504149187 12/21/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALLISON D. ORTIGOSA	08/28/2014
WILLIAM PERRY	08/28/2014
MARK C. SLEEVI	09/05/2014
LUIS SIERRA	08/27/2014

RECEIVING PARTY DATA

Name:	MERCK SHARP & DOHME CORP.
Street Address:	126 EAST LINCOLN AVENUE
City:	RAHWAY
State/Country:	NEW JERSEY
Postal Code:	07065

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15038495

CORRESPONDENCE DATA

Fax Number: (732)594-2300

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.

Phone: 7325946914

Email: US EFS@MERCK.COM **Correspondent Name:** JOHN DAVID REILLY

Address Line 1: 126 EAST LINCOLN AVENUE Address Line 4: RAHWAY, NEW JERSEY 07065

ATTORNEY DOCKET NUMBER:	23636
NAME OF SUBMITTER:	JILL FILIPPONE
SIGNATURE:	/Jill Filippone/
DATE SIGNED:	12/21/2016

Total Attachments: 5

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PATENT REEL: 041127 FRAME: 0432

Attorney Docket No.: 23636

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Allison D. Ortigosa, located at Harrisonburg, VA,
- (2) William Perry, located at Longmont, CO,
- (3) Mark C. Sleevi, located at Longmont, CO,
- (4) Luis Sierra, located at Dunellen, NJ,

are the inventors of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

METHOD FOR PREPARING CRYSTALLINE INSULIN

and in the following application(s):

U.S. Provisional Application No. 6	1/911,514 filed on December 4, 2013;	
U.S. Application No. <u>15/038,495</u>	having a filing date of 5/23/16; and	
PCT International Application No.	PCT/US14/67847 having a filing date of 12/1/14	

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Merck Sharp & Dohme Corp., a corporation organized under the laws of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said ASSIGNEE my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of ASSIGNEE, without further compensation or charge to said ASSIGNEE, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of ASSIGNEE, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Attorney Docket No.: 23636

Executed this <u>a</u> day of <u>AVAVS</u>	, 20 <u></u>
- a.o.4-	
Allison D. Ortigosa	
ACKNOWLEDGEMENT	
State of)) s.s.:
County of Karanana	
known, and known by me to be me same pr	, 20 , personally appeared before me Allison D. Ortigosa to me erson(s) described in and who executed the foregoing instrument, and ame, of his (her) own free will for the purpose set forth.
(Seal)	Notary Public
Executed this day of	, 20
William Perry	
ACKNOWLEDGEMENT	
State of)) s.s.:
County of)
On this day of and known by me to be the same person(s) that he (she) executed the same, of his (her	, 20, personally appeared before me William Perry to me known, described in and who executed the foregoing instrument, and acknowledged) own free will for the purpose set forth.
(Seal)	
	Notary Public

Attorney Docket No.: 23636

Executed this day of	, 20
Allison D. Ortigosa	
ACKNOWLEDGEMENT	
State of)
County of) s.s.:)
On this day of known, and known by me to be the sa acknowledged that he (she) executed	, 20, personally appeared before me Allison D. Ortigosa to me me person(s) described in and who executed the foregoing instrument, and the same, of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public
Executed this 28 day of August	
ACKNOWLEDGEMENT	
State of <u>Colorado</u> County of <u>Boulder</u>)) s.s.:)
On this 🎎 day of Aug and known by me to be the same pers that he (she) executed the same, of hi	. 20//, personally appeared before me William Perry to me known on(s) described in and who executed the foregoing instrument, and acknowledge (her) own free will for the purpose set forth.
(Seal) WHITE OF COLORINGS OF COLORINGS OF EXPIRES OF STREET	Notary Public

Executed this <u>Sec</u> day of <u>September 2</u>	ό/∮
Mark C. Sleevi	
ACKNOWLEDGEMENT State of Lologow Do) County of Row West)	s.s.:
On this Stee day of Sankarlas	, 20 <u>/</u> , personally appeared before me Mark C. Sleevi to me known, ribed in and who executed the foregoing instrument, and acknowledged
BRUCE D STAFFORD (Seal) Notary Public State of Colorado Notary ID 20064002944 My Commission Expires Jan 23, 2018	Notary Reposite
Executed this day of , 20)
Luis Sierra	
ACKNOWLEDGEMENT	
State of	s,s.:
On this day of, and known by me to be the same person(s) descrithat he (she) executed the same, of his (her) own	, 20, personally appeared before me Luis Sierra to me known, ibed in and who executed the foregoing instrument, and acknowledged free will for the purpose set forth.
(Seal)	
	Notary Public

Executed this day of	, 20
Mark C. Sleevi	
ACKNOWLEDGEMENT	
State of)) s.s.:)
On this day of and known by me to be the same person(s) de that he (she) executed the same, of his (her) o	, 20, personally appeared before me Mark C. Sleevi to me known, scribed in and who executed the foregoing instrument, and acknowledged wn free will for the purpose set forth.
(Seal)	
	Notary Public
Executed this 27th day of August, Luis Sierra	20/5/
ACKNOWLEDGEMENT	
State of <u>ACUSES</u> County of <u>UDDO</u>)) s.s.:)
On this day of day of and known by me to be the same person(s) det that he (she) executed the same, of his (her) or	, 20//, personally appeared before me Luis Sierra to me known, scribed in and who executed the foregoing instrument, and acknowledged wn free will for the purpose set forth.
(Seal)	Notary Public

JILL M. FILIPPONE NOTATY PUBLIC OF NEW JERSEY My Commission Expires March 11, 2018

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