505305147 01/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5351927

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALIREZA REZANIA	02/09/2012

RECEIVING PARTY DATA

Name:	JANSSEN BIOTECH, INC.	
Street Address:	800/850 RIDGEVIEW DRIVE	
City:	HORSHAM	
State/Country:	PENNSYLVANIA	
Postal Code:	19044	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14831115

CORRESPONDENCE DATA

Fax Number: (503)595-5301

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.

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Email: adrienne.chocholak@klarquist.com
Correspondent Name: KLARQUIST SPARKMAN, LLP

Address Line 1: 121 SW SALMON STREET, SUITE 1600

Address Line 2: ONE WORLD TRADE CENTER
Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	9973-101725-16
NAME OF SUBMITTER:	SUSAN ALPERT SIEGEL
SIGNATURE:	/Susan Alpert Siegel/
DATE SIGNED:	01/30/2019

Total Attachments: 2

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PATENT 505305147 REEL: 048196 FRAME: 0242

ASSIGNMENT

Serial No. Filed

WHEREAS, ALIREZA REZANIA residing at 199 Grandview Road, Skillman, NJ 08558 (hereinafter called "Assignor"), has made certain new and useful inventions or discoveries relating to

DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS INTO SINGLE HORMONAL INSULIN POSITIVE CELLS

for which an application for United States Patent was filed on December 22, 2011; and

WHEREAS, Janssen Biotech, Inc., a corporation of the Commonwealth of Pennsylvania, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

THEREFORE, BEITKNOWN that for and NOW. consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignor has sold, assigned, and transferred, and does hereby sell, assign, and transfer unto said Assignee the entire right, all said inventions and and interest in and to discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made;

And Assignor hereby authorizes and requests the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignor covenants and agrees with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title he warrants unto said Assignee, its successors and assigns;

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And for the consideration aforesaid, Assignor further covenants and agrees that he will, whenever requested, but without cost to him promptly communicate to said Assignee or its representatives any facts known to him relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set their hand and seal this day of , 2012

STATE OF) New Jessey

COUNTY OF) Somesset

BE IT REMEMBERED, That on this 2012, before me, a Notary Public, personally appeared ALIREZA REZANIA who I am satisfied are the persons named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Nayam Viewer 02-09-12 Notary Public

A MARYANN FREULER ARY PUBLIC IF NEW JERSE by Commission Eve

Expreson 02-07-2017

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RECORDED: 01/30/2019