# 503807021 04/29/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3853668

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
STEVEN MARK ARESTIE	11/26/2013
PAULO C. LOZANO	12/03/2013

## **RECEIVING PARTY DATA**

Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Street Address:	77 MASSACHUSETTS AVENUE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14070351

#### **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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**Email:** patents\_TimO@wolfgreenfield.com **Correspondent Name:** WOLF, GREENFIELD & SACKS, P.C.

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ATTORNEY DOCKET NUMBER:	M0925.70471US01
NAME OF SUBMITTER:	TRISH MCDONALD
SIGNATURE:	/Trish McDonald/
DATE SIGNED:	04/29/2016

## **Total Attachments: 5**

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PATENT REEL: 038430 FRAME: 0358

503807021

## ASSIGNMENT

WHEREAS, We, Paulo C. Lozano and Steven Mark Arestie have invented one or more inventions described in an application (or provisional application) for letters patent of the United States entitled:

# Method and Apparatus for a Porous Metal Electrospray Emitter

and identified by

X Attorney Docket No. MIT-008C1CP1CP1, and/or executed by us on even date herewith and about to be filed in the United States Patent Office;

Application No. 14/070,351 filed in the United States Patent Office on Ø November 1, 2013.

WHEREAS, Massachusetts Institute of Technology (hereinafter "ASSIGNEE"), organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at Five Cambridge Center, Kendall Square, Cambridge, MA 02142-1493, desires to acquire an interest therein, in accordance with agreements duly entered into with us.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest we may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made. We hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for letters patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assignee of our entire right, title and interest therein.

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications.

Joint Assignment Attorney Docket No. MIT-008C1CP1CP1 U.S. Application No. 14/070,351 Page 2 of 3

AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved.

AND, we hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of our execution of this assignment.

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office to issue such letters patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands-and affixed our seals on the date(s) set forth below.

	Inventor:	
		Paulo C. Lozano
NOTARIZATION		
State/Commonwealth of County of	) ) ss	
Large sured abbearage react C. DOS	to be the nerson	e me, the undersigned notary public, atisfactory evidence of identification, which whose name is signed on the preceding or
	Notary Public My Commiss	cion Expires:
WITNESS		
Witness Signature:		
Witness Name:		***************************************
Witness Date:		West Additionary of the Control of t

Joint Assignment Attorney Docket No. MIT-008C1CP1CP1 U.S. Application No. 14/070,351 Page 3 of 3

<u>NOTARIZATION</u>	Inventor: Steven Mark Arestie	ma.
State/Commonwealth of	nassachusetti	
County of Middless	) ss	
On this <u>At day or</u> personally appeared Steve which were <u>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \</u>	Mark Arestie, proved to me through satisfactory evidence of identification, to be the person whose name is signed on the Notary Public My Commission Expires:	Cation
WITNESS Witness Signatures	COLLEEN E. D'AMICO Notary Public (Commonwealth of Massach	usetts
Witness Signature: Witness Name:	My Commission Expire April 10, 2020	\$
Witness Date:		
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AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications.

Joint Assignment Attorney Docket No. MIT-008C1CP1CP1 U.S. Application No. 14/070,351 Page 2 of 3

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IN TESTIMONY WHE date(s) set forth below.	EREOF, we hav	e hereunto set Inventor:	our hands-and affixed our seals on the Paulo C. Lozano
<u>NOTARIZATION</u>			
State/Commonwealth of County of	) ) ss		
On this day of personally appeared Paulo C. Lowere attached document in my preser	, to	_, 2013, before o me through s be the person	e me, the undersigned notary public, atisfactory evidence of identification, whic whose name is signed on the preceding or
		Notary Publi My Commis	c sion Expires:
WITNESS Witness Signature: Witness Name: Witness Date:	Nafali 12/3/	ja Brikner 2013	

PATENT REEL: 038430 FRAME: 0363

RECORDED: 04/29/2016