

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Masaaki AKAMINE</td><td>05/11/2011</td></tr><tr><td>Masahiko SHIGETSU</td><td>05/12/2011</td></tr><tr><td>Yasuhiro OCHI</td><td>05/18/2011</td></tr><tr><td>Yuki MURAKAMI</td><td>05/12/2011</td></tr></tbody></table>	Name	Execution Date	Masaaki AKAMINE	05/11/2011	Masahiko SHIGETSU	05/12/2011	Yasuhiro OCHI	05/18/2011	Yuki MURAKAMI	05/12/2011	
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Yuki MURAKAMI	05/12/2011										
RECEIVING PARTY DATA											
Name:	MAZDA MOTOR CORPORATION										
Street Address:	3-1, Shinchu, Fuchu-cho										
Internal Address:	Aki-gun										
City:	Hiroshima										
State/Country:	JAPAN										
Postal Code:	730-8670										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13115890</td></tr></tbody></table>	Property Type	Number	Application Number:	13115890							
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Application Number:	13115890										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Donald R. Studebaker										
Total Attachments: 2 source=ASN#page1.tif source=ASN#page2.tif											

OP \$40.00 13115890

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PATENT
REEL: 026339 FRAME: 0284

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Masaaki AKAMINE, Masahiko SHIGETSU, Yasuhiro OCHI and Yuki MURAKAMI
hereinafter referred to collectively as the assignor, has invented a certain improvement relating to:
EXHAUST GAS PURIFICATION CATALYST

☒ 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 the STUDEBAKER & BRACKETT PC
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 _____, as
Serial No. _____, 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 THIS WITNESSETH, 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.

In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the
undersigned name(s).

Date: May 11, 2011 Signature: Masaaki Akamine
Name: Masaaki AKAMINE

Date: May 12, 2011 Signature: Masahiko Shigetsu
Name: Masahiko SHIGETSU

Date: May 18, 2011 Signature: Yasuhiro Ochi
Name: Yasuhiro OCHI

Date: May 12, 2011

Signature: Yuki Murakami
Name: Yuki MURAKAMI