02/13/2017 504224512

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAEDEOK YOO	09/07/2012
THOMAS J. BRADBURY	09/07/2012
JAMES ISKRA	09/07/2012
HENRY L. SURPRENANT	09/07/2012
THOMAS G. WEST	09/07/2012

RECEIVING PARTY DATA

Name:	APRECIA PHARMACEUTICALS COMPANY
Street Address:	2010 CABOT BLVD WEST
Internal Address:	SUITE F
City:	LANGHORNE
State/Country:	PENNSYLVANIA
Postal Code:	19047

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15422969

CORRESPONDENCE DATA

Fax Number: (972)747-7375

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: 9727477373

INNOVARLLC@SBCGLOBAL.NET Email:

Correspondent Name: JOSE R MATOS Address Line 1: P.O. BOX 250647 Address Line 2: INNOVAR, L.L.C.

PLANO, TEXAS 75025-0647 Address Line 4:

ATTORNEY DOCKET NUMBER:	APR-2-CON4
NAME OF SUBMITTER:	JOSE R MATOS
SIGNATURE:	/JOSE R MATOS/
DATE SIGNED:	02/13/2017

PATENT REEL: 041235 FRAME: 0325 504224512

Total Attachments: 4 source=asgn_exec_inv_apr_clean#page1.tif source=asgn_exec_inv_apr_clean#page2.tif source=asgn_exec_inv_apr_clean#page3.tif

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PATENT REEL: 041235 FRAME: 0326

ASSIGNMENT OF PATENT RIGHTS

WHEREAS, I, an undersigned inventor, residing at the address indicated below am a JOINT inventor of the below-listed invention(s) or improvement(s) entitled as indicated for which I have executed application(s) for Letters Patent of the United States of America and/or PCT International Patent Application(s), having the indicated serial number(s) and filing date(s); and

No.	Title	Filing Date MM/DD/YYYY	Serial No.
1.	Three-dimensional Printing System and Equipment Assembly (APR-2-PRV)	09/05/2012	61/696,839

WHEREAS, APRECIA PHARMACEUTICALS COMPANY (Assignee), a company organized and existing under the laws of the State of Delaware, U.S.A. having a place of business at 2010 Cabot Blvd. West, Suite F, Langhorne, PA 19047, is desirous of obtaining the entire right, title and interest in, to and under said inventions and said applications in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for One Dollar (\$1.00) and other good and valuable consideration to each, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives, and assigns, the entire right, title and interest in, to and under said inventions, and said applications, and all provisional, divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues, reexaminations and extensions thereof, and all applications for Letters Patent which may be filed for said inventions in any country or countries foreign to the United States of America, and all Letters Patent, Utility Model, Petty Patent, Design Patent, and Design Registration which may be granted for said inventions in any country or countries foreign to the United States of America, and all divisionals, extensions, renewals, reexaminations and reissues thereof, and I hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said inventions to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to me respecting said inventions, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said inventions in all countries.

IN TESTIMONY WHEREOF, I hereunto	set my hand
Full name of inventor: <u>Jaedeok Yoo</u> Residence: <u>380 State Rd, Princeton, N</u>	J 08540
Date: 07 SEP 2012 MP Common was 1th of PA County: Bucks	Jaedeok Yoo
is subscribed to the foregoing instrument, a	Notary Public in and for the County aforesaid, do hereby sonally known to me to be the same person whose name appeared before me this day in person and acknowledged instrument as her/his free and voluntary act for the uses
IN WITNESS WHEREOF, I have of <u>Sept.</u> , 2012.	hereunto set my hand and Notarial Seal, this day
(SEAL)	Notary Public Commonwealth of Pennsylvania HOTARIAL SEAL SANDRA J. PUGLIESE, NOTARY PUBLIC Middletown Township, Bucks County My Commission Expires May 5, 2015
IN TESTIMONY WHEREOF, I hereunto s	set my hand
Full name of inventor: Thomas J. Bradbury	
Residence: 30 Lower Hilltop Rd, Yardl	ley, PA 19067
Date: <u>07 SEP 2012</u> PCOUNT MEN WAS IN OF PA County: Bucks	Jon J. Bradbury
M. County: Buer 2	
is subscribed to the foregoing instrument, a	Notary Public in and for the County aforesaid, do hereby sonally known to me to be the same person whose name appeared before me this day in person and acknowledged instrument as her/his free and voluntary act for the uses
of, 2012.	hereunto set my hand and Notarial Seal, this
양병류일학 경화는 이 트린 말이다.	Notary Public
(SEAL)	Commonwealth of Pennsylvania NOTARIAL SEAL
###	SANDRA J. PUGLIESE, NOTARY PUBLIC Middletown Township, Bucks County Ny Commission Expires May 5, 2015

Pager 2 of 4

PATENT

	IN TESTIMONY WHEREOF, I hereunto set i	iiy nano	
	Full name of inventor: <u>James Iskra</u> Residence: <u>150 Skipton Place, Somerset, N</u>	VJ 08873	
		Challe Por	
	D 17 Sep 2012	利の機能を対する。 一般の対象を対する。 1987年 - 1988年 -	1 . 1.100
	Date: 07 Sep 2012- Commonwalth of PA	<u>- 10 - 15 10 1</u>	James Askra Vames Iskra
APP	County: Bueks		
	I sandra J. Pughesu a No	tary Public in a	and for the County aforesaid, do hereby
Na.	certify that the above-named inventor, person is subscribed to the foregoing instrument, app that she/he signed and delivered the said instand purposes therein set forth.	ally known to eared before m rument as her/	me to be the same person whose name to be the same person and acknowledged this free and voluntary act for the uses
	in Witness Whereof, I have here of, 2012.	reunto set my l	hand and Notarial Seal, this day
		National Dublic	J. Pughisi
	(SEAL)	Ivotary Public	Commonwealth of Pennsylvania
			NOTARIAL SEAL SANDRA J. PUGLIESE, NOTARY PUBLIC Middletown Township, Bucks County My Commission Expires May 5, 2015
	IN TESTIMONY WHEREOF, I hereunto set	my hand	
	경찰 - 그렇게 하시네다		
	Full name of inventor: Henry L. Surprenant	:11a DA 1044	20
e y	Residence: 30 Summer Hill Lane, Phoenix	VIIIE, FA 1940	00
	Date: 07 Sep 2012		Jung Dung
HP	Date: 07 Sep 2012 Communwaith of PA County: Bucks	And The State of t	Henry L. Surprenant
	I, Sandra J. Rightse, a No certify that the above-named inventor, person is subscribed to the foregoing instrument, app that she/he signed and delivered the said instand purposes therein set forth.	ally known to eared before m	e this day in person and acknowledged
	in WITNESS WHEREOF, I have he seed. , 2012.	reunto set my 1 Savolio	hand and Notarial Seal, this 7th day
		Notary Public	
	(SEAL)	Notary Fubile	Gommonweelth of Pennsylvania NOTARIAL SEAL SANDRA J. PUGLIESE, NOTARY PUBLIC Middletown Township, Bucks County My Commission Expires May 5, 2015
	Pa	ger 3 of 4	그 이미 이미 이미 이 전에 가고 됐습니까. 그는 사람들은

REEL: 041235 FRAME: 0329

IN TESTIMONY WHEREOF, I hereunto set my hand

Full name of inventor: Thomas G. West

Residence: 13135 East Run Drive, Lawrenceville, N	NJ 08648
	b A
Date: Sept. 7, 2012	Thums Godol
Communication of PA	Thomas G. West
SIP County: Buers	

I, Sandro T. Righese, a Notary Public in and for the County aforesaid, do hereby certify that the above-named inventor, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she/he signed and delivered the said instrument as her/his free and voluntary act for the uses and purposes therein set forth.

(SEAL)

Gommonwesith of Pennsylvania
MOTARIAL SEAL
SANDRA J. PUGLIESE, NOTARY PUBLIC
Middletown Township, Bucks County
As Commission Expires May 5, 2015