

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Suhao He</td> <td>11/25/2008</td> </tr> <tr> <td>Achim Karl-Erich Heibel</td> <td>11/25/2008</td> </tr> <tr> <td>Pushkar Tandon</td> <td>11/25/2008</td> </tr> </tbody> </table>		Name	Execution Date	Suhao He	11/25/2008	Achim Karl-Erich Heibel	11/25/2008	Pushkar Tandon	11/25/2008
Name	Execution Date								
Suhao He	11/25/2008								
Achim Karl-Erich Heibel	11/25/2008								
Pushkar Tandon	11/25/2008								
RECEIVING PARTY DATA									
Name:	Corning Incorporated								
Street Address:	SP-TI-03-1								
City:	Corning								
State/Country:	NEW YORK								
Postal Code:	14831								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12324090</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12324090				
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Application Number:	12324090								
CORRESPONDENCE DATA									
Fax Number:	(607)974-3848								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	607-974-7821								
Email:	watterscf@corning.com								
Correspondent Name:	CORNING INCORPORATED								
Address Line 1:	SP-TI-3-1								
Address Line 4:	CORNING, NEW YORK 14831								
ATTORNEY DOCKET NUMBER:	SP08-334								
NAME OF SUBMITTER:	Matthew B. McNutt								
Total Attachments: 2 source=SP08-334_Assignment#page1.tif source=SP08-334_Assignment#page2.tif									

CH \$40.00 12324090

PATENT

500716074

REEL: 021896 FRAME: 0213

ASSIGNMENT

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto Corning Incorporated, a corporation organized and existing under the laws of the State of New York, having its principal place of business at Corning, New York, (hereinafter CORNING), as assignee, and unto its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to a **METHODS FOR ESTIMATING PARTICULATE LOAD IN A PARTICULATE FILTER, AND RELATED SYSTEMS**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE 11/25/08
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and in any future patent applications claiming the benefit of the filing date of that application, and all the rights and privileges under any and all Letters Patents that may be granted therefore.

I request that any and all patents for said inventions be issued to CORNING, its successors, assigns and legal representatives, or to such nominees as CORNING may designate.

I agree that, when requested, I will, without charge to CORNING and at CORNING's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in CORNING, its successors, assigns and legal representatives or nominees.

I authorize and empower CORNING, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for said Convention or entered as a supplement to, and to invoke and claim such right of priority without further written or oral authorization.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of CORNING, or its successors, assigns and legal representatives or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it or entered as a supplement to it.

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at Corning, NY, this

11/25/08
Date

Suhao He
Suhao He

11/25/08
Date

Achim Karl-Erich Heibel
Achim Karl-Erich Heibel

11/25/08
Date

Pushkar Tandon
Pushkar Tandon

State of New York)
: ss.
County of Steuben)

On the 25th day of November 2008, before me personally came **Suhao He** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Christine F. Watters
Notary Public

CHRISTINE F. WATTERS
Notary Public, State of New York
Qualified in Steuben County No. 4945322
My Commission Expires December 19, 20 10

State of New York)
: ss.
County of Steuben)

On the 25th day of November 2008, before me personally came **Achim Karl-Erich Heibel** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Christine F. Watters
Notary Public

CHRISTINE F. WATTERS
Notary Public, State of New York
Qualified in Steuben County No. 4945322
My Commission Expires December 19, 20 10

State of New York)
: ss.
County of Steuben)

On the 25th day of November 2008, before me personally came **Pushkar Tandon** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Christine F. Watters
Notary Public

CHRISTINE F. WATTERS
Notary Public, State of New York
Qualified in Steuben County No. 4945322
My Commission Expires December 19, 20 10