

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3113869

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ENDO PHARMACEUTICALS SOLUTIONS INC.	10/30/2014
RECEIVING PARTY DATA		
Name:	BRAEBURN PHARMACEUTICALS BVBA SPRL	
Street Address:	LOUIZALAAN 209 A	
City:	BRUSSELS	
State/Country:	BELGIUM	
Postal Code:	1050	
PROPERTY NUMBERS Total: 36		
Property Type	Number	
Application Number:	61550653	
Application Number:	13659692	
Application Number:	13659618	
Application Number:	13659420	
Application Number:	13899704	
PCT Number:	US2012061701	
PCT Number:	US2012061644	
PCT Number:	US2012061640	
Patent Number:	D698919	
Application Number:	61727998	
Patent Number:	D708324	
PCT Number:	US2013070706	
Application Number:	61784218	
PCT Number:	US2014025953	
Application Number:	61784411	
PCT Number:	US2014025658	
Application Number:	61784038	
PCT Number:	US2014025937	
Application Number:	61815366	
Patent Number:	7842303	
Patent Number:	7858110	

PATENT

Property Type	Number
Patent Number:	8357389
Patent Number:	8343528
Patent Number:	8303977
Patent Number:	8460274
Patent Number:	8529936
Patent Number:	8784865
Patent Number:	8658195
Application Number:	14159119
Application Number:	14306954
Application Number:	60494132
PCT Number:	US2009058571
Application Number:	61101548
Application Number:	61117448
Application Number:	12569558
PCT Number:	US2009058810

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2011672-0003
NAME OF SUBMITTER:	CHARLES E. LYON
SIGNATURE:	/Charles E. Lyon/
DATE SIGNED:	11/19/2014

Total Attachments: 18

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Recordable Assignment of Patent Assets

Whereas, Endo Pharmaceuticals Solutions Inc., a Delaware corporation, with its principal office at 1400 Atwater Drive, Malvern, PA 19355 (hereinafter "Assignor"), is the sole and exclusive owner of the patents and patent applications listed in Exhibit A attached hereto (as further defined below, the "Patents"); and

Whereas Braeburn Pharmaceuticals BVBA SPRL, a private limited liability company existing under the laws of Belgium (hereinafter "Assignee"), is desirous of acquiring all right, title and interest in, to and under the said Patents and related patents and patent applications as set forth below.

Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby irrevocably sell, assign, transfer and set over to Assignee, and Assignee hereby accepts, the Patents aforesaid, including without limitation (i) all of the patents and patent applications listed on Annex A attached hereto; (ii) all continuation, continuations-in-part and divisionals of such patents and patent applications, and any patents resulting from any reissue, reexamination or post-issuance examination of such patents and patent applications; (iii) all United States and foreign patents and patent applications claiming common priority to any of the patents or patent applications set forth in clauses (i) and (ii) above (whether claiming priority from such patents and patent applications or forming the basis of priority for such patents and patent applications); (iv) any and all foreign counterparts to any of the patents and patent applications set forth in clauses (i), (ii) and (iii) above (all of the foregoing patents and patent applications in clauses (i), (ii), (iii) and (iv) above, the "Patents"); (v) all inventions, invention disclosures, and discoveries described in the specifications of any of the Patents; (vi) all past, present and future claims, causes of actions and other rights against third parties relating to infringement of any of the foregoing patents and patent applications, including without limitation, all rights to pursue damages, injunctive relief, and other remedies for past, current and future infringement of the foregoing patents and patent applications; (vii) all prosecution history files and inventor assignments for the foregoing patents and patent applications; and (viii) all rights of Seller to license and collect royalties with respect to all of the foregoing patents and patent applications.

Assignor hereby authorizes and requests the Commissioner of the United States Patents and Trademark Office and any official of any applicable country or countries foreign to the United States, whose duty is to issue patents or other evidence or forms of intellectual property or industrial property protection, to record Assignee as assignee and owner of the Patents and hereby covenants that Assignor has the full right to convey the entire interest herein assigned, and that, except as otherwise provided between the parties, Assignor has not executed, and will not execute, any agreements in conflict therewith.

In Witness Whereof, Assignor, by its duly authorized representative, has executed this Recordable Assignment of Patent Assets.

ASSIGNOR:

ENDO PHARMACEUTICALS SOLUTIONS
INC.



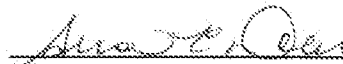
Dated: October 30, 2014

By: _____
Name: Rajiv De Silva
Title: President and CEO

STATE OF Pennsylvania

County of Chester, ss

On this 30 day of October, 2014, before me, the undersigned notary public, personally appeared Rajiv De Silva, who is personally known to me or proved to me through satisfactory evidence of identification, which was his passport, to be the person whose name is signed on the foregoing instrument, and acknowledged to me that he/she signed it voluntarily for its stated purpose.



Notary Public
My Commission Expires:

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
SUSAN E. DEAR, Notary Public
Bethel Twp., Delaware County
My Commission Expires January 8, 2017

ASSIGNEE:

BRAEBURN PHARMACEUTICALS BVBA
SPRL

Dated: November 4, 2014

By: *Bekshad Sheldon*
Name: BEKSHAD SHELDON
Title: PRESIDENT & CEO

STATE OF New Jersey

_____, ss

On this 4th day of November, 2014, before me, the undersigned notary public, personally appeared Bekshad Sheldon, who is personally known to me or proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the foregoing instrument, and acknowledged to me that [he/she] signed it voluntarily for its stated purpose.

Kathryn A Carrigan
Notary Public
My Commission Expires: August 19, 2019

KATHRYN A CARRIGAN
Commission # 2388679
Notary Public, State of New Jersey
My Commission Expires
August 19, 2019

[Signature Page to Patent Assignment]

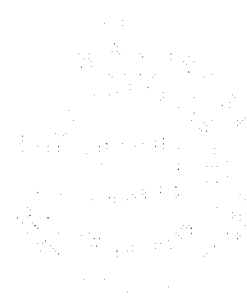


Exhibit A to Recordable Assignment of Patents

All patents and patent applications in the AXS and SHK families and PXX-081, including the following:

Patents and Patent Applications:

Docket Number	Title	Country	Status	Application Number	Patent Number
AXS-111-AU	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Australia	Filed	2012328850	
AXS-111-BR	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Brazil	Filed	BR 112014009819-0	
AXS-111-CA	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Canada	Filed	10/24/2012	2,853,277
AXS-111-CA-1	IMPLANTABLE RASAGILINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Canada	Filed	10/24/2012	2,853,251
AXS-111-CA-2	IMPLANTABLE TIZANIDINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Canada	Filed	10/24/2012	2,853,249
AXS-111-CN	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	China P.R.	Filed	10/24/2012	PCT/US2012/061701
AXS-111-EP	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	European Patent Convention	Filed	12780396.3	
AXS-111-EP-1	IMPLANTABLE RASAGILINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	European Patent Convention	Filed	12780395.5	
AXS-111-EP-2	IMPLANTABLE TIZANIDINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	European Patent Convention	Filed	12780394.8	

Exhibit A to Recordable Assignment of Patents

Docket Number	Title	Country	Status	Application Number	Patent Number
AXS-111-HK	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Hong Kong	Filed	PCT/US2012/061701	
AXS-111-IL	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Israel	Filed	232157	
AXS-111-IN	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	India	Filed	1109/KOLNP/2014	
AXS-111-JP	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Japan	Filed	2014-538933	
AXS-111-JP-1	IMPLANTABLE RASAGILINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Japan	Filed	2014-538916	
AXS-111-JP-2	IMPLANTABLE TIZANIDINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Japan	Filed	2014-538915	
AXS-111-KR	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Korea South	Filed	10-2014-7014141	
AXS-111-MX	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Mexico	Filed	MX/a/2014/004989	
AXS-111-P	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	United States	Inactive	61/550,653	
AXS-111-TW	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Taiwan	Filed	101139269	

Exhibit A to Recordable Assignment of Patents

Docket Number	Title	Country	Status	Application Number	Patent Number
AXS-111-TW-1	IMPLANTABLE RASAGILINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Taiwan	Filed	101139267	
AXS-111-TW-2	IMPLANTABLE TIZANIDINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Taiwan	Filed	101139273	
AXS-111-US	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	United States	Filed	13/659,692	
AXS-111-US-1	IMPLANTABLE RASAGILINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	United States	Filed	13/659,618	
AXS-111-US-2	IMPLANTABLE TIZANIDINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	United States	Filed	13/659,420	
AXS-111-US-2-DIV	IMPLANTABLE TIZANIDINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	United States	Filed	13/899,704	
AXS-111-WO	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Patent Cooperation Treaty	Filed	PCT/US2012/061701	
AXS-111-WO-1	IMPLANTABLE RASAGILINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Patent Cooperation Treaty	Filed	PCT/US2012/061644	
AXS-111-WO-2	IMPLANTABLE TIZANIDINE COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Patent Cooperation Treaty	Filed	PCT/US2012/061640	
AXS-111-ZA	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	South Africa	Filed	2014/03767	
AXS-123-AU-DES	INSERTION TOOL	Australia	Granted	118412013	348614
AXS-123-BR-DES	INSERTION TOOL	Brazil	Filed	BR302013001844-0	
AXS-123-CA-DES	INSERTION TOOL	Canada	Granted	150827	150827

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Docket Number	Title	Country	Status	Application Number	Patent Number
AXS-123-CN-DES	INSERTION TOOL	China P.R.	Granted	201330135603.9	ZL201330135603.9
AXS-123-EU-DES	INSERTION TOOL	European Community Design	Granted	002224675	002224675-0001
AXS-123-IN-DES	INSERTION TOOL (11/1/2013: Title amended to: INSERTION TOOL FOR PLACING A MEDICAL IMPLANT)	India	Granted	253277	253277
AXS-123-MX-DES	INSERTION TOOL	Mexico	Granted	MX/6/2013/000996	41747
AXS-123-US-DES	INSERTION TOOL	United States	Granted	29/435,449	D698,919
AXS-124-AU-DES	TUNNELING TOOL	Australia	Granted	118432013	348615
AXS-124-BR-DES	TUNNELING TOOL	Brazil	Filed	BR302013001845-8	
AXS-124-CA-DES	TUNNELING TOOL	Canada	Granted	150826	150826
AXS-124-CN-DES	TUNNELING TOOL	China P.R.	Granted	201330135607.7	ZL201330135607.7
AXS-124-EU-DES	TUNNELING TOOL	European Community Design	Granted	002222257	002222257-0001
AXS-124-IN-DES	TUNNELING TOOL (11/1/2013: Title Amended to INSERTION TOOL FOR IMPLANTING A MEDICAL IMPLANT)	India	Granted	253276	253276
AXS-124-MX-DES	TUNNELING TOOL	Mexico	Filed	MX/6/2013/000997	
AXS-124-P	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	United States	Inactive	61/727,998	
AXS-124-US-DES	TUNNELING TOOL	United States	Granted	29/435,450	D708324
AXS-124-WO	IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT THEREOF	Patent Cooperation Treaty	Filed	PCT/US2013/070706	
AXS-131-P	IMPLANTABLE DRUG DELIVERY COMPOSITIONS COMPRISING AROMATIC POLYURETHANES AND METHODS OF TREATMENT THEREOF	United States	Inactive	61/784,218	
AXS-131-WO	IMPLANTABLE DRUG DELIVERY COMPOSITIONS COMPRISING AROMATIC POLYURETHANES AND METHODS OF TREATMENT THEREOF	Patent Cooperation Treaty	Filed	PCT/US2014/025953	

Exhibit A to Recordable Assignment of Patents

Docket Number	Title	Country	Status	Application Number	Patent Number
AXS-132-P	IMPLANTABLE DRUG DELIVERY COMPOSITIONS COMPRISING SUGAR-BASED SORPTION ENHANCERS AND METHODS OF TREATMENT THEREOF	United States	Inactive	61/784,411	
AXS-132-WO	IMPLANTABLE DRUG DELIVERY COMPOSITIONS COMPRISING SUGAR-BASED SORPTION ENHANCERS AND METHODS OF TREATMENT THEREOF	Patent Cooperation Treaty	Filed	PCT/US2014/025658	
AXS-133-P	IMPLANTABLE DRUG DELIVERY COMPOSITIONS COMPRISING NON-POLYMERIC SORPTION ENHANCERS AND METHODS OF TREATMENT THEREOF	United States	Inactive	61/784,038	
AXS-133-WO	IMPLANTABLE DRUG DELIVERY COMPOSITIONS COMPRISING NON-POLYMERIC SORPTION ENHANCERS AND METHODS OF TREATMENT THEREOF	Patent Cooperation Treaty	Filed	PCT/US2014/025937	
AXS-134-P	IMPLANTABLE DRUG DELIVERY COMPOSITIONS COMPRISING NON-POLYMERIC SORPTION ENHANCERS AND METHODS OF TREATMENT THEREOF	United States	Inactive	61/815,366	
SHK-031-AL	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Albania	Inactive	04769233.0	2998
SHK-031-AT	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Austria	Granted	04769233.0	E421316

Exhibit A to Recordable Assignment of Patents

Docket Number	Title	Country	Status	Application Number	Patent Number
SHK-031-AU	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Australia	Granted	2004262999	2004262999
SHK-031-AU-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Australia	Filed	2009298720	
SHK-031-AU-DIV	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Australia	Granted	2009202942	2009202942
SHK-031-AU-DIV-1	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Australia	Granted	2010251786	2010251786
SHK-031-AU-DIV-2	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Australia	Filed	2013200837	
SHK-031-BE	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Belgium	Granted	04769233.0	1660034
SHK-031-BG	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Bulgaria	Inactive	04769233.0	1660034
SHK-031-BR-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Brazil	Filed	P10920824-0	
SHK-031-CA	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Canada	Filed	2,437,639	
SHK-031-CA-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Canada	Filed	2,739,178	

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Docket Number	Title	Country	Status	Application Number	Patent Number
SHK-031-CH	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Switzerland	Granted	04769233.0	1660034
SHK-031-CN	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	China P.R.	Granted	200480029342.0	ZL200480029342.0
SHK-031-CN-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	China P.R.	Filed	200980142350.9	
SHK-031-CN-DIV	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	China P.R.	Filed	201110053656.6	
SHK-031-CY	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Cyprus	Inactive	04769233.0	1660034
SHK-031-CZ	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Czech Republic	Granted	04769233.0	1660034
SHK-031-DE	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Germany	Granted	602004019224.4	1660034
SHK-031-DK	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Denmark	Granted	04769233.0	1660034
SHK-031-EE	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Estonia	Inactive	04769233.0	1660034
SHK-031-EP	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	European Patent Convention	Granted	04769233.0	1660034

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Docket Number	Title	Country	Status	Application Number	Patent Number
SHK-031-EP-I	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	European Patent Convention	Filed	09737493.8	
SHK-031-EP-DIV	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	European Patent Convention	Filed	08010973.9	
SHK-031-ES	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Spain	Granted	04769233.0	1660034
SHK-031-FI	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Finland	Granted	04769233.0	1660034
SHK-031-FR	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	France	Granted	04769233.0	1660034
SHK-031-GB	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Great Britain	Granted	04769233.0	1660034
SHK-031-GR	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Greece	Granted	04769233.0	1660034
SHK-031-HK	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Hong Kong	Granted	06113056.8	1091145
SHK-031-HK-I	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Hong Kong	Filed	09737493.8	
SHK-031-HK-DIV	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Hong Kong	Filed	09103740.8	

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Docket Number	Title	Country	Status	Application Number	Patent Number
SHK-031-HR	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Croatia	Inactive	P20090209A	1660034
SHK-031-HU	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Hungary	Granted	04769233.0	1660034
SHK-031-IE	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Ireland	Granted	04769233.0	1660034
SHK-031-IL-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Israel	Filed	211954	
SHK-031-IN	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	India	Granted	282/MUMNP/2006	245234
SHK-031-IN-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	India	Filed	1467/KOLNP/2011	
SHK-031-IT	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Italy	Granted	04769233.0	1660034
SHK-031-JP	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Japan	Granted	2006-523081	5060128
SHK-031-JP-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Japan	Filed	2011-529306	
SHK-031-JP-1-DIV	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Japan	Filed	2014-157923	

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Docket Number	Title	Country	Status	Application Number	Patent Number
SHK-031-JP-DIV	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Japan	Granted	2011-031294	5368497
SHK-031-JP-DIV-1	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Japan	Filed	2012-219869	
SHK-031-JP-DIV-2	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Japan	Filed	2014-164312	
SHK-031-KR-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Korea South	Filed	10-2011-7008350	
SHK-031-LT	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Lithuania	Inactive	04769233.0	1660034
SHK-031-LU	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Luxembourg	Granted	04769233.0	1660034
SHK-031-LV	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Latvia	Inactive	04769233.0	1660034
SHK-031-MC	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Monaco	Inactive	04769233.0	1660034
SHK-031-MK	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Macedonia	Inactive	04769233.0	903179
SHK-031-MX	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Mexico	Granted	PA/a/2006/001612	277466

Exhibit A to Recordable Assignment of Patents

Docket Number	Title	Country	Status	Application Number	Patent Number
SHK-031-MX-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Mexico	Filed	MX/A/2011/003299	
SHK-031-MX-DIV	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Mexico	Granted	MX/a/2010/002774	306138
SHK-031-MX-DIV-1	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Mexico	Filed	MX/a/2012/006029	
SHK-031-NL	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Netherlands	Granted	04769233.0	1660034
SHK-031-PL	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Poland	Inactive	04769233.0	1660034
SHK-031-PT	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Portugal	Granted	04769233.0	1660034
SHK-031-RO	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Romania	Granted	04769233.0	1660034
SHK-031-RU-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Russian Federation	Granted	2011117328	2508089
SHK-031-SE	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Sweden	Granted	04769233.0	1660034
SHK-031-SI	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Slovenia	Inactive	04769233.0	1660034

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Docket Number	Title	Country	Status	Application Number	Patent Number
SHK-031-SK	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Slovak Republic	Granted	04769233.0	1660034
SHK-031-TR	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Turkey	Granted	04769233.0	1660034
SHK-031-UA-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Ukraine	Filed	a201105432	
SHK-031-US	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS AND THEIR MANUFACTURE	United States	Granted	10/915,625	7,842,303
SHK-031-US-CIP	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS AND THEIR MANUFACTURE	United States	Granted	12/242,497	7,858,110
SHK-031-US-CON	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS AND THEIR MANUFACTURE	United States	Granted	12/873,130	8,357,389
SHK-031-US-CON-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS AND THEIR MANUFACTURE	United States	Granted	12/907,717	8,343,528
SHK-031-US-CON-2	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS AND THEIR MANUFACTURE	United States	Granted	12/912,655	8,303,977
SHK-031-US-CON-3	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS AND THEIR MANUFACTURE	United States	Granted	13/416,999	8,460,274
SHK-031-US-CON-4	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS AND THEIR MANUFACTURE	United States	Granted	13/693,659	8,529,936

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SHK-031-US-CON-5	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS AND THEIR MANUFACTURE	United States	Granted	13/892,946	8,784,865
SHK-031-US-CON-6	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS AND THEIR MANUFACTURE	United States	Granted	13/952,327	8,658,195
SHK-031-US-CON-7	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS AND THEIR MANUFACTURE	United States	Filed	14/159,119	
SHK-031-US-CON-8	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	United States	Filed	14/306,954	
SHK-031-US-P	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS AND THEIR MANUFACTURE	United States	Inactive	60/494132	
SHK-031-WO	MANUFACTURE OF LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE BASED POLYMERS	Patent Cooperation Treaty	Inactive	PCT/IB2004/002823	
SHK-031-WO-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	Patent Cooperation Treaty	Inactive	PCT/US2009/058571	
SHK-031-ZA-1	LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE	South Africa	Granted	2011/02948	2011/02948
PXK-081-AU	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Australia	Filed	2009298637	
PXK-081-BR	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Brazil	Filed	P10919465-7	

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Docket Number	Title	Country	Status	Application Number	Patent Number
PXK-081-CA	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Canada	Filed	2,739,181	
PXK-081-CN	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	China P.R.	Filed	200980142114.7	
PXK-081-EP	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	European Patent Convention	Filed	09737241.1	
PXK-081-HKC	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Hong Kong	Filed	11112037.7	
PXK-081-HKE	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Hong Kong	Filed	12100496.5	
PXK-081-IL	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Israel	Filed	211952	
PXK-081-IN	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	India	Filed	1339/KOLNP/2011	
PXK-081-JP	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Japan	Filed	2011-529360	
PXK-081-KR	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Korea South	Filed	10-2011-7007924	
PXK-081-MX	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Mexico	Filed	MX/A/2011/003301	

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PXK-081-P	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	United States	Inactive	61/101,548	
PXK-081-P-1	Implantable Device for the Delivery of Risperidone and Methods of Use Thereof	United States	Inactive	61/117,448	
PXK-081-RU	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Russian Federation	Granted	2011117331	2510266
PXK-081-UA	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Ukraine	Granted	A201105431	103635
PXK-081-US	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	United States	Filed	12/569,558	
PXK-081-WO	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	Patent Cooperation Treaty	Inactive	PCT/US2009/058810	
PXK-081-ZA	IMPLANTABLE DEVICE FOR THE DELIVERY OF RISPERIDONE AND METHODS OF USE THEREOF	South Africa	Filed	2011/02526	