505489786 05/22/2019

# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5536590

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JAYANTH PANYAM	06/10/2013
TANMOY SADHUKHA	06/10/2013
AMEYA KIRTANE	06/10/2013

## **RECEIVING PARTY DATA**

Name:	REGENTS OF THE UNIVERSITY OF MINNESOTA
Street Address:	1000 WESTGATE DRIVE
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City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55114-8658

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

Property Type	Number
Application Number:	15841145

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	09531.338US2	
NAME OF SUBMITTER:	ASHLEY PALBICKI	
SIGNATURE:	/Ashley Palbicki/	
DATE SIGNED:	05/22/2019	

**Total Attachments: 4** 

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PATENT REEL: 049259 FRAME: 0461

#### ASSIGNMENT

WHEREAS, We, <u>Jayanth Panyam</u>, <u>Tanmoy Sadhukha and Ameya Kirtane</u>, made certain new and useful inventions and improvements for which we filed a patent application in the United States on <u>January 13, 2013</u>, which application was assigned U.S. Patent Application Serial Number <u>13/755,746</u>.

AND WHEREAS, <u>REGENTS OF THE UNIVERSITY OF MINNESOTA</u>, a university having an office and place of business at <u>1000 Westgate Drive</u>, <u>Suite 160</u>, <u>St. Paul</u>, <u>Minnesota 55114-8658</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby sell, assign, transfer and set over unto said Assignee, including its successors and assigns, our entire right, title and interest to all inventions disclosed in the aforesaid application(s), including all rights to claim priority therefrom, and to any and all present or future patent applications to such inventions filed in the United States or any other country or region, inclusive of, but not limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions, reexaminations, reissues, provisional patent applications, applications filed under the Patent Cooperation Treaty, certificates of addition, utility models, and petty patents, as well as all other intellectual property related to the applications, inclusive of, but not limited to, supplementary protection certificates, and to any and all Letters Patents and any related patent term extensions that may be granted for said Letters Patents with respect to the applications; all of the above to be held by Assignee as fully and entirely as the same would have been held by us had this Assignment not been made.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us

PATENT REEL: 049259 FRAME: 0462 relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have	hereunto set my hand this 10th day of
JUNE 2013.	المسيال
Tours	th Danson
<u>Jayar</u>	nth Panyam
state of MINNESOTA )	
ı )ss	
COUNTY OF HENNEPIN	
On this 10th day of Tune	_, 2013 before me personally appeared <u>Jayanth</u>
Panyam to me known and known to me to be the p	erson described in and who executed the foregoing
instrument, and he/she duly acknowledged to me that	he/she executed the same for the uses and purposes
therein set forth.	
[SEAL] CYNTHIA H. SINGLETON Notary Public-Minnesota My Commission Expires Jan 31, 2015	Cylchia Lingleton Notary Public

VHP Ref.: 09531.338US1/U of M Ref: 20120116 IN TESTIMONY WHEREOF, I have hereunto set my hand this 1040 day of STATE OF MINNESOTA On this loth day of JUNE, 2013 before me personally appeared Tanmoy Sadhukha to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth. [SEAL] IN TESTIMONY WHEREOF, I have hereunto set my hand this 10th day of STATE OF MINNESOTA COUNTY OF HENNEPIN On this of June, 2013 before me personally appeared Ameya Kirtane to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth. [SEAL]

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ASSIGNEE:

WE AGREE TO AND ACCEPT THE ATTACHED ASSIGNMENT DOCUMENT ON THIS 26 DAY OF JUNE

REGENTS OF THE UNIVERSITY OF MINNESOTA

MAME: RICHARD J. Huebrach

TITLE: Associate Ornector

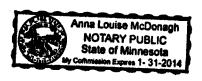
STATE OF MINNESOTA ) SS.

**COUNTY OF RAMSEY** 

BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, PERSONALLY APPEARED FIRE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 26 DAY OF

(SEAL)



**PATENT REEL: 049259 FRAME: 0465** 

RECORDED: 05/22/2019