

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>Masanao YONEMURA</td> <td>06/12/2013</td> </tr> <tr> <td>Katsumi NOCHI</td> <td>06/10/2013</td> </tr> <tr> <td>Masashi KIYOSAWA</td> <td>06/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Masanao YONEMURA	06/12/2013	Katsumi NOCHI	06/10/2013	Masashi KIYOSAWA	06/12/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>MITSUBISHI HEAVY INDUSTRIES, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>16-5, Konan 2-chome, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>108-8215</td> </tr> </table>		Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.	Street Address:	16-5, Konan 2-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	108-8215
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CORRESPONDENCE DATA											
<p>Fax Number: 2028221111 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-822-1100 Email: patentmail@whda.com Correspondent Name: WESTERMAN, HATTORI, DANIELS & ADRIAN, LL Address Line 1: 1250 CONNECTICUT AVENUE, NW Address Line 2: SUITE 700 Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20036</p>											
ATTORNEY DOCKET NUMBER:	130673										
NAME OF SUBMITTER:	Crystal Boyer										
Signature:	/Crystal Boyer/										

Date:

06/17/2013

Total Attachments: 2

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U.S. ASSIGNMENT

(Insert ASSIGNEE's Name(s) Address(es))

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by **MITSUBISHI HEAVY INDUSTRIES, LTD.,**
16-5, Konan 2-chome, Minato-ku, Tokyo 1088215 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

CARRIER FOR NO_x REDUCTION CATALYST

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on _____ Serial No.

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

(Signatures)

_____	Masanao YONEMURA	_____
(Signature)	(Type Name)	(Date)
<i>Katsumi Nochi</i>	Katsumi NOCHI	JUN. 10, 2013
(Signature)	(Type Name)	(Date)
_____	Masashi KIYOSAWA	_____
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)

NO LEGALIZATION REQUIRED

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(Insert ASSIGNEE's Name(s) Address(es))

16-5, Konan 2-chome, Minato-ku, Tokyo 1088215 Japan

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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Masanao Yonemura</u> (Signature)	<u>Masanao YONEMURA</u> (Type Name)	<u>JUN. 12. 2013</u> (Date)
_____ (Signature)	<u>Katsumi NOCHI</u> (Type Name)	_____ (Date)
<u>Masashi Kiyosawa</u> (Signature)	<u>Masashi KIYOSAWA</u> (Type Name)	<u>JUN. 12. 2013</u> (Date)
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