

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>Jun SHIMAMURA</td> <td>08/17/2009</td> </tr> <tr> <td>Takanori NAKAMOTO</td> <td>08/07/2009</td> </tr> <tr> <td>Toshio KATSUBE</td> <td>08/20/2009</td> </tr> <tr> <td>Hirofumi KIKKAWA</td> <td>08/21/2009</td> </tr> <tr> <td>Hiroyuki NOSAKA</td> <td>08/07/2009</td> </tr> <tr> <td>Takayuki SAITOU</td> <td>08/06/2009</td> </tr> <tr> <td>Yoshinori TAGUCHI</td> <td>08/07/2009</td> </tr> <tr> <td>Hiroshi ISHIZAKA</td> <td>08/24/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jun SHIMAMURA	08/17/2009	Takanori NAKAMOTO	08/07/2009	Toshio KATSUBE	08/20/2009	Hirofumi KIKKAWA	08/21/2009	Hiroyuki NOSAKA	08/07/2009	Takayuki SAITOU	08/06/2009	Yoshinori TAGUCHI	08/07/2009	Hiroshi ISHIZAKA	08/24/2009
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RECEIVING PARTY DATA																			
Name:	Babcock-Hitachi Kabushiki Kaisha																		
Street Address:	14-1, Sotokanda 4-chome, Chiyoda-ku																		
City:	Tokyo																		
State/Country:	JAPAN																		
Postal Code:	1010021																		
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>12531603</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12531603														
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Application Number:	12531603																		
CORRESPONDENCE DATA																			
Fax Number:	(703)716-1180																		
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PATENT
REEL: 023241 FRAME: 0356

NAME OF SUBMITTER:

Daniel B. Moon

Total Attachments: 6

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ASSIGNMENT

WHEREAS, **Jun SHIMAMURA**, a citizen of Japan, whose post office address is c/o Kure Division of Babcock-Hitachi Kabushiki Kaisha, 6-9, Takara-machi, Kure-shi, Hiroshima 7378508 Japan, **Takanori NAKAMOTO**, a citizen of Japan, whose post office address is c/o Kure Division of Babcock-Hitachi Kabushiki Kaisha, 6-9, Takara-machi, Kure-shi, Hiroshima 7378508 Japan, **Toshio KATSUBE**, a citizen of Japan, whose post office address is c/o Kure Division of Babcock-Hitachi Kabushiki Kaisha, 6-9, Takara-machi, Kure-shi, Hiroshima 7378508 Japan, **Hirofumi KIKKAWA**, a citizen of Japan, whose post office address is c/o Kure Research Laboratory of Babcock-Hitachi Kabushiki Kaisha, 5-3, Takara-machi, Kure-shi, Hiroshima 7378508 Japan, **Hiroyuki NOSAKA**, a citizen of Japan, whose post office address is c/o Kure Division of Babcock-Hitachi Kabushiki Kaisha, 6-9, Takara-machi, Kure-shi, Hiroshima 7378508 Japan, **Takayuki SAITOU**, a citizen of Japan, whose post office address is c/o Kure Division of Babcock-Hitachi Kabushiki Kaisha, 6-9, Takara-machi, Kure-shi, Hiroshima 7378508 Japan, **Yoshinori TAGUCHI**, a citizen of Japan, whose post office address is c/o Kure Division of Babcock-Hitachi Kabushiki Kaisha, 6-9, Takara-machi, Kure-shi, Hiroshima 7378508 Japan, and **Hiroshi ISHIZAKA**, a citizen of Japan, whose post office address is c/o Kure Research Laboratory of Babcock-Hitachi Kabushiki Kaisha, 5-3, Takara-machi, Kure-shi, Hiroshima 7378508 Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to **EXHAUST GAS PURIFYING METHOD AND APPARATUS**, for which they have jointly executed, on the same date as this assignment, an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roynance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043 and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

AND WHEREAS, **Babcock-Hitachi Kabushiki Kaisha**, a corporation organized and existing under the laws of Japan, whose post-office address is **14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo 1010021 Japan**, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, 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, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire

and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed on the date (s) indicated below.

First Witness:

Taisuke Ohada
(Name)

Aug. 27. 2009
(Date)

Jun Shimamura Aug. 17. 2009
Jun SHIMAMURA Date

Second Witness:

Yukinori Okamoto
(Name)

Aug. 31. 2009
(Date)

First Witness:

Taisuke Okada
(Name)

Aug. 27, 2009
(Date)

T. W. Aug. 7, 2009
Takanori NAKAMOTO Date

Second Witness:

Yukinori Kamoto
(Name)

Aug. 31, 2009
(Date)

First Witness:

Taisuke Okada
(Name)

Aug. 27, 2009
(Date)

Toshio Katsube 20. Aug. '09
Toshio KATSUBE Date

Second Witness:

Yukinori Kamoto
(Name)

Aug. 31, 2009
(Date)

First Witness:

Daisuke Okada
(Name)

Aug. 27, 2009
(Date)

H. Kikkawa Aug. 21, 2009
Hirofumi KIKKAWA Date

Second Witness:

Yukinori Okamoto
(Name)

Aug. 31, 2009
(Date)

First Witness:

Daisuke Okada
(Name)

Aug. 27, 2009
(Date)

H. Nosa 7, Aug, 2009
Hiroyuki NOSAKA Date

Second Witness:

Yukinori Okamoto
(Name)

Aug. 31, 2009
(Date)

First Witness:

Daisuke Ohada
(Name)

Aug. 27, 2009
(Date)

Takayuki Saito 6 Aug '09
Takayuki SAITOU Date

Second Witness:

Yubinori Ohamoto
(Name)

Aug. 31, 2009
(Date)

First Witness:

Daisuke Ohada
(Name)

Aug. 27, 2009
(Date)

Y. Taguchi 7 Aug '09
Yoshinori TAGUCHI Date

Second Witness:

Yubinori Ohamoto
(Name)

Aug. 31, 2009
(Date)

First Witness:

Taisuke Ohada
(Name)

Aug. 27, 2009
(Date)

Second Witness:

Yukinori Okamoto
(Name)

Aug. 31, 2009
(Date)

Hiroshi Ishizaka Aug. 24, 2009
Hiroshi ISHIZAKA Date