PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5007204

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW C. PUTMAN	06/05/2018
VADIM PINSKIY	06/05/2018
JAMES WILLIAMS	06/05/2018
DAMAS LIMOGE	06/05/2018
ASWIN RAGHAV NIRMALESWARAN	06/05/2018
MARIO CHRIS	06/05/2018

RECEIVING PARTY DATA

Name:	NANOTRONICS IMAGING, INC.	
Street Address:	2251 FRONT STREET	
Internal Address:	SUITE 110	
City:	CUYAHOGA FALLS	
State/Country:	OHIO	
Postal Code:	44223	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15943442

CORRESPONDENCE DATA

Fax Number: (212)931-8521

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.

Phone: 2125098800

Email: info@byrnepoh.com
Correspondent Name: MATTHEW T. BYRNE
Address Line 1: 11 BROADWAY

Address Line 2: SUITE 760

Address Line 4: NEW YORK, NEW YORK 10004

ATTORNEY DOCKET NUMBER: 1401200.124-US1

NAME OF SUBMITTER: MATTHEW T. BYRNE

SIGNATURE: /Matthew T Byrne/

DATE SIGNED: 06/14/2018

504960457 PATENT REEL: 046090 FRAME: 0013

Total Attachments: 3

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PATENT REEL: 046090 FRAME: 0014 App. No.: 15/943,442 Filed: 04/02/2018

CONFIRMATORY ASSIGNMENT

WHEREAS, we, the undersigned (collectively "the Assignors"), are the inventors of a certain new and useful invention and discovery entitled "SYSTEMS, METHODS, AND MEDIA FOR ARTIFICIAL INTELLIGENCE FEEDBACK CONTROL IN ADDITIVE MANUFACTURING" ("the Invention") for which a patent application was filed with the United States Patent and Trademark Office on 04/02/2018 as U.S. Patent Application Number 15/943,442 ("the Application").

WHEREAS, Nanotronics Imaging, Inc., existing under the laws of the State of Delaware, having its principal office at 2251 Front Street, Suite 110, Cuyahoga Falls, OH 44223, which together with its successors and assigns (collectively "the Assignee") is desirous of confirming that it has acquired the title, rights, benefits, and privileges hereinafter recited and, to the extent needed, acquiring the title, rights, benefits, and privileges hereinafter recited.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby confirm that Assignors have assigned to Assignee all of Assignors' entire right, title, and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications, and/or foreign regional and/or national applications); any application from which the Application claims priority (including provisional applications, non-provisional applications, international applications, foreign regional applications, and/or foreign national applications); or any application based in whole or in part on any of the foregoing.

To the extent that any of the rights, title, and interests recited above have not already been assigned by Assignors to Assignee, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby assign to Assignee all of Assignors' entire right, title, and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications, and/or foreign regional and/or national applications, invernational applications, foreign regional applications, and/or foreign national applications); or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge, and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignors relating to the Invention, to obtain

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PATENT REEL: 046090 FRAME: 0015 App. No.: 15/943,442 Filed: 04/02/2018

or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on this date 6/5/2018 9:28:45 AM PDT I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

DocuSigned by:

---- E7C50E23737C470.

nz

Matthew C. Putman 68 Cheever Place

Apt. 2

Brooklyn, NY 11231

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on this date 6/5/2018 8:03:24 AM PDT I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

----Docusigned by: Vadim Pinskiy

79CBF30206754C2

Vadim Pinskiy

1313 Crossing Way

Wayne, NJ 07470

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on this date 6/5/2018 8:08:57 AM PDT I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

James Williams

501 East 87th Street

Apt. 16C

New York, NY 10128

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App. No.: 15/943,442 Filed: 04/02/2018

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on this date 6/5/2018 8:34:53 AM PDT I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

Docusigned by:

Damas Limoge

124 West 60th Street

Apt. 12D

New York, NY 10023

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on this date 6/5/2018 8:28:37 AM PDT I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

Aswin Raghav Mrmaleswaran

311D42C553714FC...

Aswin Raghav Nirmaleswaran
209 Taaffe Place

Apt. 2L

Brooklyn, NY 11205

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on this date $\frac{6/5/2018 \ 9:37}{1}$:26 AM PDT I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

Mario Chris
Mario Chris

504 Myrtle Avenue
Apt. 5S
Brooklyn, NY 11205

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RECORDED: 06/14/2018

PATENT REEL: 046090 FRAME: 0017