506303808 10/14/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6350557

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RISHI ARORA	06/28/2019

## **RECEIVING PARTY DATA**

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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16752406

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ATTORNEY DOCKET NUMBER:	NWEST-35638.203
NAME OF SUBMITTER:	DAVID W. STAPLE
SIGNATURE:	/David W. Staple/
DATE SIGNED:	10/14/2020

#### **Total Attachments: 3**

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PATENT 506303808 REEL: 054057 FRAME: 0396

Attorney Docket No. NWEST-35638/US-1/PRO NU Reference No. 2018-010-01

### ASSIGNMENT

U.S. Serial No: 62/621,226

Filing Date: January 24, 2018

Inventor: Rishi Arora

Title of U.S. Patent Application: GENE THERAPY TREATMENT OF ATRIAL.

PIRBRILLATION

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For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, the undersigned hereby assigns to Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208 and its successors and assigns ("Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the application listed above, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

The undersigned states that the application listed above is or was made or authorized to be made by him or her. The undersigned believes himself or herself to be the original inventor of a claimed invention in the application listed above. The undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, the undersigned warrants that: (i) he or she is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned.

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Upon the request of Assignee and at no expense to the undersigned, the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

### Undersigned (ASSIGNOR):

As and	6/24/19
Inventor Name: Riski Arora	DATE
State of /LLINO	
County of COOK 38.	
County and State atoresaid, appear subscribed to the foregoing instrume	before me, a Notary Public in and for the red, to me personally known to be the same person whose name is not, and acknowledged that he or she executed said instrument as his on the case and purposes therein expressed.
	NOTARY PUBLIC AND A STATE OF THE STATE OF TH
(NOTARY SEAL)	My Commission Expires: 名// 5人

Official Seal Muriel J Hendy Notary Public, State of Illinois My Commission Expires 08/15/2020 (Continued on next page)

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PATENT REEL: 054057 FRAME: 0398

## Attorney Docket No. NWEST-35638/US-1/PRO NU Reference No. 2018-010-01

U.S. Serial No: 62/621,226
Filing Date: January 24, 2018
Inventor: Rishi Arers

Title of U.S. Patent Application: GENE THERAPY TREATMENT OF ATRIAL FIRBRILLATION

### ASSIGNEE ACCEPTANCE: Northwestern University:

On behalf of Northwestern University, Assignee, the authorized signatory below, hereby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by this Assignment.

Authorized Signature: 3/1/2/19 Date: 7/1/2/19

Printed Name Lolita Buckingham, Invention Specialist or

Heather Fletcher, Manager of INVO Docketing & Compliance

Department: Innovation and New Ventures Office (INVO)

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