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10/27/2011



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Our Ref.: MNL-2018-2767

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): TOYOTA JIDOSHA KABUSHIKI KAISHA Additional name/s of conveying party/ies attached? <input type="checkbox"/> 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: <u>October 13, 2011</u>	2. Name and address of receiving party(ies): 1) Name: DENSO CORPORATION Street Address: <u>1-1, Showa-cho</u> City: <u>Kariya-city, Aichi-pref.</u> State/Country: <u>Japan</u> Zip: <u>448-8661</u> Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application. A. Patent Application No(s). (1) <u>13/137,881</u> (2) (3) Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No(s). (1) (2) (3)
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Michelle N. Lester</u> Internal Address: _____ Street Address: <u>Nixon & Vanderhye P.C.</u> <u>901 North Glebe Road</u> <u>11th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203</u>	6. Total number of applications & patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.
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9. Statements 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. <u>Michelle N. Lester</u> Name of Person Signing Reg. No. 32,331		 Signature	<u>October 25, 2011</u> Date
Total number of pages including original cover sheet, attachments, and document: [2]			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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ASSIGNMENT

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA, (hereinafter ASSIGNOR), a corporation duly organized and existing under the laws of Japan and doing business at 1, Toyota-cho, Toyota-city, Aichi-pref., Japan 471-8571, is the owner of an undivided 1/3 interest in Application No. 13/137,881 for Letters Patent of the United States, filed September 20, 2011 and entitled AIR INTAKE APPARATUS FOR INTERNAL COMBUSTION ENGINE, (hereafter "the APPLICATION"), by virtue of an assignment from the inventors recorded against Parent Application No. 12/272,071 on November 17, 2008 in the United States Patent and Trademark Office at Reel/Frame 021843/0482;

AND WHEREAS, DENSO CORPORATION, (hereinafter ASSIGNEE), a corporation duly organized and existing under the laws of Japan and doing business at 1-1, Showa-cho, Kariya-city, Aichi-pref., Japan 448-8661, is desirous of acquiring ASSIGNOR's entire undivided interest in THE APPLICATION;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR's entire undivided right and title to the said APPLICATION in the United States, its territories, dependencies and possessions, and to all continuations, divisions, reissues, reexaminations, of said APPLICATION and in, to and under said Letters Patent, including, though not in way of limitation, associated rights of recovery from past infringement thereof.

I am authorized to execute this ASSIGNMENT on behalf of ASSIGNOR.

Executed this 13 day of October, 2011.

TOYOTA JIDOSHA KABUSHIKI KAISHA

By: *Eiichi Nishida*
Name: Eiichi Nishida
Title: General Manager
R&D-related IP Dept.
Intellectual Property Div.