

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Phanindra Garmiella</td> <td>07/08/2009</td> </tr> <tr> <td>Joan M. Wills</td> <td>07/08/2009</td> </tr> <tr> <td>John N. Chi</td> <td>07/08/2009</td> </tr> <tr> <td>Neal W. Currier</td> <td>07/08/2009</td> </tr> <tr> <td>Aleksey Yezerets</td> <td>07/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	Phanindra Garmiella	07/08/2009	Joan M. Wills	07/08/2009	John N. Chi	07/08/2009	Neal W. Currier	07/08/2009	Aleksey Yezerets	07/08/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>CUMMINS 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 IP, INC.	Street Address:	1400-73rd Avenue NE	City:	Minneapolis	State/Country:	MINNESOTA	Postal Code:	55432		
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CORRESPONDENCE DATA													
<p>Fax Number: (801)531-1929</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 801-994-4646</p> <p>Email: heather@kmiplaw.com</p> <p>Correspondent Name: Brian C. Kunzler</p> <p>Address Line 1: 8 East Broadway</p> <p>Address Line 2: Suite 600</p> <p>Address Line 4: Salt Lake City, UTAH 84111</p>													
ATTORNEY DOCKET NUMBER:	8-02-12959												
NAME OF SUBMITTER:	Brian C. Kunzler												

OP \$40.00 12433600

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PATENT
REEL: 022955 FRAME: 0129

Total Attachments: 3

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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: Apparatus, System, and Method for Determining the Degradation of an SCR Catalyst

Atty. Docket No. 8-02-12959

Serial No. 12/433,600

For good and valuable consideration, I do hereby sell, assign, and transfer to Cummins IP, Inc. ("**Assignee**"), a corporation organized under the laws of the State of Indiana, and located and doing business at 1400-73rd Avenue NE, Minneapolis, MINNESOTA 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 they 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: G. v. Phanindra Date: July 8th 2009
(Signature)

Name typed or printed: Phanindra Garmiella
Address: 3820 E. Barrington Drive, Apt. D
Bloomington, IN 47408

State of Indiana)
County of Bartholomew) ss

On this 8th day of July, 2009, before me personally appeared said Phanindra Garmiella, 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

Amey
Notary Public

My Commission expires: 12/5/09

Title: Apparatus, System, and Method for Determining the Degradation of an SCR Catalyst

Atty. Docket No. 8-02-12959

Serial No. 12/433,600

Inventor: Joan Wills Date: 7/8/2009
(Signature)

Name typed or printed: Joan M. Wills
Address: 8934 Bellsville Pike
Nashville, IN 47448

State of Indiana)
County of Bartholomew) ss

On this 8th day of July, 2009, before me personally appeared said Joan M. Wills, 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

Amy
Notary Public
My Commission expires: 12/5/09

Inventor: J. N. Chi Date: 08-JUL-2009
(Signature)

Name typed or printed: John N. Chi
Address: 1246-B Thicket Court
Columbus, IN 47201

State of Indiana)
County of Bartholomew) ss

On this 8th day of July, 2009, before me personally appeared said John N. Chi, 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

Amy
Notary Public
My Commission expires: 12/5/09

Title: Apparatus, System, and Method for Determining the Degradation of an SCR Catalyst

Atty. Docket No. 8-02-12959

Serial No. 12/433,600

Inventor: Neal W. Currier Date: 07/08/09
(Signature)

Name typed or printed: Neal W. Currier
Address: 1702 N. Ridgewood Drive
Columbus, IN 47203

State of Indiana)
County of Bartholomew) ss

On this 8th day of July, 2009, before me personally appeared said Neal W. Currier, 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

DONNA DETTMER Donna Dettmer
Notary Public
My Commission expires: December 20, 2014

Inventor: Aleksey Yezerets Date: 07/08/09
(Signature)

Name typed or printed: Aleksey Yezerets
Address: 231 Oakbrook Drive
Columbus, IN 47201

State of Indiana)
County of Bartholomew) ss

On this 8th day of July, 2009, before me personally appeared said Aleksey Yezerets, 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

DONNA DETTMER Donna Dettmer
Notary Public
My Commission expires: December 20, 2014