

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Arvind V. Harinath</td><td>06/19/2008</td></tr><tr><td>Bryan E. Blackwell</td><td>06/19/2008</td></tr><tr><td>Pradeep Prasad</td><td>06/19/2008</td></tr><tr><td>Z. Gerald Liu</td><td>06/12/2008</td></tr></tbody></table>		Name	Execution Date	Arvind V. Harinath	06/19/2008	Bryan E. Blackwell	06/19/2008	Pradeep Prasad	06/19/2008	Z. Gerald Liu	06/12/2008
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Cummins Filtration IP, Inc.</td></tr><tr><td>Street Address:</td><td>1400 - 73rd Avenue, NE</td></tr><tr><td>City:</td><td>Minneapolis</td></tr><tr><td>State/Country:</td><td>MINNESOTA</td></tr><tr><td>Postal Code:</td><td>55432</td></tr></table>		Name:	Cummins Filtration IP, Inc.	Street Address:	1400 - 73rd Avenue, NE	City:	Minneapolis	State/Country:	MINNESOTA	Postal Code:	55432
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (414)271-5770 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 414-271-7590											
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Correspondent Name: Andrus, Sceales, Starke & Sawall, LLP											
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Address Line 2: Suite 1100											
Address Line 4: Milwaukee, WISCONSIN 52302											
ATTORNEY DOCKET NUMBER:	4695-00160										
NAME OF SUBMITTER:	M. Scott McBride										
Total Attachments: 3											

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PATENT

REEL: 021270 FRAME: 0206

ASSIGNMENT

I, identified below as "Inventor", have made certain new and useful improvements in an invention ("Invention"), as set forth in an application for United States Letters Patent executed or about to be executed by me or otherwise in which I am an inventor and bearing the following title and Attorney Docket No. and for which the Attorney of record is hereby authorized to insert the serial number and filing date when ascribed:

Title: **CATALYTIC DEVICES FOR CONVERTING UREA TO AMMONIA**

Application Number: 12/145,618 Filing Date: 06/25/2008 Atty. Docket No. 4695-00160
Customer No. 26753

For good and valuable consideration, I do hereby sell, assign, and transfer to Cummins Filtration IP, Inc. ("Assignee"), a corporation organized under the laws of the State of Delaware, and located and doing business at 1400 - 73rd Avenue NE, Minneapolis, MN 55432, and to its legal representatives, successors, and assigns, my entire right, title, and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, to any prior or provisional application, including any application from which priority is claimed, together with all patents resulting from such applications including any continuations, divisions, reissues, re-examinations and extensions thereof and any applications claiming priority therefrom. Assignee shall hold such right, title, and interest as fully and completely as such right, title and interest would have been held by me had this assignment and sale not been made.

I agree, upon Assignee's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that Assignee may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to Assignee any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to Assignee and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to Assignee, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

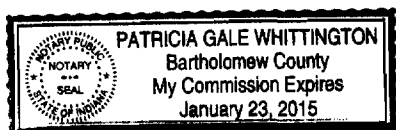
Inventor: Arvind V. Harinath Date: 6/19/2008
(Signature)

Name typed or printed: Arvind V. Harinath
Address: 53 G Salzburg Blvd., Apt. G
Columbus, IN 47201

State of Indiana)
County of Bartholomew) ss

On this 19th day of June, 2008, before me personally appeared said Arvind V. Harinath, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL



Patricia Gale Whittington
Notary Public
My Commission expires: January 23, 2015

Title: CATALYTIC DEVICES FOR CONVERTING UREA TO AMMONIA

Application Number: 12/145,618

Filing Date: 6/25/2008

Atty. Docket No. 4695-00160

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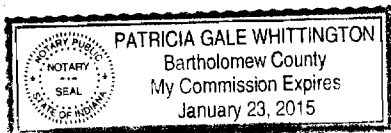
Inventor: Bryan E. Blackwell Date: 6/19/2008
(Signature)

Name typed or printed: Bryan E. Blackwell
Address: 2747 S. 25 W
Franklin, IN 46131

State of Indiana)
County of Bartholomew) ss

On this 19th day of June, 2008, before me personally appeared said Bryan E. Blackwell, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL



Patricia G. Whittington
Notary Public
My Commission expires: January 23, 2015

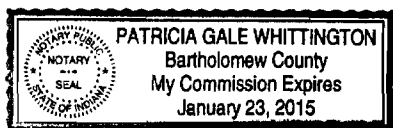
Inventor: P. Pradeep Date: 06/19/2008
(Signature)

Name typed or printed: Pradeep Prasad
Address: 4529 Rosebud Drive
Columbus, IN 47203

State of Indiana)
County of Bartholomew) ss

On this 19th day of June, 2008, before me personally appeared said Pradeep Prasad, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL



Patricia G. Whittington
Notary Public
My Commission expires: January 23, 2015

Title: **CATALYTIC DEVICES FOR CONVERTING UREA TO AMMONIA**

Application Number: 12/145,618

Filing Date: 6/25/2008

Atty. Docket No. 4695-00160

Customer No. 26753

Inventor: *Z. Gerald Liu* Date: June 12, 2008
(Signature)

Name typed or printed: Z. Gerald Liu
Address: 917 Tramore Trail
Madison, WI 53717

State of WISCONSIN)
County of DANE) ss

On this 12TH day of June, 2008, before me personally appeared said Z. Gerald Liu, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Cherry Lynn Jones
Notary Public
My Commission expires: 8-9-09