

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4940237

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE: TRUSTEE OF BOSTON UNIVERSITY previously recorded on Reel 038864 Frame 0038. Assignor(s) hereby confirms the ASSIGNEE: BOSTON UNIVERSITY.
CONVEYING PARTY DATA	
Name	Execution Date
BENNETT B. GOLDBERG	09/17/2017
THOMAS BIFANO	09/14/2017
WILLIAM SHAIN	04/20/2018
HARI PRASAD PAUDEL	03/26/2018
RECEIVING PARTY DATA	
Name:	TRUSTEES OF BOSTON UNIVERSITY
Street Address:	ONE SILBER WAY
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02215
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15061056
CORRESPONDENCE DATA	
Fax Number:	
<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:	713-223-2300
Email:	docketing@bracewell.com
Correspondent Name:	BRACEWELL LLP
Address Line 1:	P.O. BOX 61389
Address Line 4:	HOUSTON, TEXAS 77208-1389
ATTORNEY DOCKET NUMBER:	0004160.010034 (ASC0034)
NAME OF SUBMITTER:	ESMERALDA MENDOZA
SIGNATURE:	/Ryan B. McBeth/
DATE SIGNED:	05/01/2018
Total Attachments: 16	
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PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BENNETT B. GOLDBERG	05/02/2016
THOMAS BIFANO	05/13/2016
WILLIAM SHAIN	03/09/2016
HARI PRASAD PAUDEL	03/06/2016
RECEIVING PARTY DATA	
Name:	BOSTON UNIVERSITY TRUSTEES OF BOSTON UNIVERSITY
Street Address:	85 E. NEWTON STREET
Internal Address:	M-921
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02118
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15061056
CORRESPONDENCE DATA	
Fax Number:	
Email:	docketing@bgllp.com
<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>	
Correspondent Name:	BRACEWELL LLP
Address Line 1:	711 LOUISIANA STREET
Address Line 2:	SUITE 2300
Address Line 4:	HOUSTON, TEXAS 77002
ATTORNEY DOCKET NUMBER:	004160.010034
NAME OF SUBMITTER:	BRENDAN N. MCCOMMAS
Signature:	/Brendan N. McCommas/

PATENT

Date:	06/09/2016
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Total Attachments: 5

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RECEIPT INFORMATION

EPAS ID: PAT3911302

Receipt Date: 06/09/2016

PATENT

CORRECTED ASSIGNMENT

WHEREAS, We, Bennett B. GOLDBERG, a citizen of US, Thomas BIFANO, a citizen of US, William SHAIN, a citizen of US, and Hari Prasad PAUDEL, a citizen of Nepal, are co-inventors of Adaptive Multi-Photon Imaging of Subsurface Nanoparticle Flow in Porous Rock for which a provisional application for United States Letters Patent was filed on March 4, 2015 and assigned Serial No. 62/128,302; and for which a non-provisional application for United States Letters Patent was filed March 4, 2016, as Serial No. 15/061,056; and

WHEREAS, TRUSTEES OF BOSTON UNIVERSITY, with a business address of One Silber Way, Boston, MA 02215, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

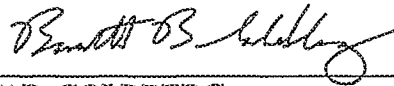
NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by TRUSTEES OF BOSTON UNIVERSITY and for other good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to TRUSTEES OF BOSTON UNIVERSITY, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, reexaminations and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by them for their own use and benefit, and for the use and benefit of their successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted, reexamined or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to TRUSTEES OF BOSTON UNIVERSITY, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to TRUSTEES OF BOSTON UNIVERSITY, its successors, assigns, or other legal representatives and that if TRUSTEES OF BOSTON UNIVERSITY shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

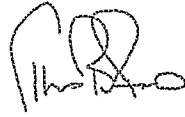
And we do further covenant and agree that we will, at any time upon request, communicate to TRUSTEES OF BOSTON UNIVERSITY, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS 17 day of September, 2017.



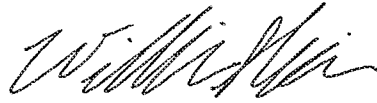
Bennett B. GOLDBERG

EXECUTED THIS 14 day of September, 2017.

A handwritten signature in black ink, appearing to read 'T. Bifano', written in a cursive style.

Thomas BIFANO

EXECUTED THIS 20th day of APRIL, ~~2017~~ 2018



William SHAIN

EXECUTED THIS 26 day of March, 2018



Hari Prasad PAUDEL

ASSIGNMENT

WHEREAS, We, **Bennett B. GOLDBERG**, a citizen of US, **Thomas BIFANO**, a citizen of US, **William SHAIN**, a citizen of US, and **Hari Prasad PAUDEL**, a citizen of Nepal, are co-inventors of **Adaptive Multi-Photon Imaging of Subsurface Nanoparticle Flow in Porous Rock** for which a provisional application for United States Letters Patent was filed on **March 4, 2015** and assigned Serial No. **62/128,302**, and for which a non-provisional application for United States Letters Patent was filed **March 4, 2016**, as Serial No. **15/061,056**; and

WHEREAS, BOSTON UNIVERSITY, with a business address of 85 E. Newton Street, M-921, Boston, MA 02118, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by BOSTON UNIVERSITY and for other good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to BOSTON UNIVERSITY, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, reexaminations and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by them for their own use and benefit, and for the use and benefit of their successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted, reexamined or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to BOSTON UNIVERSITY, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

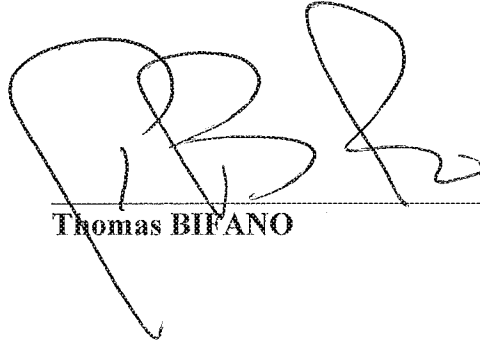
And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to BOSTON UNIVERSITY, its successors, assigns, or other legal representatives and that if BOSTON UNIVERSITY shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to BOSTON UNIVERSITY, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS 2nd day of May, 2016.


Bennett B. GOLDBERG

EXECUTED THIS 13 day of MAY, 2016.



A handwritten signature in black ink, appearing to read 'TBIFANO', is written over a horizontal line. The signature is stylized and cursive.

Thomas BIFANO

EXECUTED THIS 9 day of March, 2016.



William SHAIN

EXECUTED THIS 6th day of March, 2016.



Hari Prasad PAUDEL

#5050985