

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAKASHI BABA	02/19/2014
KOICHIRO HARADA	02/19/2014
HIROSHI YAMADA	02/19/2014
MASAHIKO SHIGETSU	02/20/2014
AKIHIDE TAKAMI	02/20/2014
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<b>State/Country:</b>	JAPAN
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14346936
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<b>NAME OF SUBMITTER:</b>	TIM L. BRACKETT, JR
<b>SIGNATURE:</b>	/Tim L. Brackett, Jr./
<b>DATE SIGNED:</b>	03/24/2014
<b>Total Attachments: 2</b>	

PATENT

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**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT**

**WHEREAS** Takashi BABA, Koichiro HARADA, Hiroshi YAMADA, Masahiko SHIGETSU and Akihide TAKAMI hereinafter referred to collectively as the assignor, has invented a certain improvement relating to: CATALYST-ADDED PARTICULATE FILTER

the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

said application having been filed in the United States Patent and Trademark Office on, \_\_\_\_\_, authorization being hereby given to the practitioners associated with STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 78198, to insert here in parentheses (Application Serial No. \_\_\_\_\_) the application serial number of said application when known;

said application having been filed under the Patent Cooperation Treaty on August 1, 2012, as Serial No. PCT/JP2012/00487Z, the United States of America being designated.

**AND WHEREAS** MAZDA MOTOR CORPORATION of 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 730-8670, Japan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

**NOW**, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

The undersigned hereby grant(s) the law firm of STUDEBAKER & BRACKETT PC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

This Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: February 19, 2014

Signature: Takashi Baba  
Name: Takashi BABA

Date: February 19, 2014

Signature: Koichiro Harada  
Name: Koichiro HARADA

Date: February 19, 2014

Signature: Hiroshi Yamada  
Name: Hiroshi YAMADA

Date: February 20, 2014

Signature: Masahiko Shigetsu  
Name: Masahiko SHIGETSU

Date: February 20, 2014

Signature: Akihide Takami  
Name: Akihide TAKAMI