503610212 12/14/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
DANIEL J. BURNS	02/27/2014	

RECEIVING PARTY DATA

Name:	Mitsubishi Electric Research Laboratories, Inc.			
Street Address:	201 Broadway			
City:	Cambridge			
State/Country:	MASSACHUSETTS			
Postal Code:	02139			

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14022381

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.

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ATTORNEY DOCKET NUMBER:	MERL-2642
NAME OF SUBMITTER:	KRISTIN PETERSON
SIGNATURE:	/Kristin Peterson/
DATE SIGNED:	12/14/2015

Total Attachments: 4

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PATENT 503610212 REEL: 037284 FRAME: 0203

ASSIGNMENT

WHEREAS, We, <u>LISTED INVENTORS</u>, have made certain inventions or discoveries (or both) set forth in an Application for Utility Patent of the United States of America entitled "System and Method for Controlling Temperature and Humidity in Multiple Spaces using Liquid Desiccant," the specification of which:

Secure	was	executed	by '	us or	ı the	date	indi	cated	below;	,
X		filed on ial No. 14	-			, 2013	as	Appli	cation	
بمنتنين	was	patented	unä	er U	S. P	atent	No.	on		

WHEREAS, Mitsubishi Electric Research Laboratories, Inc., a corporation of the State of Delaware, whose address is 201 Broadway, Cambridge, Massachusetts 02139, and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title, and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation;

- Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
 - 2. Authorize Assignee to file patent applications in

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any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;

- 3. Authorize and request the Assistant Commissioner for Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as Assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

Inventor Signature : Dan Bu

Daniel J. Burns

Today's Date: 2/27/14

Date Inventor Signed Declaration: September 9, 2013

Commonwealth of Massachusetts County of Middlesex ss.

Subscribed and sworn to before me by the above-named **Daniel J. Burns** this Day of <u>rebroary</u>, 2014.

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Wolary Public Commonwealth of Massachusotts
My Commission Expires on July 4, 2019

Notary Public

My Commission Expires:

July 4, 2019

IN WITNESS WHEREOF:

Inventor Signature : Christopher Laughman

Today's Date: 2013/4/14

Date Inventor Signed Declaration: September 9, 2013

Commonwealth of Massachusetts County of Middlesex

Subscribed and sworn to before me by the above-named Christopher Laughman this Day of Scotendar, 2013.

My Commission Expires:

July 4, 2019

KRISTIN PETERSON
Melany Public Commonwealth of Massachusette
My Commission Explins on July 4, 2019