

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GlaxoSmithKline LLC	08/22/2012
RECEIVING PARTY DATA	
Name:	VIIV HEALTHCARE COMPANY
Street Address:	Five Moore Drive
City:	ResearchTrianglePark
State/Country:	NORTH CAROLINA
Postal Code:	27709
PROPERTY NUMBERS Total: 8	
Property Type	Number
PCT Number:	US0616604
Application Number:	13352686
PCT Number:	US0504085
PCT Number:	US0951497
PCT Number:	US0951499
PCT Number:	US0951501
PCT Number:	US0906461
PCT Number:	US0906422
CORRESPONDENCE DATA	
Fax Number:	9194837977
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	919-483-1007
Email:	usciprtp@gsk.com
Correspondent Name:	GlaxoSmithKline
Address Line 1:	Five Moore Drive
Address Line 2:	C2111.2F

CH \$320.00 US0616604

Address Line 4: ResearchTrianglePark, NORTH CAROLINA 27709

ATTORNEY DOCKET NUMBER:

LR62199 ET AL.

NAME OF SUBMITTER:

Patricia Wilson

Total Attachments: 9

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Patent Assignment

THIS DEED is made on 22nd of August, 2012 and effective as of this date ("**Effective Date**")

BETWEEN:

- (1) **GLAXOSMITHKLINE LLC**, a Delaware company (formerly known as SmithKlineBeecham Corporation) with offices at One Franklin Plaza, 200 North 16th Street, Philadelphia, Pennsylvania, 19102, United States ("**Assignor**"); and
- (2) **VIIV HEALTHCARE COMPANY**, a Delaware company with offices at Five Moore Drive, Research Triangle Park, North Carolina, 27709, United States ("**Assignee**").

WHEREAS:

Assignor is a wholly owned subsidiary of GlaxoSmithKline plc. Assignee is a wholly owned subsidiary of ViiV Healthcare Limited.

GlaxoSmithKline plc and ViiV Healthcare Limited agreed, in an agreement dated 16 April 2009, that Assignor's rights, title and interests in the patents and patent applications set out in the attached Schedule 1 together with the inventions disclosed therein and all provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, registrations, confirmations, validations, revalidations, reissues, re-examinations, renewals, Patent Cooperation Treaty (PCT) applications, utility models, design patents, petty patents or any patents or patent applications claiming priority to any of the foregoing or claiming the same subject matter as any of the foregoing, as well as all related extensions or restorations of the term thereof, including, but not limited to paediatric use extensions, supplementary protection certificates or any other such right in any country or jurisdiction of the world ("**Patent Rights**") are to be assigned to and for the benefit of Assignee.

The Patent Rights are jointly owned by Assignor and Shionogi & Co., Ltd.

IN CONSIDERATION of the mutual promises contained in this Deed, Assignor and Assignee hereby **AGREE AS FOLLOWS:**

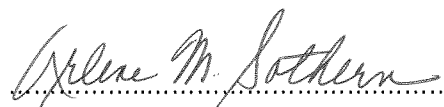
Assignor hereby assigns, with full title guarantee and free from encumbrances (but subject to any licence granted expressly or by implication to Shionogi-ViiV Healthcare, L.P.), to Assignee all of its rights, title and interests in the Patent Rights and all patents and rights granted thereon TOGETHER WITH the Assignor's right to apply for and obtain patents or other similar forms of protection in respect of the Patent Rights throughout the world TOGETHER WITH the Assignor's right to make any new application or applications in respect of any part or parts of the subject matter of any application or specification filed in connection with the Patent Rights anywhere in the world and the right to claim priority from the Patent Rights under any applicable law, the Paris Convention (as amended) or other conventions TOGETHER WITH the Assignor's right to bring proceedings for any past, current or future infringement and TO HOLD the same unto the Assignee and its respective successors and assigns.

This Deed and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with the law of England and Wales.

IN WITNESS of which this Assignment has been executed as a Deed and delivered the date and year first above written:

EXECUTED as a Deed by
GLAXOSMITHKLINE LLC

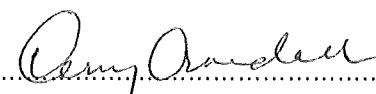
)
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Arlene M. Sothern

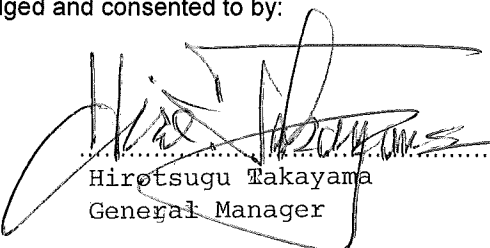
Assistant Secretary

EXECUTED as a Deed by
VIIV HEALTHCARE COMPANY

) 
Terry Crandall
Secretary

The provisions of this Deed are hereby acknowledged and consented to by:

SHIONOGI & CO., LTD

) 
Hirotsugu Takayama
General Manager

Schedule 1

Case No.	Country	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	First Filing Date	Title	Status
LR62199	Algeria	070738	28-Apr-2006	5531			28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	Armenia	200702080	28-Apr-2006	014162	29-Oct-2010	28-Apr-2026	28-Apr-2005	HIV INTEGRASE INHIBITORS	Granted
LR62199	Australia	2006239177	28-Apr-2006	2006239177	02-Feb-2012	28-Apr-2026	28-Apr-2005	HIV INTEGRASE INHIBITORS	Granted
LR62199	Azerbaijan	200702080	28-Apr-2006	014162	29-Oct-2010	28-Apr-2026	28-Apr-2005	HIV INTEGRASE INHIBITORS	Granted
LR62199	Belarus	200702080	28-Apr-2006	014162	29-Oct-2010	28-Apr-2026	28-Apr-2005	HIV INTEGRASE INHIBITORS	Granted
LR62199	Brazil	PI0610030-9	28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	Canada	2606282	28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	China P.R.	200680022891.4	28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	Colombia	07-115.501	28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	Colombia	07-115.501A	28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	Egypt	1167/2007	28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	Eurasian Patent Convention	200702080	28-Apr-2006	014162	29-Oct-2010	28-Apr-2026	28-Apr-2005	HIV INTEGRASE INHIBITORS	Granted
LR62199	European Patent Convention	06758843.4	28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	Hong Kong	08100942.1	28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	India	3865/KOLNP/2007	28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	Indonesia	W-00200703559	28-Apr-2006	ID P 0025669	10-May-2010	28-Apr-2026	28-Apr-2005	HIV INTEGRASE INHIBITORS	Granted

LR62199	Israel	186555	28-Apr-2006						HIV INTEGRASE INHIBITORS	28-Apr-2005		Filed
LR62199	Israel	215788	28-Apr-2006						HIV INTEGRASE INHIBITORS	28-Apr-2005		Filed
LR62199	Japan	2008-261344	08-Oct-2008						HIV INTEGRASE INHIBITORS	28-Apr-2005		Filed
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LR62199	Kyrgyzstan	200702080	28-Apr-2006	014162	29-Oct-2010	28-Apr-2026			HIV INTEGRASE INHIBITORS	28-Apr-2005		Granted
LR62199	Malaysia	PI20071883	28-Apr-2006						HIV INTEGRASE INHIBITORS	28-Apr-2005		Filed
LR62199	Mexico	MX/a/2007/013351	28-Apr-2006						HIV INTEGRASE INHIBITORS	28-Apr-2005		Filed
LR62199	Mexico	MX/a/2011/010484	04-Oct-2011						HIV INTEGRASE INHIBITORS	28-Apr-2005		Filed
LR62199	Moldova	200702080	28-Apr-2006	014162	29-Oct-2010	28-Apr-2026			HIV INTEGRASE INHIBITORS	28-Apr-2005		Granted
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LR62199	New Zealand	562339	28-Apr-2006	562339	09-May-2011	28-Apr-2026			HIV INTEGRASE INHIBITORS	28-Apr-2005		Granted
LR62199	Nigeria	2007/12/473/LOS/IP	28-Apr-2006						HIV INTEGRASE INHIBITORS	28-Apr-2005		Filed
LR62199	Norway	20075165	28-Apr-2006						HIV INTEGRASE INHIBITORS	28-Apr-2005		Filed
LR62199	Patent Cooperation Treaty	PCT/US2006/016604	28-Apr-2006						HIV INTEGRASE INHIBITORS	28-Apr-2005		Inactive
LR62199	Philippines	1-2007-502373	28-Apr-2006						HIV INTEGRASE INHIBITORS	28-Apr-2005		Filed
LR62199	Republic of Korea	10-2007-7027734	28-Apr-2006						HIV INTEGRASE INHIBITORS	28-Apr-2005		Filed
LR62199	Russian Federation	200702080	28-Apr-2006	014162	29-Oct-2010	28-Apr-2026			HIV INTEGRASE INHIBITORS	28-Apr-2005		Granted
LR62199	Singapore	200716935-2	28-Apr-2006	136604	31-May-2010	28-Apr-2026			HIV INTEGRASE INHIBITORS	28-Apr-2005		Granted

LR62199	South Africa	2007/08970		28-Apr-2006	2007/08970	30-Jul-2008	28-Apr-2026	28-Apr-2005	HIV INTEGRASE INHIBITORS	Granted
LR62199	Taiwan	95115285		28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	Tajikistan	200702080		28-Apr-2006	014162	29-Oct-2010	28-Apr-2026	28-Apr-2005	HIV INTEGRASE INHIBITORS	Granted
LR62199	Trinidad & Tobago	TT/A/2007/00254		28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	Turkmenistan	200702080		28-Apr-2006	014162	29-Oct-2010	28-Apr-2026	28-Apr-2005	HIV INTEGRASE INHIBITORS	Granted
LR62199	Ukraine	200711345		28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	United States	11/919386		28-Apr-2006	8129385	06-Mar-2012	28-Apr-2026	28-Apr-2005	HIV INTEGRASE INHIBITORS	Granted
LR62199	United States	13/352686		18-Jan-2012				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
LR62199	Vietnam	1-2007-02531		28-Apr-2006				28-Apr-2005	HIV INTEGRASE INHIBITORS	Filed
PR60567	Algeria	060453		10-Feb-2005				11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Australia	2005211733		10-Feb-2005				11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Brazil	PI0507628-5		10-Feb-2005				11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Canada	2555176		10-Feb-2005				11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	China P.R.	200580012289.8		10-Feb-2005				11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Colombia	06-086.875		10-Feb-2005				11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Egypt	761/2006		10-Feb-2005				11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	European Patent Convention	05726489.7		10-Feb-2005				11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Filed
PR60567	Hong Kong	07104680.0		02-May-2007				11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive

PR60567	India	2249/KOLNP/2006	10-Feb-2005					11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Indonesia	WI-00200602253	10-Feb-2005					11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Israel	177189	10-Feb-2005					11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Japan	2006-553204	10-Feb-2005	4859676	11-Nov-2011	10-Feb-2025		11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Granted
PR60567	Mexico	PA/a/2006/009132	10-Feb-2005					11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Morocco	PV/29263	10-Feb-2005	28358	01-Dec-2006	10-Feb-2025		11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	New Zealand	549275	10-Feb-2005					11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Norway	20063958	10-Feb-2005					11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
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PR60567	Republic of Korea	2006-7018565	10-Feb-2005					11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Russian Federation	RU2006128848	10-Feb-2005					11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR60567	Singapore	200605304-5	10-Feb-2005					11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
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PR60567	United States	10/597902	10-Feb-2005					11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Filed
PR60567	Vietnam	1-2006-01487	10-Feb-2005					11-Feb-2004	BENZYLNAPHTHYRIDIN ONES	Inactive
PR62909	European	09800989.7	23-Jul-2009					25-Jul-2008	CHEMICAL	Filed

	Patent Convention										COMPOUNDS	
PR62909	Patent Cooperation Treaty	PCT/US2009/051497	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Inactive
PR62909	United States	13/054633	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Filed
PR62910	China P.R.	200980135216.6	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Filed
PR62910	European Patent Convention	09800991.3	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Filed
PR62910	India	196/KOLNP/2011	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Filed
PR62910	Japan	2011-520187	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Filed
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PR62910	Singapore	201100178-1	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Filed
PR62910	United States	13/054847	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Filed
PR62914	European Patent Convention	09800993.9	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Filed
PR62914	Japan	2011-520188	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Filed
PR62914	Patent Cooperation Treaty	PCT/US2009/051501	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Inactive
PR62914	Republic of Korea	PCT/US2009/051501	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Filed
PR62914	United States	13/055046	23-Jul-2009							25-Jul-2008	CHEMICAL COMPOUNDS	Filed
PR62926	China P.R.	200980149670.7	09-Dec-2009							11-Dec-2008	Process for Preparing HIV Integrase Inhibitors	Filed
PR62926	European Patent Convention	09832232.4	09-Dec-2009							11-Dec-2008	Process for Preparing HIV Integrase Inhibitors	Filed
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PR62926	Japan	2011-540693	09-Dec-2009							11-Dec-2008	Process for Preparing HIV Integrase Inhibitors	Filed

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PR63021	Mexico	MX/a/2011/006241	08-Dec-2009						11-Dec-2008	Process for Preparing HIV Integrase Inhibitors and Intermediates	Filed
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