

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>John N. Chi</td> <td>01/31/2012</td> </tr> <tr> <td>John M. Mulloy</td> <td>01/03/2012</td> </tr> <tr> <td>Sriram S. Popuri</td> <td>01/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	John N. Chi	01/31/2012	John M. Mulloy	01/03/2012	Sriram S. Popuri	01/11/2012
Name	Execution Date								
John N. Chi	01/31/2012								
John M. Mulloy	01/03/2012								
Sriram S. Popuri	01/11/2012								
RECEIVING PARTY DATA									
Name:	Cummins Inc.								
Street Address:	500 Jackson Street								
City:	Columbus								
State/Country:	INDIANA								
Postal Code:	47201								
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>13244547</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13244547				
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Application Number:	13244547								
CORRESPONDENCE DATA									
Fax Number:	(317)231-7433								
Phone:	317-231-7380								
Email:	arogers@btlaw.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
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Address Line 1:	Barnes & Thornburg LLP								
Address Line 2:	11 South Meridian Street								
Address Line 4:	Indianapolis, INDIANA 46204								
ATTORNEY DOCKET NUMBER:	29766-208048								
NAME OF SUBMITTER:	Jeffrey A. Michael								
Total Attachments: 4 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif source=Executed_Assignment#page4.tif									

CH \$40.00 13244547

ASSIGNMENT

WHEREAS, John N. Chi, John M. Mulloy and Sriram S. Popuri of 205 Bluff Street, Apt. 4B, Dubuque, IA 52001-6960, 1212 Bitterwood Court, Columbus, IN 47201, 1135-B Bexley Drive, Greenwood, IN 46143, respectively, hereinafter to as Assignor, has made a new and useful invention in SYSTEM AND METHOD FOR ESTIMATING TURBOCHARGER COMPRESSOR INLET AIR FLOW RATE for which Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS, Cummins Inc., hereinafter referred to as Assignee, a corporation of the State of Indiana having a principal place of business at 500 Jackson Street, Columbus, Indiana, 47201 desires to acquire all of the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to an under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW THEREFORE, to all whom it may concern, be it known that for an in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignor this _____ day of _____, 20___, and any and all other application thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor hereby authorizes and requests the firm of Barnes & Thornburg, to insert here in parenthesis (Serial No. 13/244,547, Filed September 25, 2011) the date and serial number of said application when officially known, and Assignor hereby authorizes and requests the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

INDS02 JMM 11898254

WITNESS Assignor's hand this 31 day of JANUARY, 20 12.

J.N. Chi
John N. Chi

STATE OF IOWA)
)SS:
COUNTY OF Dubique)

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed to foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.

JoAnn Schmitt
Notary Public



Printed: JoAnn Schmitt
My Commission Expires: 7/9/13
Resident of Dubique County

WITNESS Assignor's hand this _____ day of _____, 20 _____.

John M. Mulloy

STATE OF INDIANA)
)SS:
COUNTY OF _____)

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed to foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Notary Public

Printed: _____
My Commission Expires: _____

Resident of _____ County

WITNESS Assignor's hand this _____ day of _____, 20_____.

John N. Chi

STATE OF INDIANA)
)SS:
COUNTY OF _____)

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed to foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Notary Public

Printed: _____
My Commission Expires: _____
Resident of _____ County

WITNESS Assignor's hand this _____ day of _____, 20_____.

John M. Mulloy

John M. Mulloy

STATE OF INDIANA)
)SS:
COUNTY OF Ba. Holman)

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed to foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Nancy J. Chandler

Notary Public

Printed: NANCY J CHANDLER
My Commission Expires: November 15, 2009
Resident of Ba. Holman County

IN.DOC.21.M.11893.01

Nancy J. Chandler
1-3-10

