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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5904314

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEKSANDAR FILIP RADOVIC-MORENO	06/21/2016
CHRISTOPHER C. MADER	04/09/2016
SUBBARAO NALLAGATLA	07/21/2016
WAREFTA HASAN	05/03/2016
AARON LOVE	03/22/2016
SERGEI GRYAZNOV	03/15/2016

RECEIVING PARTY DATA

Name:	EXICURE, INC.
Street Address:	8045 LAMON AVENUE, SUITE 410
City:	SKOKIE
State/Country:	ILLINOIS
Postal Code:	60077-5318

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15980428

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: 617-646-8000

Email: janet.oconnor@wolfgreenfield.com **Correspondent Name:** WOLF GREENFIELD & SACKS, P.C.

Address Line 1: 600 ATLANTIC AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	A1107.70000US02
NAME OF SUBMITTER:	DIANA L. BORGAS
SIGNATURE:	/Diana L. Borgas/
DATE SIGNED:	01/10/2020

Total Attachments: 7

PATENT REEL: 051474 FRAME: 0533

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PATENT REEL: 051474 FRAME: 0534

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Exicure, Inc., having a place of business at 8045 Lamon Avenue; Suite 410: Skokie, Illinois 60077-5318, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in in the application for United States Letters Patent filed in the United States Patent and Trademark Office on January 25, 2016 under No. 14/907,430, bearing Attorney Docket No. A1107.70000US01, and entitled SPHERICAL NUCLEIC ACID-BASED CONSTRUCTS AS IMMUNOSTIMULATORY AGENTS FOR PROPHYLACTIC AND THERAPEUTIC USE, and the international PCT application filed in the Receiving Office of the United States Patent and Trademark Office on July 25, 2014 under No. PCT/US2014/048291, bearing Attorney Docket No. A1107.70000WO00, and entitled SPHERICAL NUCLEIC ACID-BASED CONSTRUCTS AS IMMUNOSTIMULATORY AGENTS FOR PROPHYLACTIC AND THERAPEUTIC USE, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters patent and foreign patent:
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. A1107.70000WO00

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PATENT REEL: 051474 FRAME: 0535

6/21/2016		Alrix
Date	inventor:	Aleksandar Filip Radovic-Moreno
	Address:	1055 Crabapple Drive
		State College, Pennsylvania 16801
		UNITED STATES OF AMERICA
	Citízenship:	US
STATE/COMMONWEALTH OF COUNTY OF SUPPOIK	Massachus	etts
	Filip Radovic-Morent	before me, the undersigned notary public, proved to me through satisfactory evidence of
	VCr's U/CNS	C. document in my presence and swore or affirmed
		accurate to the best of (his) (her) knowledge
		ed it voluntarily for its stated purpose.
SEAL SULL	A. (. U. Notary Public	manusaministra.
My commission expires:	127120	SACH SACE

Attorney Docket No. A1107.70000WO00

Page 2 of 7

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9/9/16	
Date Inventor:	Christopher C. Mader
Address:	223 Concord Turnpike, #413
	Cambridge, Massachusetts 02140
	UNITED STATES OF AMERICA
Citizenship:	US
personally appeared Christopher C. Mader	on before me, the undersigned notary public, one of the playment, document in my presence and swore of affirmed.
to me that the contents of the document are truthful and	
and belief and acknowledged to me that (he) (she) signed	ed it voluntarily for its stated purpose.
SEAL Lucia Rotary Public	SUSAN D RICHARDS
My commission expires: 942/30/9	Official Seal Notary Public - State of Illinois My Commission Expires Sep 22, 2019
	Apolitical throughout the although a discourse of the strengt

Address:	8045 Lamon Avenue
	Suite 410
	Skokie, Illinois 60077-5318
	UNITED STATES OF AMERICA
Citizenship:	US
	w.
STATE/COMMONWEALTH OF Allenae	the state of the s
COUNTY OF Cook :	······································
On this 21 day of July, 30,	, before me, the undersigned notary public,
personally appeared Subbarao Nallagatia	, proved to me through satisfactory evidence of
to be the person who signed the preceding or attached of	letge de Co-worker.
to be the person who signed the preceding or attached of	document in my presence and swore or affirmed
to me that the contents of the document are truthful and	accurate to the best of (his) (her) knowledge
and belief and acknowledged towns that (be) (che) signs	dit voluntarily for its stated purpose.
SUSAN D RICHARDS	
Official Seal	
Notary Public - State of Illinois SEAL Wy Commission Expires Sep 22, 2	
Notary Public	
My commission expires: Augt 22, 20/	9

Inventor: Subbarao Nallagatla

July 21, 2016

5/3/2016	WarePta Hasan
Date Inventor:	Warefta Hasan
Address:	8045 Lamon Avenue
	Suite 410
	Skokie, Illinois 60077-5318
	UNITED STATES OF AMERICA
Citizenship:	India
STATE/OOMMONWEALTH OF TRACE	
COUNTY OF HOUY IS	
personally appeared Warefta Hasan	/c , before me, the undersigned notary public, , proved to me through satisfactory evidence of
identification, which were Texas Dyivers (icense
to be the person who signed the preceding or attached to me that the contents of the document are truthful and	
and belief and acknowledged to me that (he) (she) sign	
(((((((((((((((((((("Managaman
SEAL OUNTE HO	
My commission expires: August 02	2016

March 22, 2016

Inventor: Aaron Love

Address: 8045 Lamon Avenue

Suite 410

Skokie, Illinois 60077-5318

UNITED STATES OF AMERICA

Citizenship:

	William I	
personally appeared	day of <u>March</u> , Aaron Love	2016, before me, the undersigned notary public, proved to me through satisfactory evidence of
to be the person who sign to me that the contents	gned the preceding or attact of the document are truthful	hed document in my presence and swore or affirmed and accurate to the best of (his) (her) knowledge signed it voluntarily for its stated purpose.

SEAL

My commission expires:

BERNADETTE D: VALENTIN Notary Public

Commonwealth of Massachusetts My Commission Expires June 30, 2017

Address:	138 W. Bellevue Avenue
	San Mateo, California 94402
	UNITED STATES OF AMERICA
Citizenship:	US
STATE/COMMONWEALTH OF	ia 1
COUNTY OF COUNTY OF :	
On this 15 day of March , 201	, before me, the undersigned notary public
personally appeared Sergei Gryaznov	, proved to me through satisfactory evidence
identification, which were personal de	rouplefue of intipipual
to be the person who signed the preceding or attached of	document in my presence and swore or affirms
to me that the contents of the document are truthful and	accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed	ed it voluntarily for its stated purpose.
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Inventor: Sergei Gryaznov

Seezei Cafacuar

Attorney Docket No. A1107.70000WO00

RECORDED: 01/10/2020

My commission expires:

March 15, 2016

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SEAL

PATENT REEL: 051474 FRAME: 0541

SUSAN O RICHARDS Official Seel