503396377 07/17/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3443002

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEN LIU	07/09/2015
MINGYU WANG	07/09/2015
YANPING XIA	07/09/2015
PRASAD S. KADLE	07/09/2015
JEFFREY C. KINMARTIN	07/09/2015

RECEIVING PARTY DATA

Name:	MAHLE INTERNATIONAL GMBH	
Street Address:	PRAGSTRASSE 26-46	
City:	STUTTGART	
State/Country:	GERMANY	
Postal Code:	70376	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14801862

CORRESPONDENCE DATA

Fax Number: (734)994-6331

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 734-302-6000

Email: kmakin@brinksgilson.com

Correspondent Name: BGL/ANN ARBOR

Address Line 1: 524 SOUTH MAIN STREET

Address Line 2: SUITE 200

Address Line 4: ANN ARBOR, MICHIGAN 48104

Total Attachments O		
DATE SIGNED:	07/17/2015	
SIGNATURE:	/Gerlinde Nattler/	
NAME OF SUBMITTER:	GERLINDE M. NATTLER	
ATTORNEY DOCKET NUMBER:	15491-6 (DP-322200)	

Total Attachments: 2

PATENT REEL: 036121 FRAME: 0393

503396377

source=PTO_150717_Executed_Assignment#page1.tif source=PTO_150717_Executed_Assignment#page2.tif

PATENT REEL: 036121 FRAME: 0394

ASSIGNMENT

WHEREAS, Wen Liu; Mingyu Wang; Yanping Xia; Prasad S. Kadle; and Jeffrey C. Kinmartin, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled METHOD OF CONTROLLING THE DISCHARGE OF TEMPERATURE-CONDITIONED AIR, for a full description of which reference is here made to an application for Letters Patent of the United States filed on July 17, 2015, and assigned App. Serial No. 14/801,862 (we hereby authorize our attorney of record in the application to insert the application filing date and number when they become known);

WHEREAS, MAHLE International GmbH, a German corporation having a place of business at Pragstraße 26-46, 70376 Stuttgart, Germany, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its

successors and assigns, to the full end of the term or terms for all such patents. The Assignors hereby sell, assign, and transfer the entire right, title and interest to the Assignee as of the day of filing the application identified above.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: July 9, 2015

DATE: July 9, 2015

DATE: July 9, 2015

Prasad S. Kadle

DATE: Men Liu

Mingyu Wang

Prasad S. Kadle

DATE: July 9, 2015

DATE: July 9, 2015

DATE: Men Community

July 9,