

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4978858

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JANSSEN R& D IRELAND	12/29/2014
RECEIVING PARTY DATA	
Name:	JANSSEN SCIENCES IRELAND UC
Street Address:	EASTGATE VILLAGE, EASTGATE, LITTLE ISLAND
City:	CO. CORK
State/Country:	IRELAND
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15180603
Application Number:	15972840
CORRESPONDENCE DATA	
Fax Number:	(617)832-7000
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(617) 832-3572
Email:	kmay@foleyhoag.com, patentdocketing@foleyhoag.com
Correspondent Name:	FOLEY HOAG LLP
Address Line 1:	155 SEAPORT BOULEVARD
Address Line 4:	BOSTON, MASSACHUSETTS 02210-2600
ATTORNEY DOCKET NUMBER:	PBH-00102 & PBH-00103
NAME OF SUBMITTER:	KAREN MAY
SIGNATURE:	/Karen May/
DATE SIGNED:	05/24/2018
Total Attachments: 6	
source=PBH-00102-JanssenIrelandtoJanssenIrelandUC#page1.tif	
source=PBH-00102-JanssenIrelandtoJanssenIrelandUC#page2.tif	
source=PBH-00102-JanssenIrelandtoJanssenIrelandUC#page3.tif	
source=PBH-00102-JanssenIrelandtoJanssenIrelandUC#page4.tif	
source=PBH-00102-JanssenIrelandtoJanssenIrelandUC#page5.tif	
source=PBH-00102-JanssenIrelandtoJanssenIrelandUC#page6.tif	

CONFIRMATORY ASSIGNMENT

WHEREAS, Janssen R& D Ireland (formerly known as Tibotec Pharmaceuticals) (hereinafter "Assignor"), a corporation existing under the laws of Ireland having its offices and principal place of business at Eastgate Village, Eastgate, Little Island, Co. Cork, Ireland, is the owner of the United States Patents and Pending Applications listed in Schedule A;

AND WHEREAS, Janssen Sciences Ireland UC (hereinafter "Assignee"), a corporation existing under the laws of Ireland having its offices and principal place of business at Eastgate Village, Eastgate, Little Island, Co. Cork, Ireland is desirous of acquiring the entire right, title and interest in and to the United States Patents and Pending Applications listed in Schedule A and the right to sue for past infringements;

AND WHEREAS, by Agreement dated 29 December 2014, Assignor did contribute, transfer and assign unto Assignee all of its right, title and interest in the United States Patents and Pending Applications listed in Schedule A;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned United States Patents and Pending Applications listed in Schedule A, and in and to any and all provisional rights or applications, direct or indirect divisions, continuations and continuations-in-part of said applications, and any application claiming priority to said applications, and any and all Letters Patents in the United States and all foreign countries which may be granted for said United States Patents and Pending Applications listed in Schedule A, and reissues, reexaminations and extensions of said Letters Patents, and in and to any and all priority rights, Convention rights including under the International Convention for the Protection of Industrial Property, and the right to recover for past infringement, and other benefits accruing or to accrue with respect to the applications for patents or patents secured in the United States and other countries, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns.

AND for the same consideration, Assignor covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the

CONFIRMATORY ASSIGNMENT

procurement, maintenance, enforcement and defense of any of the United States Patents and Pending Applications listed in Schedule A, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions or discoveries, or said application(s), or any proceeding in connection with any of the United States Patents and Pending Applications listed in Schedule A in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any provisional, conventional, division, continuation or continuation-in-part of any application(s) for Letters Patent and any application claiming priority to said applications, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions or discoveries and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor grants his/her legal representative, at present the following individuals, the power to insert on, update or otherwise amend this Assignment with any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office or any foreign country, and to record the document:

All practitioners at Customer Number 93358

ASSIGNOR

Janssen R&D Ireland

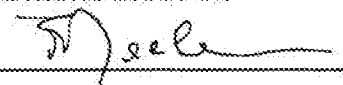
By: 

Name: Luc D'AMICO

Title: Authorized Signatory

ASSIGNEE

Janssen Sciences Ireland UC

By: 

Name: Frank Daelemans

Title: Authorized Signatory

PATENT

REEL: 035146 FRAME: 0388

REEL: 045904 FRAME: 0146

CONFIRMATORY ASSIGNMENT

Schedule A: United States Patents and Pending Applications					
Docket No.	Application No.	Application Date	Patent No.	Grant Date	Status
TIP0002	09/091685	20-Dec-96	6306147	16-Oct-01	Granted
TIP0004	08/274566	13-Jul-94	5643603	01-Jul-97	Granted
TIP0013	10/606342	25-Jun-03	7157495	02-Jan-07	Granted
TIP0013	10/089991	06-Oct-00	6649651	18-Nov-03	Granted
TIP0027	10/489059	06-Sep-02	7126015	24-Oct-06	Granted
TIP0033	12/536807	16-May-03	8518987	27-Aug-13	Granted
TIP0033	10/514352	16-May-03	7700645	20-Apr-10	Granted
TIP0033	14/183712	19-Feb-14			Filed
TIP0036	13/043174	08-Mar-11			Filed
TIP0036	10/514361	13-May-03	7935710	03-May-11	Granted
TIP0041	10/545358	20-Feb-04	7442705	28-Oct-08	Granted
TIP0046	10/596514	20-Dec-04	8044073	25-Oct-11	Granted
TIP0047	12/553545	19-Jul-04	8722696	13-May-14	Granted
TIP0052	10/596519	20-Dec-04	7355051	08-Apr-08	Granted
TIP0056	10/596732	23-Dec-04	7772411	10-Aug-10	Granted
TIP0058	14/454045	07-Aug-14			Filed
TIP0058	12/574881	07-Oct-09	8841310	23-Sep-14	Granted
TIP0060	10/599497	31-Mar-05	7595408	29-Sep-09	Granted
TIP0061	12/517665	06-Dec-07			Filed
TIP0063	12/253450	20-Dec-04	8278455	02-Oct-12	Granted
TIP0064	10/563691	20-Dec-04	7449463	11-Nov-08	Granted
TIP0064	12/140686	20-Dec-04	8883837	11-Nov-14	Granted
TIP0065	11/575818	29-Sep-05	8575342	05-Nov-13	Granted
TIP0067	13/398400	06-Jun-07			Filed
TIP0068	11/568380	04-May-05	7326703	05-Feb-08	Granted
TIP0069	11/718181	27-Oct-05	8153640	10-Apr-12	Granted
TIP0069	13/410779	27-Oct-05			Filed
TIP0070	11/908538	17-Mar-06	7956196	07-Jun-11	Granted
TIP0071	10/545719	20-Feb-04	7585870	08-Sep-09	Granted
TIP0079	12/094708	07-Dec-06	8673551	18-Mar-14	Granted
TIP0081	11/576068	29-Sep-05	7531548	12-May-09	Granted
TIP0082	11/576315	29-Sep-05			Filed
TIP0084	12/241317	30-Sep-08	7745432	29-Jun-10	Granted
TIP0084	11/909747	11-Apr-06	7465727	16-Dec-08	Granted
TIP0085	11/911465	14-Apr-06	8557854	15-Oct-13	Granted
TIP0087	14/095099	03-Dec-13			Filed
TIP0090	11/914044	12-May-06	8022077	20-Sep-11	Granted
TIP0091	12/443190	04-Oct-07			Filed
TIP0094	11/814958	20-Feb-06	7935711	03-May-11	Granted
TIP0095	11/816607	24-Feb-06	8067463	29-Nov-11	Granted

PATENT

REEL: 035747 FRAME: 0389

REEL: 045904 FRAME: 0147

CONFIRMATORY ASSIGNMENT

Schedule A: United States Patents and Pending Applications					
Docket No.	Application No.	Application Date	Patent No.	Grant Date	Status
TIP0095	13/280822	24-Feb-06	8183394	22-May-12	Granted
TIP0096	12/690673	02-Mar-06	8119801	21-Feb-12	Granted
TIP0097	12/961305	04-Apr-06			Filed
TIP0098	13/325621	24-May-06	8618291	31-Dec-13	Granted
TIP0098	11/913200	24-May-06	8101752	24-Jan-12	Granted
TIP0099	12/089249	13-Oct-06	8036861	11-Oct-11	Granted
TIP0100	11/995888	28-Jul-06	8008251	30-Aug-11	Granted
TIP0101	11/995573	28-Jul-06	7989471	02-Aug-11	Granted
TIP0102	13/109395	28-Jul-06	8754105	17-Jun-14	Granted
TIP0103	11/995714	28-Jul-06	8012939	06-Sep-11	Granted
TIP0104	11/995827	28-Jul-06	7666834	23-Feb-10	Granted
TIP0105	11/995869	28-Jul-06			Filed
TIP0106	11/993109	20-Jun-06	8034835	11-Oct-11	Granted
TIP0107	11/993126	20-Jun-06	8178694	15-May-12	Granted
TIP0108	11/993136	20-Jun-06	7884215	08-Feb-11	Granted
TIP0109	11/995560	28-Jul-06	8183277	22-May-12	Granted
TIP0109	13/451660	28-Jul-09	8754116	17-Jun-14	Granted
TIP0110	11/995835	28-Jul-06	8227407	24-Jul-12	Granted
TIP0111	14/285854	23-May-14			Filed
TIP0111	13/832166	15-Mar-13	8754106	17-Jun-14	Granted
TIP0111	13/687037	28-Nov-12	8741926	03-Jun-14	Granted
TIP0111	13/412997	06-Mar-12	8349869	08-Jan-13	Granted
TIP0111	13/197226	03-Aug-11	8153800	10-Apr-12	Granted
TIP0111	11/632102	28-Jul-06	8148399	03-Apr-12	Granted
TIP0116	12/094697	28-Nov-06	7803836	28-Sep-10	Granted
TIP0117	12/094799	28-Nov-06	8084494	27-Dec-11	Granted
TIP0118	12/445039	17-Oct-07			Filed
TIP0120	12/161445	19-Jan-07			Filed
TIP0122	12/294692	30-Mar-07			Filed
TIP0122	14/566400	30-Mar-07			Filed
TIP0123	12/294725	30-Mar-07	8163745	24-Apr-12	Granted
TIP0127	14/493525	22-Jun-07			Filed
TIP0129	12/300211	30-May-07	8318779	27-Nov-12	Granted
TIP0131	12/304990	22-Jun-07	8202887	19-Jun-12	Granted
TIP0133	12/447537	09-Nov-07	8153829	10-Apr-12	Granted
TIP0134	12/515091	30-Nov-07	8285666	09-Oct-12	Granted
TIP0135	12/513594	12-Dec-07	8137921	20-Mar-12	Granted
TIP0138	11/995900	28-Jul-06	7659245	09-Feb-10	Granted
TIP0145	12/441812	16-Nov-07	8637663	28-Jan-14	Granted
TIP0145	14/135826	16-Nov-07			Filed

PATENT

REEL: 035494 FRAME: 0390

REEL: 045904 FRAME: 0148

CONFIRMATORY ASSIGNMENT

Schedule A: United States Patents and Pending Applications					
Docket No.	Application No.	Application Date	Patent No.	Grant Date	Status
TIP0147	12/521189	28-Dec-07			Filed
TIP0148	12/521379	28-Dec-07	8318736	27-Nov-12	Granted
TIP0150	12/518548	01-Feb-08	8143402	27-Mar-12	Granted
TIP0153	12/530665	14-Mar-08			Filed
TIP0155	13/988072	18-Nov-11			Filed
TIP0160	13/484881	01-Feb-08	8722892	13-May-14	Granted
TIP0160	12/441927	01-Feb-08	8212043	03-Jul-12	Granted
TIP0165	12/526553	08-Feb-08			Filed
TIP0166	12/526085	08-Feb-08	8383584	26-Feb-13	Granted
TIP0173	12/668079	11-Jul-08	8426434	23-Apr-13	Granted
TIP0177	13/060942	01-Sep-09	8580981	12-Nov-13	Granted
TIP0179	12/919383	26-Feb-09	8898047	25-Nov-14	Granted
TIP0180	12/745334	05-Dec-08	8350048	08-Jan-13	Granted
TIP0181	13/908705	03-Jun-13			Filed
TIP0181	12/809160	23-Dec-08	8524716	03-Sep-13	Granted
TIP0188	13/058990	14-Aug-09	8357687	22-Jan-13	Granted
TIP0189	13/836168	08-Jul-09			Filed
TIP0189	13/000583	08-Jul-09	8921355	30-Dec-14	Granted
TIP0198	13/122817	07-Oct-09	8664391	04-Mar-14	Granted
TIP0202	13/141094	24-Dec-09			Filed
TIP0203	13/262077	26-Mar-10	8754093	17-Jun-14	Granted
TIP0206	13/265588	23-Apr-10	8436036	07-May-13	Granted
TIP0207	13/319724	11-May-10			Filed
TIP0208	13/389269	06-Aug-10			Filed
TIP0209	13/389277	06-Aug-10	8623899	07-Jan-14	Granted
TIP0210	13/515187	10-Dec-10	8592429	26-Nov-13	Granted
TIP0212	13/497719	22-Sep-10			Filed
TIP0215	13/836816	03-Nov-10			Filed
TIP0215	13/508186	03-Nov-10			Filed
TIP0216	13/637557	01-Apr-11	8716293	06-May-14	Granted
TIP0217	13/515380	20-Dec-10	8784858	22-Jul-14	Granted
TIP0217	14/300607	20-Dec-10			Filed
TIP0218	13/514193	21-Dec-10			Filed
TIP0219	14/367197	18-Dec-12			Filed
TIP0220	13/576726	11-Feb-11			Filed
TIP0222	13/805607	24-Jun-11			Filed
TIP0223	13/812388	26-Jul-11	8815849	26-Aug-14	Granted
TIP0226	13/993107	16-Dec-11	8865705	21-Oct-14	Granted
TIP0227	14/546289	16-Dec-11			Filed
TIP0227	13/993200	16-Dec-11			Filed

CONFIRMATORY ASSIGNMENT

Schedule A: United States Patents and Pending Applications					
Docket No.	Application No.	Application Date	Patent No.	Grant Date	Status
TIP0228	13/993141	16-Dec-11			Filed
TIP0228	14/546016	16-Dec-11			Filed
TIP0229	13/993543	16-Dec-11			Filed
TIP0247	13/993692	16-Dec-11	8846672	30-Sep-14	Granted
TIP0249	14/110054	10-Apr-12			Filed
TIP0252	14/118527	18-May-12			Filed
TIP0253	14/237841	10-Aug-12			Filed
TIP0254	14/237851	10-Aug-12			Filed
TIP0254	14/624452	17-Feb-15			Filed
TIP0255	14/237862	10-Aug-12	8906923	09-Dec-14	Granted
TIP0255	14/552108	10-Aug-12			Filed
TIP0256	14/131272	06-Jul-12			Filed
TIP0257	14/131282	06-Jul-12			Filed
TIP0258	14/357495	08-Nov-12			Filed
TIP0260	14/368335	27-Dec-12			Filed
TIP0261	14/368511	27-Dec-12			Filed
TIP0262	14/370118	04-Jan-13			Filed
TIP0263	14/377064	07-Feb-13			Filed
TIP0264	14/398573	02-May-13			Filed
TIP0268	14/397501	30-Apr-13			Filed
TIP0269	14/408681	12-Jul-13			Filed
TIP0270	14/407109	14-Jun-13			Filed
TIP0271	14/403587	24-May-13			Filed
TIP0272	14/407134	14-Jun-13			Filed
TIP0273	14/407155	14-Jun-13			Filed
TIP0274	14/407172	14-Jun-13			Filed
VIP0020	11/203768	15-Aug-05	7189505	13-Mar-07	Granted
VIP0020	10/215158	08-Aug-02	6958211	25-Oct-05	Granted

PATENT

RECORDED: 04/24/2015
RECORDED: 05/25/2018

REEL: 039147 FRAME: 0392
REEL: 045904 FRAME: 0150