504722564 01/10/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CURTIS L. JOHNSON	11/01/2017
BRADLEY P. SUTTON	10/17/2017
JOSEPH L. HOLTROP	12/15/2017

RECEIVING PARTY DATA

Name:	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
Street Address:	352 HENRY ADMINISTRATION BUILDING
Internal Address:	506 SOUTH WRIGHT STREET
City:	URBANA
State/Country:	ILLINOIS
Postal Code:	61801

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15787462

CORRESPONDENCE DATA

Fax Number: (847)510-0710

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.

Email:DOCKETING@GGIP.COMCorrespondent Name:GUNTIN & GUST, PLCAddress Line 1:304 INDIAN TRACE #750Address Line 4:WESTON, FLORIDA 33326

ATTORNEY DOCKET NUMBER:	9375-0049
NAME OF SUBMITTER:	ERIK BOYD
SIGNATURE:	/Erik Boyd/
DATE SIGNED:	01/10/2018

Total Attachments: 4

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PATENT 504722564 REEL: 044584 FRAME: 0624

ASSIGNMENT

WHEREAS, THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a corporation organized and existing under and by virtue of the laws of the State of Illinois, having a place of business at 352 Henry Administration Building, 506 South Wright Street, Urbana, IL 61801, hereinafter called the "Assignee", desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt of which by the Assignor(s) from the Assignee is hereby acknowledged, the Assignor(s) have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents.

AND said Assignor(s) hereby covenant and agree, for both the Assignor(s) and the Assignor(s)' legal representatives, that the Assignor(s) will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor(s) will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignor(s) authorize the Assignee, any agent of the Assignee, and any attorney of the Assignee to fill in the U.S. Application Serial No. above, and any further identification information, if required.

AND said Assignor(s) authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on all divisions and continuations thereof, to said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

This Assignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignor(s), on the date(s) listed below.

Curtis L. Johnson	11/1/2017 Date
STATE OF Delaware COUNTY OF New Castle) SS
The foregoing instrument was sworn to and 2017 by Curtis L. Johnson, who is:	subscribed before me this 1st day of November,
personally known to me; produced identification; i	or dentification type: Delaware Drivino Fanse #
	Notary Signature Print, type or stamp name of notary
	NOTAN STATE

Agridher C. hut 10/17/17
Bradley P. Sutton Date
STATE OF Thors ss
COUNTY OF Champaisa
The foregoing instrument was sworn to and subscribed before me this 17 day of October, 2017 by Bradley P. Sutton, who is:
personally known to me; or
produced identification; identification type:
Notary Signature Print, type or stamp name of notary
OFFICIAL SEAL TRACY A HUNTER Notary Public - State of Illinois My Commission Expires Jul 29, 2018

Depul 1602 12/15/2017	
Joseph L. Holtrop Date	
STATE OF THINDIS)SS COUNTY OF Champaisn	
The foregoing instrument was sworn to and subscribed before me this 15th day of <u>December</u> , 2017 by Joseph L. Holtrop, who is:	
personally known to me; or	
produced identification; identification type: Drivers License	
Leaufy, Anty	
Notary Signature O Print, type or stamp name of notary	

OFFICIAL SEAL TRACY A HUNTER Notary Public - State of Illinois My Commission Expires Jul 29, 2018