504713030 01/04/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4759752

AND ADDRESS previously recorded on Reel 023354 Frame 0033. Assignor(s) hereby confirms the ASSIGNOR/ASSIGNEE NAMEKATHOLIEKE UNIVERSITEIT LEUVEN ADDRESSKU LEUVEN	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
R&D, WAAISTRAAT 0-BOS 5105, 3000 LEOVEIN, BELGIOW		Assignor(s) hereby confirms the ASSIGNOR/ASSIGNEE NAME

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Name	Execution Date
KATHOLIEKE UNIVERSITEIT LEUVEN	09/26/2009

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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8779141

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PATENT REEL: 045000 FRAME: 0429

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NAME OF SUBMITTER: HALLIE W. O'BRIEN

SIGNATURE: /Hallie W. O'Brien/

DATE SIGNED: 01/04/2018

Total Attachments: 5

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PATENT REEL: 045000 FRAME: 0430

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
K.U. Leuven Research & Development	09/26/2009

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12468667

CORRESPONDENCE DATA

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REEL: 023354 FRAME: 0033

PATENT

REEL: 045000 FRAME: 0431

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111.25USD

NAME OF SUBMITTER:

Barry F. McGurl

Total Attachments: 3

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PATENT REEL: 023354 FRAME: 0034

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REEL: 045000 FRAME: 0432

ASSIGNMENT BY ASSIGNOR

Katholleke Universiteit Leuven

THIS ASSIGNMENT, made by K.U. Leuven Research & Development, organized under and pursuant to the laws of Belgium, having its principal place of business at Minderbroedersstreat 8a - 3000 Leuven, Belgium (hereinafter referred to as Assignor); KU Leuven R&D, Waaistraat 6 - bus 5105, 3000 Leuven, Belgium

WHEREAS, Assignor having acquired the entire right, title and interest by operation of original Assignment from inventors Johan Neyts and Erik De Clercq; recorded August 10, 2005 on Reel/Frame 016380/0873, for U.S. Patent Application Serial No. 10/519,756, filed December 30, 2004; and

WHEREAS, Gilead Sciences, Inc., organized under and pursuant to the laws of Delaware having its principal place of business at 333 Lakeside Drive, Foster Katholieke Universiteit Leuven City, California 94404; and K.U. Leuven Research & Development, organized under and pursuant to the laws of Belgium having its principal place of business at KU Leuven R&D, Waalstraat 6 - bus 5105, 3000 Leuven, Belgium - Minderbroedersstraat 8a - 3000 Leuven, Belgium; and Gerhard Puerstinger, a citizen of Austria, residing at Badhausstrasse 10/4, A-6080 Igls, AUSTRIA, respectively (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

> NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient 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 Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations, continuations-in-part, and continuing applications of said application, and any and all Letters Patent In the United States which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended

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as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignees, their 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 procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said Inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor acknowledges an obligation of assignment of this invention to Assignees at the time the invention was made.

Date: 26-09-2009

Signature:

Patricki Chaltin IPR Officer

-K.U. Louven-Research & Development-

Katholieke Universiteit Leuven

Paul VAN DUN General Manager

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