

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4237615

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BRYAN G. ALLEN	10/16/2015
	DOUGLAS R. SPITZ	11/09/2015
	GARRY R. BUETTNER	11/09/2015
	JOSEPH CULLEN	11/09/2015
	JOSHUA SCHOENFELD	11/09/2015
	MICHAEL SCHULTZ	11/09/2015
RECEIVING PARTY DATA		
Name:	UNIVERSITY OF IOWA RESEARCH FOUNDATION	
Street Address:	112 NORTH CAPITOL STREET	
Internal Address:	6 GILMORE HALL	
City:	IOWA CITY	
State/Country:	IOWA	
Postal Code:	52242-5500	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15291833
CORRESPONDENCE DATA		
Fax Number:	(952)876-4098	
<i>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.</i>		
Phone:	952-876-4097	
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Correspondent Name:	LYNDA MAU	
Address Line 1:	7851 METRO PARKWAY	
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Address Line 4:	BLOOMINGTON, MINNESOTA 55425	
ATTORNEY DOCKET NUMBER:	17023.175US1	
NAME OF SUBMITTER:	YANG LI	
SIGNATURE:	/Yang Li/	
DATE SIGNED:	01/23/2017	

PATENT

Total Attachments: 9

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ASSIGNMENT

WHEREAS, I/we, (each referred to as "Assignor")

BRYAN G. ALLEN
DOUGLAS R. SPITZ
GARRY R. BUETTNER
JOSEPH CULLEN
JOSHUA SCHOENFELD
MICHAEL SCHULTZ

made certain new and useful inventions and improvements for which I/we filed the following patent application(s)

COUNTRY	SERIAL NUMBER	FILING DATE
US	62/240,372	OCTOBER 12, 2015

AND WHEREAS, UNIVERSITY OF IOWA RESEARCH FOUNDATION, having an office and place of business at 112 N. CAPITOL STREET, IOWA CITY, IA 52242-5500 (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 is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I/we hereby sell, assign, transfer and set over unto said Assignee, including its successors and assigns, my/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 me had this Assignment not been made.

AND, for the consideration aforesaid, I/we do hereby agree that I/we and my/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 me 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, I/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 me/us and that full right to convey the same as herein expressed is possessed by me/us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of
October, 2015.

Bryan G. Allen
BRYAN G. ALLEN

STATE OF Iowa)
)SS
COUNTY OF Johnson)

On this 16th day of October, 2015 before me personally appeared BRYAN G. ALLEN 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]



Kelly M. Blowers
Notary Public

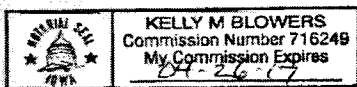
IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of November, 2015.

Douglas R. Spitz
DOUGLAS R. SPITZ

STATE OF Iowa)
)SS
COUNTY OF Johnson)

On this 9th day of November, 2015 before me personally appeared DOUGLAS R. SPITZ 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]



Kelly M. Blowers
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of November, 2015.

Garry R. Buettner
GARRY R. BUETTNER

STATE OF Iowa)
)SS
COUNTY OF Johnson)

On this 9th day of November, 2015 before me personally appeared GARRY R. BUETTNER 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]



Kelly M. Blowers
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of November, 2015.

Joseph Cullen
JOSEPH CULLEN

STATE OF Iowa)
)SS
COUNTY OF Johnson)

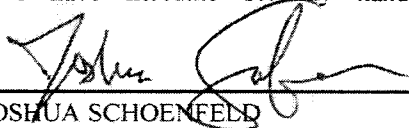
On this 9th day of November, 2015 before me personally appeared JOSEPH CULLEN to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Kelly M. Blowers
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of
November, 2015.

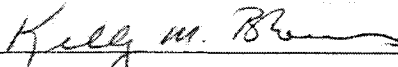

JOSHUA SCHOENFELD

STATE OF Iowa)
)SS
COUNTY OF Johnson)

On this 9th day of November, 2015 before me personally appeared JOSHUA SCHOENFELD 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]




Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of
November, 2015.

Michael Schultz
MICHAEL SCHULTZ

STATE OF Iowa)

)SS

COUNTY OF Johnson)

On this 9th day of November, 2015 before me personally appeared MICHAEL SCHULTZ 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]



Kelly M. Blowers
Notary Public

We agree to and accept the attached assignment document on this 11 day of November, 2015.

UNIVERSITY OF IOWA RESEARCH FOUNDATION

SIGNATURE: [Signature]

NAME: ZEV SUNLEAF

TITLE: EXECUTIVE DIRECTOR

STATE OF Iowa)
)SS
COUNTY OF Johnson)

Before me, a notary public in and for said county and state, personally appeared Zev Sunleaf, known to me to be the 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 11 day of November, 2015.

[SEAL]

Tyann D Porep
Notary Public

