

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Satya P. Chauhan</td> <td>08/08/2012</td> </tr> <tr> <td>Melissa S. Roshon</td> <td>07/16/2012</td> </tr> <tr> <td>William D. Samuels</td> <td>07/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Satya P. Chauhan	08/08/2012	Melissa S. Roshon	07/16/2012	William D. Samuels	07/19/2012		
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Melissa S. Roshon	07/16/2012										
William D. Samuels	07/19/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Battelle Memorial Institute</td> </tr> <tr> <td>Street Address:</td> <td>505 King Avenue</td> </tr> <tr> <td>City:</td> <td>Columbus</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>43201</td> </tr> </table>		Name:	Battelle Memorial Institute	Street Address:	505 King Avenue	City:	Columbus	State/Country:	OHIO	Postal Code:	43201
Name:	Battelle Memorial Institute										
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13578924</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13578924						
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Application Number:	13578924										
CORRESPONDENCE DATA											
Fax Number:	4192559639										
Phone:	4192555900										
Email:	DOCKETING@MSTFIRM.COM										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	MACMILLAN, SOBANSKI & TODD, LLC										
Address Line 1:	ONE MARITIME PLAZA-FIFTH FLOOR										
Address Line 2:	720 WATER STREET										
Address Line 4:	TOLEDO, OHIO 43604										
ATTORNEY DOCKET NUMBER:	1-51535										
NAME OF SUBMITTER:	Gary M. Sutter										
Total Attachments: 8											

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ASSIGNMENT

Satya P. Chauhan
Melissa S. Roshon
William D. Samuels
to

Battelle Memorial Institute

WHEREAS we, Satya P. Chauhan, of Columbus, and State of Ohio, Melissa S. Roshon, of Hilliard, and State of Ohio; and William D. Samuels, of Richland, and State of Washington, have made certain inventions for which Patent Applications, US and International, were filed as follows:

Type	Application Number	Date Filed	Title
US Provisional Application	61/305,312	2/17/2010	Compositions for Deicing/Anti-Icing
PCT International Application	PCT/US11/025253	2/17/2011	Compositions for Deicing/Anti-Icing

And

WHEREAS, Battelle Memorial Institute, a corporation of Ohio, having a place of business at 505 King Avenue, Columbus, Ohio, herein called "ASSIGNEE", is desirous of acquiring our entire right, title, and interest in said invention and application therefor, and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the said Assignee, our entire right, title, and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to the said application executed by us, preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behoof of the said Assignee, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any division or renewal of the application herein conveyed, or for the reissues or extensions of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents

ASSIGNMENT

Satya P. Chauhan
Melissa S. Roshon
William D. Samuels

to
Battelle Memorial Institute

to be obtained therefor to the said assignee, as well as all other necessary papers.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this 8th day of August, 2012.

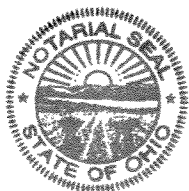
Satya P. Chauhan

STATE OF OHIO)
)
) :SS
COUNTY OF FRANKLIN)

This 8th day of August, 2012, before me, a Notary Public in and for the County aforesaid, personally appeared Satya P. Chauhan, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.

Theresa M. Zimbardi
Notary Public

(SEAL)



Theresa M. Lombardi
Notary Public, State of Ohio
My Commission Expires 01-13-2016

ASSIGNMENT

Satya P. Chauhan
Melissa S. Roshon
William D. Samuels

to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this 16 day of July, 2012.

Melissa S. Roshon
Melissa S. Roshon

STATE OF OHIO)
 :SS
COUNTY OF FRANKLIN)

This 16th day of July, 2012, before me, a Notary Public in and for the County
aforesaid, personally appeared Melissa S. Roshon, personally known to me and known to be the
person described in and who executed the foregoing assignment and acknowledged the same to be
his voluntary act and deed, and that he executed the same for the uses and purposes therein set
forth.

Theresa M. Lombardi
Notary Public

(SEAL)



Theresa M. Lombardi
Notary Public, State of Ohio
My Commission Expires 01-13-2016

ASSIGNMENT

Satya P. Chauhan
Melissa S. Roshon
William D. Samuels

to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at
_____ (City), _____ (State) this _____ day of _____, 2012.

William D. Samuels

STATE OF _____)

:ss

COUNTY OF _____)

This _____ day of _____, 2012, before me, a Notary Public in and for the County
aforesaid, personally appeared William D. Samuels, personally known to me and known to be the
person described in and who executed the foregoing assignment and acknowledged the same to be
his voluntary act and deed, and that he executed the same for the uses and purposes therein set
forth.

Notary Public

(SEAL)

ASSIGNMENT

Satya P. Chauhan
Melissa S. Roshon
William D. Samuels
to

Battelle Memorial Institute

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And we further covenant and agree that we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any division or renewal of the application herein conveyed, or for the reissues or extensions of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents

ASSIGNMENT

Satya P. Chauhan
Melissa S. Roshon
William D. Samuels
to

Battelle Memorial Institute

to be obtained therefor to the said assignee, as well as all other necessary papers.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this _____ day of _____, 2012.

Satya P. Chauhan

STATE OF OHIO)
 :SS
COUNTY OF FRANKLIN)

This _____ day of _____, 2012, before me, a Notary Public in and for the County
aforesaid, personally appeared Satya P. Chauhan, personally known to me and known to be the
person described in and who executed the foregoing assignment and acknowledged the same to be
his voluntary act and deed, and that he executed the same for the uses and purposes therein set
forth.

Notary Public

(SEAL)

ASSIGNMENT

Satya P. Chauhan
Melissa S. Roshon
William D. Samuels
to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio
this _____ day of _____, 2012.

Melissa S. Roshon

STATE OF OHIO)
 :ss
COUNTY OF FRANKLIN)

This _____ day of _____, 2012, before me, a Notary Public in and for the County
aforesaid, personally appeared Melissa S. Roshon, personally known to me and known to be the
person described in and who executed the foregoing assignment and acknowledged the same to be
his voluntary act and deed, and that he executed the same for the uses and purposes therein set
forth.

Notary Public

(SEAL)

ASSIGNMENT

Satya P. Chauhan
Melissa S. Roshon
William D. Samuels

to
Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at
Richland (City), Washington (State) this 19 day of July, 2012.

William D. Samuels
William D. Samuels

STATE OF Washington)

COUNTY OF Franklin)
:SS

This 19 day of July, 2012, before me, a Notary Public in and for the County
aforesaid, personally appeared William D. Samuels, personally known to me and known to be the
person described in and who executed the foregoing assignment and acknowledged the same to be
his voluntary act and deed, and that he executed the same for the uses and purposes therein set
forth.

Josie Gonzalez
Notary Public

(SEAL)

