			
58869MY006	Pending	PI20042461	24-Jun-2004			
58869MY010	Abandoned	PI20042462	24-Jun-2004			
58869NZ023	Pending	544330	25-Jun-2004			
58869PH024	Published	2005-502306	25-Jun-2004			
58869RU025	Pending	2005138915	25-Jun-2004			
58869SG026	Pending	200508235-9	25-Jun-2004			
58869TH007	Published	091874	25-Jun-2004			
58869TH011	Abandoned	091875	25-Jun-2004			
58869TW008	Pending	093118635	25-Jun-2004			
58869TW012	Abandoned	093118636	25-Jun-2004			
58869US003	Expired	60/483200	27-Jun-2003			27-Jun-2004
58869WO002	National	US04/20607	25-Jun-2004			
58869WO004	Abandoned	US04/20606	25-Jun-2004			
58869ZA027	Pending	2006/00769	25-Jun-2004			
58885AR004	Published	P040104350	24-Nov-2004			
58885AU008	Pending	2004293078	24-Nov-2004			
58885BR009	Pending	PI0416936-0	24-Nov-2004			
58885CA010	Pending	2547020	24-Nov-2004			
58885CN011	Published	200480040954.	24-Nov-2004			
58885EP012	Published	04812098.4	24-Nov-2004			
58885IL013	Pending	175915	24-Nov-2004			
58885IN014	Pending	2006/1848	24-Nov-2004			
58885JP015	Pending	2006-541697	24-Nov-2004			
58885KR016	Pending	2006-7012734	24-Nov-2004			
58885MX017	Pending	2006005910	24-Nov-2004			
58885MY005	Pending	PI20044861	24-Nov-2004			
58885NZ018	Pending	547467	24-Nov-2004			
58885PH022	Published	1-2006-501038	24-Nov-2004			

58885RU019	Pending	2006118033	24-Nov-2004			
58885SG020	Pending	200603457-3	24-Nov-2004			
58885US002	Expired	60/524961	25-Nov-2003			25-Nov-2004
58885US003	Expired	60/580139	16-Jun-2004			16-Jun-2005
58885US007	Published	10/595959	24-Nov-2004			25-Nov-2023
58885WO006	National	US04/39512	24-Nov-2004			
58885ZA021	Pending	2006/05216	24-Nov-2004			
59368AR003	Published	P040104518	03-Dec-2004			
59368AU011	Pending	2004315771	03-Dec-2004			
59368BR012	Cancelled					
59368CA013	Pending	2549216	03-Dec-2004			
59368CN014	Published	200480041400.1	03-Dec-2004			
59368EP009	Published	04821353.2	03-Dec-2004			
59368HK004	Pending	07100928.0	03-Dec-2004			
59368IL015	Cancelled					
59368IN016	Pending	2006/1966	03-Dec-2004			
59368JP017	Pending	2006-542750	03-Dec-2004			
59368KR018	Cancelled					
59368MX019	Cancelled					
59368MY005	Pending	PI20045032	03-Dec-2004			
59368NZ020	Cancelled					
59368RU021	Cancelled					
59368SG022	Cancelled					
59368TH006	Pending	095881	03-Dec-2004			
59368TW007	Pending	093137541	03-Dec-2004			
59368US002	Expired	60/526772	04-Dec-2003			04-Dec-2004
59368US010	Pending	10/596117	03-Dec-2004			04-Dec-2023
59368WO008	National	US04/40383	03-Dec-2004			
59368ZA023	Cancelled					
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59407AU013	Pending	2004312510	22-Dec-2004			
59407BA009	Cancelled					
59407CA015	Pending	2552101	22-Dec-2004			
59407CN016	Published	200480042200.8	22-Dec-2004			
59407EP009	Abandoned	04815538.6	22-Dec-2004			
59407HK004	Abandoned					
59407HR009	Cancelled					
59407IN018	Pending	2006/2371	22-Dec-2004			
59407JP019	Pending	2006-547424	22-Dec-2004			
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59407LV009	Cancelled					
59407MK009	Cancelled					
59407MY005	Cancelled					
59407PK011	Cancelled					
59407TH006	Cancelled					
59407TW007	Cancelled					
59407US002	Expired	60/533024	29-Dec-2003			29-Dec-2004
59407US010	Pending	10/596895	22-Dec-2004			29-Dec-2023
59407WO008	National	US04/43474	22-Dec-2004			

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59136BA009	Unfiled					
59136EP009	Published	04814705.2	17-Dec-2004			
59136HK004	Cancelled					
59136HR009	Unfiled					
59136JP015	Pending	2006-547179	17-Dec-2004			
59136LT009	Unfiled					
59136LV009	Unfiled					
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59136MY005	Cancelled					
59136PK011	Cancelled					
59136TH006	Cancelled					
59136TW007	Cancelled					
59136US002	Expired	60/532982	29-Dec-2003			29-Dec-2004
59136US010	Pending	10/596890	17-Dec-2004			29-Dec-2023
59136WO008	National	US04/42556	17-Dec-2004			
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59447AU012	Pending	2004312508	23-Dec-2004			
59447BA009	Unfiled					
59447CA014	Pending	2551399	23-Dec-2004			
59447CN015	Pending	200480042087.3	23-Dec-2004			
59447EP009	Published	04815514.7	23-Dec-2004			
59447HK006	Unfiled					
59447HR009	Unfiled					
59447IN017	Pending	2006/2383	23-Dec-2004			
59447JP018	Pending	2006-547410	23-Dec-2004			
59447LT009	Unfiled					
59447LV009	Unfiled					
59447MK009	Unfiled					
59447MY007	Cancelled					
59447US002	Expired	60/533465	30-Dec-2003			30-Dec-2004
59447US003	Expired	60/555936	24-Mar-2004			24-Mar-2005
59447US004	Expired	60/581335	18-Jun-2004			18-Jun-2005
59447US010	Pending	10/596897	23-Dec-2004			30-Dec-2023
59447WO008	National	US04/43447	23-Dec-2004			
59447YU009	Unfiled					
59527AR004	Published	P050101195	28-Mar-2005			
59527AU013	Pending	2005228150	24-Mar-2005			
59527CA014	Pending	2559863	24-Mar-2005			
59527CN015	Abandoned					
59527EP010	Published	05731309.0	24-Mar-2005			
59527HK012	Unfiled					
59527IN016	Pending		24-Mar-2005			
59527JP017	Pending	2007-505186	24-Mar-2005			
59527MY005	Pending	PI20051301	24-Mar-2005			

59527PK006	Cancelled					
59527TH007	Published	098987	24-Mar-2005			
59527TW008	Pending	094109183	24-Mar-2005			
59527US002	Expired	60/555753	24-Mar-2004			24-Mar-2005
59527US003	Expired	60/578769	10-Jun-2004			10-Jun-2005
59527US011	Pending	10/599159	24-Mar-2005			24-Mar-2024
59527WO009	National	US2005/009880	24-Mar-2005			
59717AR003	Cancelled					
59717EP008	Abandoned	05763146.7	14-Jun-2005			
59717HK010	Cancelled					
59717MY004	Cancelled					
59717TH005	Cancelled					
59717TW006	Cancelled					
59717US002	Expired	60/579352	14-Jun-2004			14-Jun-2005
59717US009	Pending	11/570567	14-Jun-2005			14-Jun-2024
59717WO007	National	US2005/020895	14-Jun-2005			
59783AR003	Cancelled					
59783EP009	Abandoned	05790268.6	15-Jun-2005			
59783HK004	Cancelled					
59783MY005	Cancelled					
59783TH006	Cancelled					
59783TW007	Cancelled					
59783US002	Expired	60/579829	15-Jun-2004			15-Jun-2005
59783US010	Pending	11/570611	15-Jun-2005			15-Jun-2024
59783WO008	National	US2005/020912	15-Jun-2005			
59787AR003	Cancelled					
59787AU008	Pending	2004293096	24-Nov-2004			
59787BR009	Cancelled					
59787CA010	Pending	2547085	24-Nov-2004			
59787CN011	Published	80040953.5	24-Nov-2004			
59787EP006	Published	04812235.2	24-Nov-2004			
59787IN012	Pending	2006/1847	24-Nov-2004			
59787JP013	Pending	2006-541442	24-Nov-2004			
59787MX014	Cancelled					
59787MY004	Cancelled					
59787US002	Expired	60/581293	18-Jun-2004			18-Jun-2005
59787US007	Pending	10/595895	24-Nov-2004			18-Jun-2024
59787WO005	National	US04/39673	24-Nov-2004			
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59835HK010	Cancelled					
59835MY004	Cancelled					
59835TH005	Cancelled					
59835TW006	Cancelled					
59835US002	Expired	60/581205	18-Jun-2004			18-Jun-2005
59835US009	Pending	11/570709	17-Jun-2005			18-Jun-2024
59835WO007	National	US2005/021334	17-Jun-2005			

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59834TW006	Cancelled					
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59830HK010	Cancelled					
59830MY004	Cancelled					
59830TH005	Cancelled					
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59830US009	Pending	11/570715	17-Jun-2005			18-Jun-2024
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60098MY004	Cancelled					
60098TH005	Cancelled					
60098TW006	Cancelled					
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60577MY004	Cancelled					
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60701US009	Pending	11/570716	17-Jun-2005			25-Mar-2025
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60699MY004	Cancelled					
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60748TH005	Cancelled					
60748TW006	Cancelled					
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60748WO007	Published	US2006/012031	31-Mar-2006			
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61919US005	Unfiled					15-Mar-2026
61919US006	Pending	60/807156	12-Jul-2006			12-Jul-2007

61919WO003	Pending	US2007/063972	14-Mar-2007			
62118EP004	Unfiled					
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62118US005	Unfiled					05-Jun-2026
62118WO003	Unfiled					
62276EP004	Unfiled					
62276US002	Pending	60/807155	12-Jul-2006			12-Jul-2007
62276US005	Unfiled					12-Jul-2026
62276WO003	Unfiled					
62415EP004	Unfiled					
62415US002	Pending	60/824695	06-Sep-2006			06-Sep-2007
62415US005	Unfiled					06-Sep-2026
62415WO003	Unfiled					
62514EP004	Unfiled					
62514US002	Pending	60/829442	13-Oct-2006			13-Oct-2007
62514US005	Unfiled					13-Oct-2026
62514WO003	Unfiled					
SEPARATE PROCESS CASES						
52672AT004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672AU002	Abandoned	74658/96	22-Oct-1996	717564	13-Jul-2000	22-Oct-2016
52672BE004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672CA003	Abandoned	2258262	22-Oct-1996			22-Oct-2016
52672CH004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672DE004	Abandoned	96936832.3	22-Oct-1996	69625712.2	08-Jan-2003	22-Oct-2016
52672DK004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672EP004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672ES004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672FI004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672FR004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672GB004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672GR004	Abandoned	3042417	22-Oct-1996	2003040014	08-Jan-2003	22-Oct-2016
52672IE004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672IL005	Abandoned	127347	22-Oct-1996	127347	11-Jun-2002	22-Oct-2016
52672IT004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672JP006	Abandoned	502897/98	22-Oct-1996			22-Oct-2016
52672KR007	Abandoned	710392/98	22-Oct-1996	0457473	08-Nov-2004	22-Oct-2016
52672MX008	Abandoned	9810761	22-Oct-1996	203067	13-Jul-2001	22-Oct-2016
52672NL004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672NO010	Abandoned	98/6001	22-Oct-1996	315086	07-Jul-2003	22-Oct-2016
52672NZ009	Abandoned	333168	22-Oct-1996	333168	10-Sep-1999	22-Oct-2016
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52672SE004	Abandoned	96936832.3	22-Oct-1996	0912564	08-Jan-2003	22-Oct-2016
52672US012	Issued	08/669895	21-Jun-1996	5693811	02-Dec-1997	21-Jun-2016
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57734JP011	Abandoned	2004-509643	12-May-2003			
57734MY006	Cancelled					
57734TH007	Cancelled					
57734TW008	Cancelled					
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57734US009	Issued	10/436488	12-May-2003	6743920	01-Jun-2004	12-May-2023
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58674MY005	Cancelled					
58674TH006	Cancelled					
58674TW007	Cancelled					
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58674US009	Issued	10/856975	28-May-2004	6943255	13-Sep-2005	28-May-2024
58674US010	Issued	11/177948	08-Jul-2005	7038053	02-May-2006	06-Jun-2023
58674WO008	Abandoned	US04/16833	28-May-2004			
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61244US006	Expired	60/743505	16-Mar-2006			16-Mar-2007
61244WO003	Published	US2006/037317	22-Sep-2006			
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FORMULATION/DEVICE CASES						
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58212TH005	Cancelled					
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59997AU005	Pending	2004264336	05-Aug-2004			
59997CA006	Pending	2534313	05-Aug-2004			
59997EP007	Published	04780166.7	05-Aug-2004			
59997JP008	Published	2006-522714	05-Aug-2004			
59997US002	Cancelled					
59997US004	Pending	10/595049	05-Aug-2004			05-Aug-2023
59997WO003	National	US04/25277	05-Aug-2004			
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60330WO003	Published	US2005/047069	28-Dec-2005			
61658US002	Cancelled					
61658WO003	Published	US2005/047374	28-Dec-2005			
BIOLOGY/MOA						
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54563DE004	Abandoned	00980282.8	03-Nov-2000	60008133.8	04-Feb-2004	03-Nov-2020
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54563GB004	Abandoned	00980282.8	03-Nov-2000	1228147	04-Feb-2004	03-Nov-2020
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54563NO007	Abandoned	20021974	03-Nov-2000			
54563PT004	Abandoned	00980282.8	03-Nov-2000	1228147	04-Feb-2004	03-Nov-2020
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54563US010	Issued	10/078645	19-Feb-2002	6630588	07-Oct-2003	02-Nov-2020
54563US011	Issued	10/624419	22-Jul-2003	6916925	12-Jul-2005	02-Nov-2020
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55507PL015	Cancelled					
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55554BE009	Unfiled					
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55554CH009	Unfiled					
55554CN008	Abandoned	02811871.5	14-Jun-2002			
55554DE009	Unfiled					
55554EP009	Published	02742096.7	14-Jun-2002			
55554FR009	Unfiled					
55554GB009	Unfiled					
55554IT009	Unfiled					
55554JP010	Published	2003-504964	14-Jun-2002			
55554US002	Expired					
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55554US005	Issued	2003-0130299	15-Jun-2001	6825350	30-Nov-04	7-Jun-20
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56201US003	Abandoned	10/013193	06-Dec-2001			

56201US037	Published	11/220235	06-Sep-2005			
56201WO009	National	US01/46698	06-Dec-2001			
56201ZA036	Abandoned					
58182US002	Expired	60/432651	11-Dec-2002			
58182US004	Abandoned	10/732796	10-Dec-2003			
58182WO003	Abandoned	US03/34563	31-Oct-2003			
58183US002	Expired	60/432650	11-Dec-2002			
58183US004	Published	10/732563	10-Dec-2003			
58183WO003	Abandoned	US03/34554	31-Oct-2003			
58563EP005	Published	04760404.6	27-Apr-2004			
58563US002	Expired	60/466227	28-Apr-2003			28-Apr-2004
58563US004	Pending	10/832737	27-Apr-2004			
58563WO003	National	US04/12897	27-Apr-2004			
58951AR004	Cancelled					
58951AU012	Pending	2004270201	03-Sep-2004			
58951CA013	Pending	2537763	03-Sep-2004			
58951CN014	Published	80029093.5	03-Sep-2004			
58951EP015	Published	04783053.4	03-Sep-2004			
58951HK005	Cancelled					
58951JP016	Published	2006-526186	03-Sep-2004			
58951MY006	Cancelled					
58951PK007	Cancelled					
58951TH008	Cancelled					
58951TW009	Cancelled					
58951US002	Expired	60/500478	05-Sep-2003			05-Sep-2004
58951US003	Expired	60/561440	12-Apr-2004			12-Apr-2005
58951US011	Published	10/933594	03-Sep-2004			
58951WO010	National	US04/28688	03-Sep-2004			
58991EP005	Published	04784540.9	17-Sep-2004			
58991JP006	Published	2006-527099	17-Sep-2004			
58991US002	Expired	60/503566	17-Sep-2003			17-Sep-2004
58991US003	Published	10/944291	17-Sep-2004			
58991WO004	National	US04/30693	17-Sep-2004			
59089AU006	Pending	2004285575	01-Nov-2004			
59089CA007	Pending	2543685	01-Nov-2004			
59089EP008	Published	04810205.7	01-Nov-2004			
59089JP009	Pending	2006-538418	01-Nov-2004			
59089US002	Expired	60/516116	31-Oct-2003			31-Oct-2004
59089US003	Expired	60/517805	06-Nov-2003			06-Nov-2004
59089US005	Rejected	10/978850	01-Nov-2004			31-Oct-2023
59089WO004	National	US04/36351	01-Nov-2004			
59359EP005	Published	04821159.3	30-Dec-2004			
59359JP006	Pending	2006-547500	30-Dec-2004			
59359US002	Expired	60/533143	30-Dec-2003			30-Dec-2004
59359US004	Rejected	11/027037	30-Dec-2004			30-Dec-2023

59359WO003	National	US04/43705	30-Dec-2004			
59423EP004	Cancelled	04815883.6	30-Dec-2004			
59423US002	Expired	60/533179	30-Dec-2003			30-Dec-2004
59423US005	Abandoned	11/026457	30-Dec-2004			30-Dec-2023
59423WO003	Abandoned	US04/43892	30-Dec-2004			
59612EP004	Cancelled					
59612US002	Expired	60/575496	28-May-2004			28-May-2005
59612US005	Abandoned	11/141655	31-May-2005			
59612WO003	Cancelled					
59614EP005	Pending	05853384.5	08-Dec-2005			
59614JP006	Unfiled					
59614US002	Expired	60/634146	08-Dec-2004			08-Dec-2005
59614US003	Unfiled					
59614WO004	Published	US2005/044448	08-Dec-2005			
59811EP005	Pending	05853268.0	08-Dec-2005			
59811JP006	Unfiled					
59811US002	Expired	60/634145	08-Dec-2004			08-Dec-2005
59811US003	Unfiled					
59811US007	Unfiled					08-Dec-2024
59811WO004	Published	US2005/044306	08-Dec-2005			
61533EP004	Unfiled					
61533US002	Expired	60/754340	28-Dec-2005			28-Dec-2006
61533US005	Unfiled					28-Dec-2025
61533WO003	Pending	US2006/049466	28-Dec-2006			
61368EP004	Unfiled					
61368US002	Expired	60/739806	23-Nov-2005			23-Nov-2006
61368US005	Unfiled					23-Nov-2025
61368WO003	Pending	US2006/045064	20-Nov-2006			
61663EP004	Unfiled					
61663US002	Expired	60/754424	28-Dec-2005			28-Dec-2006
61663US005	Unfiled					28-Dec-2025
61663WO003	Pending	US2006/049431	28-Dec-05			
61246EP004	Unfiled					
61246US002	Expired	60/754474	28-Dec-2005			28-Dec-2006
61246US005	Unfiled					28-Dec-2025
61246WO003	Pending	US2006/049524	28-Dec-2006			
61534EP004	Unfiled					
61534US002	Expired	60/754473	28-Dec-2005			28-Dec-2006
61534US005	Unfiled					28-Dec-2025
61534WO003	Pending	US2006/049468	28-Dec-2006			
61517EP004	Unfiled					
61517US002	Expired	60/754476	28-Dec-2005			28-Dec-2006

61517US005	Unfiled					28-Dec-2025
61517WO003	Pending	US2006/049525	28-Dec-2006			
Note: 61517 family jointly owned with university						
62134EP004	Unfiled					
62134US002	Pending	60/826151	19-Sep-2006			19-Sep-2007
62134WO003	Unfiled					