01/13/2020 505860268

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5907205

SUBMISSION TYPE:	NEW ASSIGNMENT					
NATURE OF CONVEYANCE:	ASSIGNMENT					

CONVEYING PARTY DATA

Name	Execution Date		
ROY LEVITT	12/30/2019		
MARCIA LEVITT	12/30/2019		

RECEIVING PARTY DATA

Name:	ONSPIRA THERAPEUTICS INC.
Street Address:	640 LEE ROAD
Internal Address:	SUITE 110
City:	WAYNE
State/Country:	PENNSYLVANIA
Postal Code:	19087

PROPERTY NUMBERS Total: 11

Property Type	Number
Patent Number:	8940683
Application Number:	14605545
Application Number:	60878385
Application Number:	60907028
Application Number:	60836760
Patent Number:	8637469
Application Number:	14163720
Application Number:	60878397
Application Number:	60907027
Application Number:	60819703
Application Number:	60812874

CORRESPONDENCE DATA

Fax Number:

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: 212-728-8000 Email: ipdept@willkie.com Correspondent Name: KHALIL NOBLES

Address Line 1: 787 SEVENTH AVENUE

PATENT

REEL: 051492 FRAME: 0911 505860268

Address Line 4: NEW	YORK, NEW YORK 10019							
ATTORNEY DOCKET NUMBER:	126013.00001							
NAME OF SUBMITTER:	KHALIL NOBLES							
SIGNATURE:	/Khalil Nobles/							
DATE SIGNED:	01/13/2020							
Total Attachments: 5								
source=Levitt IP Assignment + Copy of	Exhibit A#page1.tif							
source=Levitt IP Assignment + Copy of Exhibit A#page2.tif								
source=Levitt IP Assignment + Copy of Exhibit A#page3.tif								
source=Levitt IP Assignment + Copy of Exhibit A#page4.tif								
source=Levitt IP Assignment + Copy of Exhibit A#page5.tif								

PATENT REEL: 051492 FRAME: 0912

PATENT ASSIGNMENT

December 30, 2019

WHEREAS, the undersigned, Dr. Roy Levitt and Marcia Levitt, each a citizen of the United States, residing at 33 North Shore Drive, Miami Beach, FL 33141 (together, the "Assignors"), are the owners of certain intellectual property relating to the treatment of lung diseases through the use of inhaled Anakinra, including but not limited to Bronchiolitis Obliterans Syndrome and Cystic Fibrosis, among others, for which the Assignors filed certain patent applications, as further described in Exhibit A (the "Levitt IP");

WHEREAS, Onspira Therapeutics, Inc., a Delaware corporation, having a mailing address of 640 Lee Road, Suite 110, Wayne, PA 19087 (the "Assignee"), and the Assignors entered into that certain Exclusive Option Agreement, dated as of April 11, 2017, as amended pursuant to Amendment No. 1 to Exclusive Option Agreement dated as of December 18, 2017, Amendment No. 2 to Exclusive Option Agreement dated as of June 20, 2018, Amendment No. 3 to Exclusive Option Agreement dated as of September 20, 2018, Amendment No. 4 to Exclusive Option Agreement dated May 28, 2019, Amendment No. 5 to Exclusive Option Agreement dated September 20, 2019 and Amendment No. 6 to Exclusive Option Agreement dated December 9, 2019 (collectively, the "Option Agreement"), pursuant to which Assignors granted to Assignee the Option (as defined in the Option Agreement) relating to the purchase of the Levitt IP;

WHEREAS, Assignee desires to acquire the entire right, title and interest in and to the Levitt IP, including the applications for patent and the patents which were or may be granted on or as a result thereof in the United States or in any other country;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby freely acknowledged, and intending to be legally bound, the Assignors have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to Assignee, and Assignee accepts, the entire right, title and interest in and to the Levitt IP, and in and to such applications for patent and any and all continuations, divisions, and renewals of and substitutes for such applications, and in, to and under any and all patents that were or may be granted on or as a result thereof in the United States and in all other countries, and any reissue or reissues or extension or extensions of such patents, the same to be held and enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which such patents respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment, sale and transfer not been made;

Assignors hereby warrant and covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute any agreement in conflict herewith, and further covenant and agree that they will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to the Levitt IP, such applications and such patents in Assignee, its successors, assigns, nominees, or legal representatives, and agree to communicate to Assignee or to its nominee all known facts respecting the Levitt IP, such applications and such patents, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional,

1

continuing, and reissue applications, to make all rightful oaths, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its own benefit proper patent protection for the Levitt IP in the United States and in all other countries; and

Assignors hereby authorize and request the proper governmental authority in the respective country to issue to Assignee the entire right, title and interest, in and to any and all patents for the Levitt IP as set forth on Exhibit A and any and all patents which may be issued and granted on or as a result of the applications as set forth on Exhibit A, in each case, in accordance with the terms of this Patent Assignment.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties hereto have executed this Patent Assignment as of the day and year first above written.

ASSIGNEE:

ONSPIRA THERAPEUTICS, INC.

Byr

Nohac Brida Lortic

Title: Chief Executive Officer

ASSIGNORS:

Dr. Roy Levin

Marcia Levitt

[Signature Page to Patent Assignment]

PATENT REEL: 051492 FRAME: 0915

EXHIBIT A

Levitt IP

***	Matter No.	Electry	ŝæ	C SUS			Application No.		Potent No.	2000 E000	Legic Boto	Racord Owner	Ligação continu Owner
SOCIATION SPENNERS	05/1399/3303	Authoris		435	X8.5.	Northing	2019203030	20,448,43	***************************************	~~~~~~	*************	\$6.80\\&\&	
CALICOLES VIENNAS													RHHI STAM
176/17/02/03/05/		Acatecitis		33.	200	50000	30133509943	20,400,00	\$555500			0x,80y/24##	29 359 2
DESCRIPTION AND ASSESSMENT													Mandaliyati
PRODUCESCARROWS		Accessories:		S \$	552	0.80889	2017203333	\$3,800,07	303330330	33 803 28	\$0,600,27	Dr. Boylows	
\$350000													4000000000
:35-53:30es		Acatte 1			15.12	Association	2002284000	20,806,02				Dr. Boytewa	
		Ennests			****	was a decay.	36.95A.85A	20.0.0.0					Managa sa sa ta
		ewswere.			25.7	85 Ading	2.550,529	33) AUG-07				Dr. Royusan	
		NO SERVICE STATES		30	Q1550	Produce	19204633.6	680824.88				Mr. Marri arris	\$2000000000000000000000000000000000000
		\$60,000,000		856	4.4	505.5865.6 6 6	67669000000	10.308.03				the Soylown	1.75
		Lunging Pan or			823	30 Sound	01838007.3	to semisor	Majodoridos	No 354 Yo	NAN 200 A 100	No. Sections	Maccia towa
		\$300000000			S.A.A.	30.303.00	254,000,000,000,000	20,828,03	2010/00/00/00	end colonolities.	records via	Dr. Raylava	Maria tang
		20043			803	A Service and A	2009-022363	20 Aug 83				de Roydonia	
		******			V. N.N.	(SAMI) CONTRACTOR	******	versiell in				service modely decisions.	Manda mada Manda mada
		Enteres:			200	Morna	PCT/2000/47800	jis gaz em				Or. Boy Conin.	
		\$3.400°4.8.69					, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	40.4140.40				www.comendia.com	Marking to wat
		SHARY											(11)0(, 13)01, 51, 5211.
		toxoust back			883	ನಿಜ್ಞಾತ:	33/373.5/25	50 80 b 09	8.840.883	27.60.23	22 May 30	Di. Savions	XV-859-32
		A860000										The state of the same	Marcia kowin
		Commission of	832		C289	Altowed	\$4/3003,040	26/20/35				Co. Acres Conta	
		America											\$85000 \$ 5556 th
		Visitation of	GX.		60000	ध्याद्यं						Dr. Baytaya	
		Accorda										•	Marke to year
		Cwadamas et	314		****	Crased	50/878.385	\$345-07			\$350 (8)	25.86y W.88	\$1. 8054
		§ 600 (GC2											क्रेक्सक इंक्सक
		Committee	3.5		2000	Classic	25/2011/10/86	36383592			28.4227.00	27.95£408.25£	Dr. Bryte
		8.000 / KQ											Marca Love
		Grand States of	53		990Q	Const	85/8/87/389	30 474 50			10 AUG 07	20, 80/30/04	
********************		300 002		~~~~						and the second s			Marcaleum
eragonadorios Preventorano	2007, 6851,50	\$6555 \$100 DE			36.5	149363	200000000	37 899 CA	200020200	20/2003/32	33 308 33	20. 808 35.42	
2/62/26/26/26/26/ 5-00/64/20/2/26/26/26/2		Cinado			AVV	**********	ANNANAE	A C 2. A. MC				*	*******
PRODUCT MANAGEMENT		296136200			803	Abbadanas	6,500,000,000	\$5.468.00				20. 401.201.44	
CALCALA COMO SA COMO		Full produce Post and			833	Abandasand	Antonesa a	33.33-33					Marca solve
(NH083088		\$200000000			CNO	The second second	40000000000	17.200.00				Q1/3024025	Managara Managarawa
		\$4000000000000000000000000000000000000		88	O.V	A04006300	82800024.2	33.765-00				Or. Skylikova	
		Carecosina		20.50	2	***********	Arrain Service	appropriate sea				3633,77636,3636,36	\$600000 (20 to to to
		P\$4505			X3833	Cotoo	PCT/6:607/11794	5 8 3 6 6 7 88				in include	
		\$6600000000			distant.	********	e abolt statistical arbitraria	W.E. 6567 - 00				***********	Marcia water
		\$500 ph											
		Westerd States and			303	\$2000	13/878.4%	12/300/08	8.630.469	28 88 8 14	26 fon 28	Sir. Ray Land	20.8888
		America							a to constitution as	********	******	man coat to see the	March a Level
		Unixed States and 1	-05		68	Absorbond	\$4/369,720	24/45/34				Dr. Raysaser	
		Amindia											M84C3 36 918
		\$20,000 \$20,000 \$25	32		300	Kicked	59/503350	43355 (8)			4338 X	Secretarion wi	
		ancom.											\$85000 to site.
		500000000000000000000000000000000000000	22		250	\$1000	60(2007,022	33/48/27/07			25 Wat 68	Dr. Foysows:	Str. Assy &
		SON SEE											\$5505000000
		Comparent of	28		480	630403	60/803/3/3	\$1.400,000			23.3% Q2	D6.	Sec. \$69.55
		<u> 446.000</u>				***************************************			****				\$\$\$\$\$\$\$\$\$\$
		United States of	28		53077	VXXX	103311824	32 Jun 05			20 3500 (37	De Boy work	
7868489		5000 FG 2											\$65000 \$1000 to

Copy of Exhibit A

Title	Matter No.	Country	Sub	C-Sub	Туре	Status	Application No.	File Date	Patent No.	Issue Date	Expire Date	Record Owner	Legal/Beneficial Owner
LOCALIZED THERAPY	067389-5001	Australia		03	DIV	Pending	2019203630	10-Aug-07				Dr. Roy Levitt	Dr. Roy &
OF LOWER AIRWAYS													Marcia Levitt
INFLAMMATORY		Australia		01	DIV	Granted	2013270447	10-Aug-07	2013270447			Dr. Roy Levitt	Dr. Roy &
DISORDERS WITH													Marcia Levitt
PROINFLAMMATORY		Australia		02	DIV	Granted	2017200228	10-Aug-07	2017200228	13-Jun-19	10-Aug-27	Dr. Roy Levitt	•
CYTOKINE													Marcia Levitt
INHIBITORS		Australia			PCT	Abandoned	2007284690	10-Aug-07				Dr. Roy Levitt	
													Marcia Levitt
		Canada			PCT	Pending	2,660,519	10-Aug-07				Dr. Roy Levitt	
		_											Marcia Levitt
		European Patent		01	DIV	Pending	19204691.0	10-Aug-07				Dr. Roy Levitt	
		Convention			DOT		07026707.5	40.4 07	2050200	22.0 . 10	40.4 07		Marcia Levitt
		European Patent			PCT	Allowed	07836707.5	10-Aug-07	2068889	23-Oct-19	10-Aug-27	Dr. Roy Levitt	
		Convention			ост	*1	2000 522062	10.4 . 07				0.0.1.10	Marcia Levitt
		Japan			PCT	Abandoned	2009-523863	10-Aug-07				Dr. Roy Levitt	•
		Patent			ORD	Closed	DCT /LICOZ /17000	10 4 07				Dr. Roy Levitt	Marcia Levitt
					OKD	Closed	PCT/US07/17800	10-Aug-07				Dr. Koy Levitt	Marcia Levitt
		Cooperation											Marcia Levitt
		Treaty United States of			PCT	Granted	12/377,027	10-Feb-09	9 040 692	27 Jan 15	22-Mar-30	Dr. Roy Levitt	Dr. Poy P.
		America			rci	Gianteu	12/3/7,02/	10-160-03	0,540,005	27-3411-13	22-IVIA1-30	DI. KOY LEVILL	Marcia Levitt
			01		CON	Allowed	14/605,545	26-Jan-15				Dr. Roy Levitt	
		America	OI		CON	Allowed	14/003,343	20-3411-13				DI. NOY LEVILL	Marcia Levitt
		United States of	വാ		CON	Unfiled						Dr. Roy Levitt	
		America	02		CON	Ollinea						DI. NOY LEVILL	Marcia Levitt
		United States of	P1		PRO	Closed	60/878,385	4-Jan-07			4-Ja n-08	Dr. Roy Levitt	
		America			1110	crosed	00,070,000	1 3411 07			13411 00	Diritoy Levite	Marcia Levitt
		United States of	P2		PRO	Closed	60/907,028	16-Ma r-07			16-Mar-08	Dr. Roy Levitt	
		America					,,						Marcia Levitt
		United States of	PR		PRO	Closed	60/836,760	10-Aug-06			10-Aug-07	Dr. Roy Levitt	
		America					,,					,	Marcia Levitt
RHINOSINUSITIS	067389-5002	Australia			PCT	Lapsed	2007272970	11-Jul-07	2007272970	20-Dec-12	11-Jul-27	Dr. Roy Levitt	Dr. Roy &
PREVENTION AND													Marcia Levitt
THERAPY WITH		Canada			PCT	Abandoned	2,657,581	11-Jul-07				Dr. Roy Levitt	Dr. Roy &
PROINFLAMMATORY													Marcia Levitt
CYTOKINE		European Patent			PCT	Abandoned	07810329.8	11-Jul-07				Dr. Roy Levitt	Dr. Roy &
INHIBITORS		Convention											Marcia Levitt
		European Patent		01	DIV	Abandoned	14190249.4	11-Jul-07				Dr. Roy Levitt	Dr. Roy &
		Convention											Marcia Levitt
		Patent			ORD	Closed	PCT/US07/15784	11-Jul-07				Dr. Roy Levitt	Dr. Roy &
		Cooperation											Marcia Levitt
		Treaty											
		United States of			PCT	Granted	12/373,448	12-Jan-09	8,637,469	28-Jan-14	16-Jun-29	Dr. Roy Levitt	Dr. Roy &
		America											Marcia Levitt
		United States of	01		DIV	Abandoned	14/163,720	24-Jan-14				Dr. Roy Levitt	
		America											Marcia Levitt
		United States of	P1		PRO	Closed	60/878,397	4-Jan-07			4-Ja n-08	Dr. Roy Levitt	•
		America											Marcia Levitt
		United States of	P2		PRO	Closed	60/907,027	16-Ma r-07			16-Mar-08	Dr. Roy Levitt	
		America											Marcia Levitt
		United States of	PR		PRO	Closed	60/819,703	11-Jul-06			11-Jul-07	Dr. Roy Levitt	•
		America											Marcia Levitt
RHINOSINUSITIS	067389-5003	United States of	PR		PRO	Closed	60/812,874	12-Jun-06			12-Jun-07	Dr. Roy Levitt	
THERAPY		America											Marcia Levitt

14

\\NY - 758223/000001 - 9929198 v7

RECORDED: 01/13/2020