

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3267159

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL LIEBERMAN	03/16/2015
RECEIVING PARTY DATA	
Name:	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
Street Address:	535 WEST 116TH STREET
Internal Address:	412 LOW LIBRARY, MAIL CODE 4308
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10027
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13836332
CORRESPONDENCE DATA	
Fax Number:	(212)541-4630
<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:	2125412000
Email:	kchooper@bryancave.com
Correspondent Name:	BRYAN CAVE LLP
Address Line 1:	1290 AVENUE OF THE AMERICAS
Address Line 4:	NEW YORK, NEW YORK 10104
ATTORNEY DOCKET NUMBER:	0350045
NAME OF SUBMITTER:	KEVIN C. HOOPER
SIGNATURE:	/Kevin C. Hooper/
DATE SIGNED:	03/16/2015
Total Attachments: 2	
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U.S.A.

Docket No.: IR 2694 C035795/0350045

Assignment

WHEREAS, I/WE

Paul LIEBERMAN

the executor of the estate of the inventor Seymour Lieberman (deceased) who invented certain new and useful improvements in

METHODS OF VALIDATING CANDIDATE COMPOUNDS FOR USE IN TREATING COPD AND OTHER DISEASES

which are described and claimed in U.S. Patent Application Serial No. 13/836,332, filed March 15, 2013, which is a continuation of U.S. Patent Application Serial No. 13/575,346, filed July 26, 2012, which is a National Stage of International Application No. PCT/US2011/022619, filed January 26, 2011, which claims benefit to U.S. Provisional Application No. 61/336,804, filed January 26, 2010 (Invention).

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we hereby assign to

THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK

having its principal offices at: Office of the General Counsel, 412 Low Library, Mail Code 4308, 535 West 116th Street, New York, NY 10027, USA, (hereinafter the "Assignee"), and the Assignee's successors, assigns, or legal representatives, Seymour Lieberman's entire right, title and interest, in and to the Invention within the United States of America and its territories and possessions and all foreign countries, and in and to any patent application, including provisional or utility applications based thereon, and in and to any Letters Patent of the United States of America and all foreign countries, including utility models, inventor's certificates and like government grants, and in and to all divisions, reissues, reexaminations, continuations, continuations-in-part, and extensions thereof that may be granted therefor, and the right to apply for Letters Patent(s) in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor(s) by local laws or by treaty, including any international conventions, for the protection of industrial property, together with the right to extend the protection of the U.S. Letters Patent(s) to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all the rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the full end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by Seymour Lieberman if this assignment had not been made. And, I/we, the executor of the estate of Seymour Lieberman, do hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue any U.S. Letters Patent, when granted, in accordance with this assignment.

UPON SAID CONSIDERATION, I/we, as the executor of the estate of the inventor Seymour Lieberman, do hereby covenant and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the foregoing, and that I/we will at any time upon request without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the

Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuing, divisional, reissued, reexamined, or extended Letters Patent(s) of the United States of America on the Invention or like protection in any foreign country, and in enforcing any rights or choses in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents, and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the successors, assigns, or legal representatives of all parties hereto.

IN WITNESS WHEREOF, this Assignment has been executed by me/us, the executor of the estate of Seymour Lieberman (deceased)

at Providence, RI, by:

Paul S. Lieberman
Paul LIEBERMAN

Dated: 3/16/2015