504741716 01/23/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4788444

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JANE SPRIGG	01/22/2018
IAN TOLFREE	01/22/2018
YANHUA SHIH	01/22/2018

RECEIVING PARTY DATA

Name:	UNIVERSITY OF MARYLAND BALTIMORE COUNTY
Street Address:	1000 HILLTOP CIRCLE
City:	BALTIMORE
State/Country:	MARYLAND
Postal Code:	21250

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15449756

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.

Email: todd@juneaupartners.com

Correspondent Name: TODD JUNEAU

Address Line 1: 1727 KING STREET SUITE 300
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	UMBC-2682YS-2
NAME OF SUBMITTER:	TODD JUNEAU
SIGNATURE:	/Todd L. Juneau/
DATE SIGNED:	01/23/2018

Total Attachments: 2

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PATENT REEL: 044699 FRAME: 0264

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION given to NAME OF ASSIGNOR: Jane Sprigg NAME OF ASSIGNOR: Ian Tolfree NAME OF ASSIGNOR: Yanhua Shih who is/are Individual(s) hereinafter referred to as the ASSIGNOR(S), and who is the owner, or joint owner if multiple, of the entire right, title, and interest in the inventive subject matter described in: TITLE OF APPLICATION OR INVENTION: High Resolution Turbulence Free Imaging for which we have filed one or more applications for Letters Patent in the United States Patent and Trademark Office identified as UNITED STATES PATENT APPLICATION NUMBER: 15/449,756 And whereas. **ASSIGNEE: University of Maryland Baltimore County** which is a [] corporation [X] university [] other: , organized and existing under the laws of ORG. JURISDICTION: Baltimore, Maryland hereinafter referred to as the ASSIGNEE, is desirous of acquiring hereinafter the entire right, title and interest for the United States and elsewhere throughout the world in and to said inventive subject matter, applications, and patents, including any and all provisionals, divisions and continuations thereof, and any and all Letters Patent that may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof. That for and in consideration of good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR(S) hereby assign, sell and transfer to said ASSIGNEE, their assigns and legal representatives, the entire exclusive right, title and interest in and to said inventive subject matter, applications, and patents, for the United States and elsewhere throughout the world including any and all divisions, and continuations thereof, including the right to claim priority and benefit, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and their assigns and legal representatives to have, hold, exercise and enjoy the said inventive subject matter, applications, and patents, including any and all provisional, divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and their assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR(S) might or could have held and enjoyed the same, if this assignment has not been made. AND said ASSIGNOR(S) hereby agree to execute all papers necessary to file, maintain, and enforce applications and patents in the United States and elsewhere throughout the world for said inventive subject matter and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing, maintenance, securing, or enforcement of said application(s) and Letters Patent thereon. AND said ASSIGNOR(S) authorize and request the Commissioner of Patents to issue a Letters Patent on said application(s), and on any and all divisions and continuations thereof, and to issue any other necessary documents, registrations, certificates, and extensions, including any and all renewals, reissues, reexaminations, and prolongations thereof, to said ASSIGNEE, their assigns and legal representatives, in accordance herewith. SIGNATURE OF ASSIGNOR(S) //22/18 (DATE) Name: Jane Sprigg

By:

Name:

Yanhua Shih

PATENT REEL: 044699 FRAME: 0265

(DATE)

ASSIGNMENT

POR GOOD AND VALUABLE CONSIDERATION gives to

NAME OF ASSIGNOR: Jane Sprigg NAME OF ASSIGNOR: Ian Tolfree NAME OF ASSIGNOR: Yauhua Shih

who is/are individual(s) hereinafter referred to as the ASSIGNOB(S), and who is the owner, or joint owner if multiple, of the entire right, title, and interest in the inventive subject matter described in:

TITLE OF APPLICATION OR INVENTION: High Resolution Turbulence Free Imaging

for which we have filed one or more applications for Letters Patent in the United States Patent and Trademark Office identified as

UNITED STATES PATENT APPLICATION NUMBER: 18/449,756

And whereas,

ASSIGNEE: University of Maryland Baltimore County

which is a [] corporation [X] university [] others

organized and existing under the laws of

ORG. JURISHICTION: Baltimore, Maryland hereinafter referred to as the ASSIGNEE, is desirous of acquiring hereinafter the entire right, title and interest for the United States and elsewhere throughout the world in and to said inventive subject matter, applications, and patents, including any and all provisionals, divisions and confinuations thereof, and any and all Letters Patent that may be granted thereon, including any and all renewals, reissues, reexaminations, and protongations thereof.

That for and in consideration of good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR(5) hereby assign, sell and transfer to said ASSIGNEE, their assigns and legal representatives, the entire exclusive right, title and interest in and to said inventive subject matter, applications, and potents, for the United States and elsewhere throughout the world including any and all divisions, and continuations thereof, including the right to claim priority and benefit, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and their assigns and logal representatives to have, hold, exercise and enjoy the said inventive subject matter, applications, and patents, including any and all provisional, divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when genited, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and their assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR(5) might or could have held and enjoyed the same, if this assignment has not been made.

AND said ASSIGNOR(S) hereby agree to execute all papers necessary to file, maintain, and enforce applications and patents in the United States and elsewhere throughout the world for said inventive subject matter and to assign the same to said ASSIGNEE, or any assignce acquiring title to said invention, and to execute any other papers that may be needed in connection with filing, maintenance, securing, or suffreement of said application(s) and Letters Patent thereon.

AND said ASSIGNOR(S) authorize and request the Commissioner of Patents to issue a Letters Patent on said application(s), and on any and all divisions and communitions thereof, and to issue any other necessary documents. registrations, certificates, and extensions, including any and all renewals, reissues, reexaminations, and prolongations thereof, to said ASSIGNEE, their assigns and legal representatives, in accordance herewith.

SIGNATURE OF ASSIGNOB(S)

RECORDED: 01/23/2018

Ву:	(DATE)
Name: Jane Sprigg	· ,
8y:	(DATE)
Name: Inn Tolfree	
By: <u>Qwww AWG</u> Name: Yanhua Shih	1 <u>/22/2018</u> @ATE
Name: Yanhua Shih	

PATENT REEL: 044699 FRAME: 0266