

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Minoru KOWADA	01/12/2010
Hisaki TORISAKA	01/12/2010
Heimo SCHREIER	01/12/2010
Harald GRANTNER	01/12/2010
Thomas OBENAU	01/12/2010

RECEIVING PARTY DATA

Name:	HINO MOTORS, LTD.
Street Address:	1-1, Hinodai 3-chome
City:	Hino-shi, Tokyo
State/Country:	JAPAN
Postal Code:	191-8660

Name:	AVL LIST GMBH
Street Address:	Hans-List-Platz 1
City:	Graz
State/Country:	AUSTRIA
Postal Code:	A-8020

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12672045

CORRESPONDENCE DATA

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501096812

PATENT
REEL: 023959 FRAME: 0693

OP \$40.00 12672045

Address Line 1: 1940 Duke Street
Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	354058US
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NAME OF SUBMITTER:	Abdul Joya
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Total Attachments: 2 source=354058USAssignment#page1.tif source=354058USAssignment#page2.tif
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Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Minoru KOWADA and Hisaki TORISAKA, subjects of Japan, of c/o Hino Motors, Ltd., 1-1,
Hinodai 3-chome, Hino-shi, Tokyo 191-8660 Japan and Heimo SCHREIER, Harald GRANTNER
and Thomas OBENAU, subjects of Austria, of c/o AVL LIST GMBH, Hans-List-Platz 1, A-8020
Graz, Austria

INSERT TITLE OF
INVENTION:

_____, respectively,
 have invented certain new and useful improvements in: EXHAUST EMISSION CONTROL DEVICE

(Application No. 12/672,045, filed 02/03/2010), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, HINO MOTORS, LTD. and AVL LIST GMBH

(hereinafter referred to as "ASSIGNEES") having places of business at: 1-1, Hinodai 3-chome, Hino-shi, Tokyo 191-8660 Japan and Hans-List-Platz 1, A-8020 Graz, Austria, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;


NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

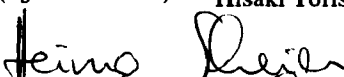
Date: January 12, 2010


(Signature of Inventor) Minoru Kowada

Date: January 12, 2010


(Signature of Inventor) Hisaki Torisaka

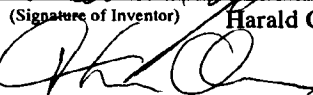
Date: January 12, 2010


(Signature of Inventor) Helmo Schreier

Date: January 12, 2010


(Signature of Inventor) Harald Grantner

Date: January 12, 2010


(Signature of Inventor) Thomas Obenaus

Date: _____

(Signature of Inventor)

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