505247733 12/20/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRAKASH N. GOVINDAN	06/10/2013
STEVEN LAM	06/10/2013
MAXIMUS ST. JOHN	06/10/2013
JOHN H. LIENHARD	06/14/2013

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:	16042423

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MIT-16046DI2	
NAME OF SUBMITTER:	ROBERT J. SAYRE	
SIGNATURE:	/Robert J. Sayre, Reg. No. 42,124/	
DATE SIGNED:	12/20/2018	

Total Attachments: 6

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mit-16046

ASSIGNMENT

WHEREAS, We, Prakash N. Govindan, Steven Lam, Maximus St. John, and John H.

Lienhard, all at Massachusetts Institute of Technology, made certain new and useful inventions

and improvements for which We executed an application for Letters Patent of the United States

on even date herewith, which is entitled MULTI-STAGE BUBBLE COLUMN HUMIDIFIER;

AND WHEREAS, Massachusetts Institute of Technology, a corporation organized and

existing under and by virtue of the laws of the Commonwealth of Massachusetts, and having an

office and place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139

(hereinafter "Assignee"), is desirous of acquiring an undivided interest in the entire right, title

and interest in and to said inventions, improvements and application and in and to the Letters

Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and

valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, We have

sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the

Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all

inventions and improvements disclosed in the aforesaid application, and in and to the

application, all related provisionals and non-provisionals to which priority is claimed in this

application or that claim priority to this application, divisions, continuations, continuations-in-

part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or

extensions of such patents, and in and to any and all applications which have been or shall be

filed in any foreign countries for Letters Patent on the inventions and improvements, including

an assignment of all rights under the provisions of the International Convention, and all Letters

Patent of foreign countries which may be granted there from; and we do hereby authorize and

request the Commissioner of Patents and Trademarks to issue any and all United States Letters

Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the

entire right, title and interest in and to the same, for the use of the Assignee, its successors and

assigns.

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AND, for the consideration aforesaid, we do hereby agree that we and our executors and

legal representatives will make, execute and deliver any and all other instruments in writing

including any and all further application papers, affidavits, assignments and other documents,

and will communicate to the Assignee, its successors and representatives all facts known to us

relating to the improvements and the history thereof and will testify in all legal proceedings and

generally do all things which may be necessary or desirable more effectually to secure to and

vest in the Assignee, its successors or assigns the entire right, title and interest in and to the

improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and

advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with the Assignee, its successors and assigns,

that no assignment, grant, mortgage, license or other agreement affecting the rights and property

herein conveyed has been made to others by us and that full right to convey the same as herein

expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of 2013.

Prakash N. Govindan

STATE OF MA

COUNTY OF Middle Ce x

On this day of , 2013 before me personally appeared

Prakash N. Govindan to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

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