507532319 10/07/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7579212

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JU DU	04/13/2020
ADAM PLAUNT	04/13/2020
VLADIMIR MALININ	04/13/2020

RECEIVING PARTY DATA

Name:	INSMED INCORPORATED
Street Address:	700 US HIGHWAY 202/206
City:	BRIDGEWATER
State/Country:	NEW JERSEY
Postal Code:	08807-1704

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17893991	

CORRESPONDENCE DATA

Fax Number: (908)450-2093

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.

7324877290 Phone:

Email: IPduedates@insmed.com JOSHUA S. MARCUS **Correspondent Name:** Address Line 1: **INSMED INCORPORATED** Address Line 2: 700 US HIGHWAY 202/206

Address Line 4: BRIDGEWATER, NEW JERSEY 08807-1704

ATTORNEY DOCKET NUMBER:	INMD-149/02US
NAME OF SUBMITTER:	JOSHUA S. MARCUS
SIGNATURE:	/Joshua S. Marcus/
DATE SIGNED:	10/07/2022

Total Attachments: 7

source=INMD-149-02US Assignment from Paent 149-01US (dry powder)#page1.tif source=INMD-149-02US Assignment from Paent 149-01US (dry powder)#page2.tif source=INMD-149-02US Assignment from Paent 149-01US (dry powder)#page3.tif

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Attorney Docket No. INMD-149/00US 315953-3654

PATENT

ASSIGNMENT

Ju DU, Adam PLAUNT, and **Vladimir MALININ** c/o Insmed Incorporated, 700 US Highway 202/206, Bridgewater, NJ 08807-1704 (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: **DRY POWDER COMPOSITIONS OF TREPROSTINIL PRODRUGS AND METHODS OF USE THEREOF**, and which is a:

(1)	provisional application (a) to be filed herewith; or (b) bearing Application No. 62/840,186, and filed on April 29, 2019;
(2)	non-provisional application (a) to be filed herewith; or (b) bearing Application No., and filed on; and/or
(3)	PCT application (a) bearing Application No., and filed on.

WHEREAS, INSMED INCORPORATED, a corporation duly organized under and pursuant to the laws of the State of Virginia, and having its principal place of business at 700 US Highway 202/206, Bridgewater, NJ 08807-1704 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

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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 the sole and lawful owner of 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

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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.

My Commission Expires:

Attorney Docket No. INMD-149/00US 315953-3654 Application No.: 62/840,186; Filed: April 29, 2019

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Date: By:	DocuSigned by: Ju Du Ju DU Ju DU
A notary public or other officer completing this cer individual who signed the document to which th truthfulness, accuracy, or validity of that document	is certificate is attached, and not the
State of)	
County of)	
On, before me,	, Notary
Public, personally appeared	, who proved
to me on the basis of satisfactory evidence, to b	e the person(s) whose name(s) is/are
subscribed to the within instrument and acknowleds	ged 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	•
the instrument.	1 ()
the instrument.	
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
	•

My Commission Expires:

Attorney Docket No. INMD-149/00US 315953-3654 Application No.: 62/840,186; Filed: April 29, 2019

Page 5 of 7

Date: By	Docusigned by: Adam J. Plaunt BE2B5FDAE134FC Adam PLAUNT
A notary public or other officer completing this individual who signed the document to which truthfulness, accuracy, or validity of that docum	this certificate is attached, and not the
State of) County of)	
On, before me,	, Notary
Public, personally appeared	, who proved
to me on the basis of satisfactory evidence, t	o be the person(s) whose name(s) is/are
subscribed to the within instrument and acknow	ledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), as	nd that by his/her/their signature(s) on the
instrument the person(s), or the entity upon beh	alf of which the person(s) acted, executed
the instrument.	
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above

∽DocuSigged by:

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Date: _	13-Apr-2020	Bv:	Madimir Malinin
		J	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	_)	
County of)	
On	, before me,	, Notary
Public, personally appeared		, who proved
to me on the basis of satisfactor	ry evidence, to l	be the person(s) whose name(s) is/are
subscribed to the within instrumen	nt and acknowled	dged to me that he/she/they executed the
same in his/her/their authorized c	apacity(ies), and	d that by his/her/their signature(s) on the
instrument the person(s), or the en	ntity upon behalf	f of which the person(s) acted, executed
the instrument.		
WITNESS my hand and official s	eal.	
Signature of Notary Public		Place Notary Seal Above
My Commission Expires:		_

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For and on behalf of ASSIGNEE:

Date: _	0-Apr-2020 By:		Christine Pellizzari	
	_		Name: Christine Pellizzari	
			Title: Chief Legal Officer	
			Company: Insmed Incorporated	

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)		
County of)		
On	_, before me,		, Notary
Public, personally appeared			, who proved
to me on the basis of satisfact	ory evidence, to	be the person(s)	whose name(s) is/are
subscribed to the within instrum	ent and acknowled	ged to me that he	e/she/they executed the
same in his/her/their authorized	capacity(ies), and	that by his/her/th	neir 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	Notary Seal Above
My Commission Expires:		_	

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RECORDED: 10/07/2022