

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4639638

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VLADIMIR MALININ	09/12/2017
WALTER PERKINS	09/05/2017
FRANZISKA LEIFER	09/05/2017
DONNA M. KONICEK	09/05/2017
ZHILI LI	09/12/2017
ADAM PLAUNT	09/05/2017
RECEIVING PARTY DATA	
Name:	INSMED INCORPORATED
Street Address:	10 FINDERNE AVENUE, BUILDING 10
City:	BRIDGEWATER
State/Country:	NEW JERSEY
Postal Code:	08807
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15527811
CORRESPONDENCE DATA	
Fax Number:	(202)842-7899
<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:	2028427800
Email:	mmcevoy@cooley.com, fwood@cooley.com
Correspondent Name:	MICHAEL MCEVOY
Address Line 1:	1299 PENNSYLVANIA AVE., NW, SUITE 700
Address Line 4:	WASHINGTON, D.C. 20720
ATTORNEY DOCKET NUMBER:	INMD-127/01US
NAME OF SUBMITTER:	MICHAEL T MCEVOY
SIGNATURE:	/Michael T. McEvoy/
DATE SIGNED:	10/13/2017
Total Attachments: 10	

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ASSIGNMENT

I/We, Vladimir MALININ, working in Bridgewater, NJ 08807; Walter PERKINS, working in Bridgewater, NJ 08807; Franziska LEIFER, working in Bridgewater, NJ 08807; Donna M. KONICEK, working in Bridgewater, NJ 08807; Zhili LI, working in Bridgewater, NJ 08807; and Adam PLAUNT, working in Bridgewater, NJ 08807 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled METHODS OF MANUFACTURING TREPROSTINIL AND TREPROSTINIL DERIVATIVE PRODRUGS, and which is a:

- (1) non-provisional application
- (a) to be filed herewith; or
- (b) bearing Application No. 15/527,811, and filed on May 18, 2017; and/or
- (2) PCT application
- (a) bearing Application No. PCT/US2015/061427, and filed on November 18, 2015.

WHEREAS, Insmmed Incorporated, a corporation having its principal place of business at 10 Finderne Avenue, Building 10, Bridgewater, NJ 08807, its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified above;

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;

(f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the

Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 9/12/2017

By: *Vladimir Malinin*
Vladimir Malinin

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of New Jersey)
County of Somerset) ss.

On 9/12/17, before me, Holly Griffin, Notary Public, personally appeared Vladimir Malinin, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

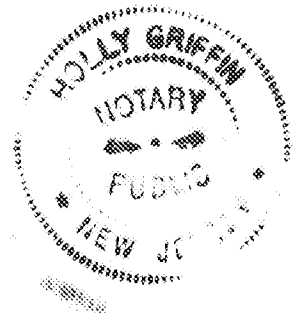
REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Holly Griffin
Signature of Notary Public



My Commission Expires:



Date: Sept 5, 2017

By: [Signature]
Walter Perkins

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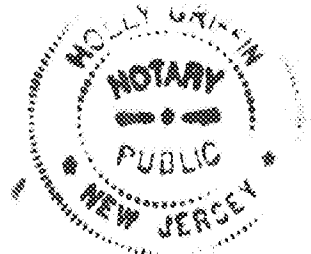
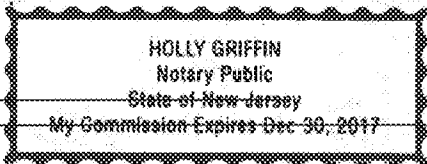
State of New Jersey
 County of Somerset ss.
 On 9/5/17, before me, Holly Griffin, Notary Public, personally appeared Walter Perkins, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]
 Signature of Notary Public

My Commission Expires: _____



Date: 9/05/2017

By: Franziska Leifer
Franziska Leifer

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State of New Jersey)
County of Somerset) ^{ss.}

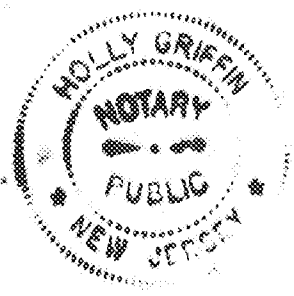
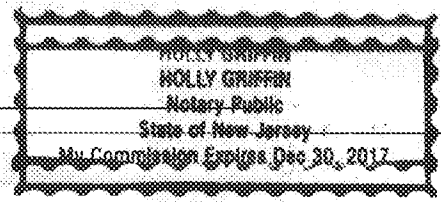
On 9/5/17, before me, Holly Griffin, Notary Public, personally appeared Franziska Leifer, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Holly Griffin
Signature of Notary Public

My Commission Expires: _____



Date: 9/5/2017

By: 
Donna M. Konicek

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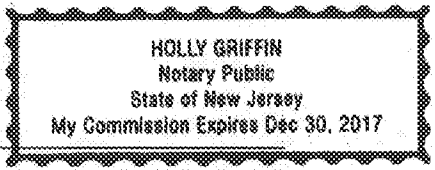
State of New Jersey)
County of Somerset) ss.

On 9/5/17, before me, Holly Griffin, Notary Public, personally appeared Donna Konicek, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Signature of Notary Public



My Commission Expires: _____



Date: 9/12/17

By: Zhili Li
Zhili Li

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State of New Jersey
County of Somerset ss.

On 9/12/17, before me, Holly Griffin, Notary Public, personally appeared Zhili Li, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

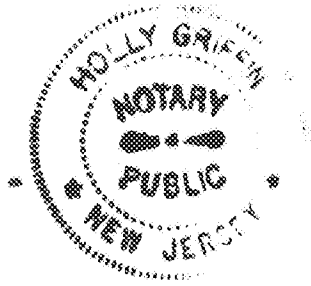
REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Holly Griffin
Signature of Notary Public



My Commission Expires: _____



Date: 9/5/17

By: [Signature]
Adam Plaunt

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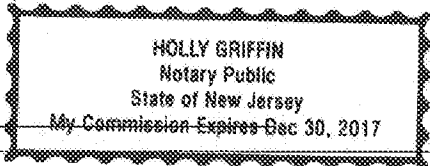
State of New Jersey
County of Somerset ss.

On 9/5/17, before me, Holly Griffin, Notary Public, personally appeared Adam Plaunt, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

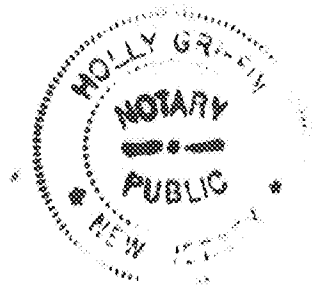
REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]
Signature of Notary Public



My Commission Expires: _____



For and on behalf of ASSIGNEE:

Date: 9/13/17

By: [Signature]
Name:
Title:
Company: Insmmed Incorporated

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State of New Jersey)
County of Somerset) ss.

On 9/13/17, before me, Holly Griffin, Notary Public, personally appeared Christine Azzari, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]
Signature of Notary Public

My Commission Expires _____

