# 505090727 09/12/2018

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
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VLADIMIR MALININ			08/23/2016	
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PATENT REEL: 046854 FRAME: 0132

#### Attorney Docket No. INMD-120/05US 315953-3217 INMD-120/05WO 315953-3218

#### CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

Vladimir MALININ, residing at Somerset, NJ, (referred to as "Assignor") is an inventor of the subject matter in the following Patent Applications ("the applications") set forth below and entitled <u>PROSTACYCLIN COMPOUNDS, COMPOSITIONS AND</u> <u>METHODS OF USE THEREOF, as well as any invention(s) ("the invention(s)")</u> disclosed in the applications:

- Non-provisional application bearing Application No. 14/523,538, and filed on October 24, 2014; and
- International application under the Patent Cooperation Treaty bearing Application No. PCT/US2014/62232, and filed on October 24, 2014.

WHEREAS, an Assignment was executed by Vladimir MALININ on November 24, 2014, with respect to the applications ("the Assignment"); and

WHEREAS, the Assignment was recorded with the United States Patent and Trademark Office on February 6, 2015, at Reel/Frame 034907/0304 in U.S. Application No. 14/523,538.

NOW, the Assignor hereby confirms that the Assignor, by the Assignment, previously assigned, transferred, and/or set over to **Insmed Incorporated**, a corporation having its principal place of business at 10 Finderne Avenue, Building No. 10, Bridgewater, NJ 08807-3365 (the "Assignee"), and its successors and assigns, the Assignor's entire rights, title and interest in the subject matter and invention(s) disclosed in the applications.

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To the extent that the Assignor has retained or not previously assigned, transferred, and/or set over any rights, title and/or interest in the applications and/or the invention(s), the Assignor hereby assigns, transfers, and sets over any such rights, title and/or interest, including the right to sue for past infringement, in the applications and/or the invention(s), including all divisions, continuations, continuations-in-part, renewals, substitutes, reissues, reexaminations, and extensions thereof and patent(s) and/or patent application(s) claiming priority thereto, to the Assignee, its assigns and successors.

This Confirmatory Assignment may be recorded in the U.S. Patent & Trademark Office, where it will be open for public inspection.

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### Attorney Docket No. INMD-120/05US 315953-3217 INMD-120/05WO 315953-3218

Date: 9/23/2016 Ma By: Vladimir MALININ State of New Jersey) SS. ) County of Somerset) On aug. 23, 2016 , before me, Lisa Schildhorn, 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. WITNESS my hand and official seal. Signature of Notary Public Place Notar òve **USA SCHILDHORN** COMMISSION # 2405830 NOTARY PUBLIC-STATE OF NEW JERSEY MY COMMISSION EXPIRES MARCH 21, 2021 My Commission Expires:

Date:

By:

Name: Christine Pellizzati Title: General Counsel & Corp. Secretary Company: Insmed Incorporated

State of New Jersey)

) ss. County of Somerset)

On  $\underline{\mathcal{Aug}}, \underline{\mathcal{AUg}}, \underline{\mathcal{AUg}}$ , before me, Lisa Schildhorn, Notary Public, personally appeared <u>Christine Pellizzari</u>, 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  $\underline{Aug}$ .

WITNESS my hand and official seal.

<u>8/34</u>/10

Signature of Notary Publ

My Commission Expires

LISA SCHILDHORN COMMISSION # 2405830 NOTARY PUBLIC-STATE OF NEW JERSEY MY COMMISSION EXPIRES MARCH 21, 2621



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RECORDED: 09/29/2018

PATENT REEL: 04**2869** FRAME: 0136