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Attorney Docket No. 153066

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1. A. Name of conveying parties:  
[1] Yoshihisa SHINODA  
[2] Koichi HOSHI  
[3] Hiroaki KATSUMATA  
[4] Kazuhiro SUGIMOTO  
[5] Kayoko TAKADA  
[6] Ippei FUKUTOMI

B. Additional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

2. A. Name and address of receiving party:  
  
TOYOTA JIDOSHA KABUSHIKI KAISHA  
1, TOYOTA-CHO, TOYOTA-SHI,  
AICHI-KEN, 471-8571 JAPAN

B. Additional name(s) & address(es) attached?  
☐ Yes ☒ No

3. A. Nature of conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

B. Execution Date:  
[1] - [3]: September 11, 2011;  
[4] & [6]: September 12, 2011 and  
[5]: September 13, 2011

4. A. Patent Application No.(s) 13/501,180 B. Patent No.(s)  
  
Additional numbers attached? ☐ Yes ☒ No

C. Title of Application: AIR PURIFICATION SYSTEM FOR VEHICLE

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James A. OliffAddress: **OLIFF & BERRIDGE, PLC**  
P.O. Box 320850  
Alexandria, VA 22320-4850  
Phone Number: 703-836-6400  
Fax Number: 703-836-27876. Total number of applications and patents involved: 17. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.

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9. **Statement and signature.***To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*  
\_\_\_\_\_  
James A. Oliff, Registration No. 27,075  
Jeffrey R. Bouquet, Registration No. 57,771Date: April 10, 2012**PATENT**

TSN 2010-1446-US-00  
TY 2272USASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Yoshihisa SHINODA  
(3) Hiroaki KATSUMATA  
(5) Kayoko TAKADA

(2) Koichi HOSHI  
(4) Kazuhiro SUGIMOTO  
(6) Ippei FUKUTOMI

who have made a certain new and useful invention, hereby sell, assign and transfer unto

TOYOTA JIDOSHA KABUSHIKI KAISHA

1, Toyota-cho, Toyota-shi  
Aichi-ken, 471-8571  
JAPAN

its successors and assigns ( hereinafter designated "ASSIGNEE" ) the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

AIR PURIFICATION SYSTEM FOR VEHICLE

for which an application for United States Letters Patent was executed on even date herewith,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the international Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

## INVENTORS

## DATE SIGNED

1) Yoshihisa Shinoda  
Name: Yoshihisa SHINODA

September 11, 2011

2) Koichi Hoshi  
Name: Koichi HOSHI

September 11, 2011

3) Hiroaki Katsumata  
Name: Hiroaki KATSUMATA

September 11, 2011

4) Kazuhiro Sugimoto  
Name: Kazuhiro SUGIMOTO

September 12, 2011

5) Kayoko Takada  
Name: Kayoko TAKADA

September 13, 2011

6) Ippei Fukutomi  
Name: Ippei FUKUTOMI

September 12, 2011