

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Kazuhiro FUKUMOTO</td><td>07/27/2009</td></tr><tr><td>Minoru TAKAHARA</td><td>07/27/2009</td></tr><tr><td>Kenichirou SUZUKI</td><td>07/27/2009</td></tr><tr><td>Nobuhiko NAKAGAKI</td><td>07/31/2009</td></tr><tr><td>Yasunari ARAI</td><td>07/31/2009</td></tr><tr><td>Minoru HONDA</td><td>07/31/2009</td></tr></tbody></table>	Name	Execution Date	Kazuhiro FUKUMOTO	07/27/2009	Minoru TAKAHARA	07/27/2009	Kenichirou SUZUKI	07/27/2009	Nobuhiko NAKAGAKI	07/31/2009	Yasunari ARAI	07/31/2009	Minoru HONDA	07/31/2009	
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Yasunari ARAI	07/31/2009														
Minoru HONDA	07/31/2009														
RECEIVING PARTY DATA															
Name:	Toyota Boshoku Kabushiki Kaisha														
Street Address:	1-1, Toyoda-cho, Kariya-shi,														
City:	Aichi														
State/Country:	JAPAN														
Postal Code:	448-8651														
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>12529769</td></tr></tbody></table>	Property Type	Number	Application Number:	12529769											
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Application Number:	12529769														
CORRESPONDENCE DATA															
Fax Number: (703)716-1180 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 703-716-1191															
Email: gbpatent@gbpatent.com															
Correspondent Name: GREENBLUM & BERNSTEIN, P.L.C.															
Address Line 1: 1950 ROLAND CLARKE PLACE															
Address Line 4: RESTON, VIRGINIA 20191															
ATTORNEY DOCKET NUMBER:	P36907														
NAME OF SUBMITTER:	Daniel B. Moon														

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(NATIONAL PHASE APPLICATION - PATENT APPLICATION FILED ON THE SAME DAY
US ONLY)

ASSIGNMENT

WHEREAS, Kazuhiro FUKUMOTO, a citizen of Japan, whose post office address is c/o Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi 480-1192 Japan, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

FILTER FOR REMOVING A SULFUR-CONTAINING-GAS AND METHOD FOR
REMOVING A SULFUR-CONTAINING-GAS USING THE SAME

for which he has executed, on the same date as this assignment, an application for Letters Patent for the United States to be filed in the United States Patent and Trademark Office, which Application is a National Stage of International Application No. PCT/JP2008/050941, filed January 24, 2008.

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. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043, William E. Lyddane, Reg. No. 41,568 and William S. Boshnick, Reg. No. 44,550, 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, Toyota Boshoku Kabushiki Kaisha, a corporation organized and existing under the laws of the State of Japan, whose post-office address is 1-1, Toyoda-cho, Kariya-shi, Aichi 448-8651 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, reexaminations, 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 ASSIGNOR hereby assigns, sells and transfers 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 and all rights to sue for past and future infringement thereunder, 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, reexaminations, 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, reexaminations, 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 ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees 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 ASSIGNOR authorizes and requests 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 by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness:

Mariko Fujimura
(Name) **Mariko FUJIMURA**

July 28, 2009
(Date)

Kazuhiro Fukumoto
Kazuhiro FUKUMOTO

July 27, 2009
(Date)

Second Witness:

Sachi Matsukawa
(Name) **Sachi MATSUKAWA**

July 28, 2009
(Date)

(NATIONAL PHASE APPLICATION - PATENT APPLICATION FILED ON THE SAME DAY
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ASSIGNMENT

WHEREAS, Minoru TAKAHARA, a citizen of Japan, whose post office address is c/o Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi 480-1192 Japan, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

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First Witness:

Mariko Fujimura
(Name) Mariko FUJIMURA

July 28, 2009
(Date)

Minoru Takahara
Minoru TAKAHARA

July 27, 2009
(Date)

Second Witness:

Sachi Matsukawa
(Name) Sachi MATSUKAWA

July 28, 2009
(Date)

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ASSIGNMENT

WHEREAS, Kenichirou SUZUKI, a citizen of Japan, whose post office address is c/o Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi 480-1192 Japan, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

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First Witness:

Mariko Fujimura
(Name) Mariko FUJIMURA

July 28, 2009
(Date)

Kenichirou Suzuki
Kenichirou SUZUKI

July 27, 2009
(Date)

Second Witness:

Sachi Matsukawa
(Name) Sachi MATSUKAWA

July 28, 2009
(Date)

(NATIONAL PHASE APPLICATION - PATENT APPLICATION FILED ON THE SAME DAY
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ASSIGNMENT

WHEREAS, Nobuhiko NAKAGAKI, a citizen of Japan, whose post office address is c/o Toyota Boshoku Kabushiki Kaisha, 1-1, Toyoda-cho, Kariya-shi, Aichi 448-8651 Japan, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

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First Witness:

Atsushi Nabata
(Name) **Atsushi NABATA**

July 31, 2009
(Date)

Nobuhiko Nakagaki
Nobuhiko NAKAGAKI

July 31, 2009
(Date)

Second Witness:

Keiichi Mizoguchi
(Name) **Keiichi MIZOGUCHI**

July 31, 2009
(Date)

(NATIONAL PHASE APPLICATION - PATENT APPLICATION FILED ON THE SAME DAY
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ASSIGNMENT

WHEREAS, Yasunari ARAI, a citizen of Japan, whose post office address is c/o Toyota Boshoku Kabushiki Kaisha, 1-1, Toyoda-cho, Kariya-shi, Aichi 448-8651 Japan, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

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First Witness:

Atsushi Nabata
(Name) **Atsushi NABATA**

July 31, 2009
(Date)

Yasunari Arai
Yasunari ARAI

July 31, 2009
(Date)

Second Witness:

Keiichi Mizoguchi
(Name) **Keiichi MIZOGUCHI**

July 31, 2009
(Date)

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WHEREAS, Minoru HONDA, a citizen of Japan, whose post office address is c/o Toyota Boshoku Kabushiki Kaisha, 1-1, Toyoda-cho, Kariya-shi, Aichi 448-8651 Japan, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

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Atsushi Nabata
(Name) Atsushi NABATA

July 31, 2009
(Date)

Minoru Honda
Minoru HONDA

July 31, 2009
(Date)

Second Witness:

Keiichi Mizoguchi
(Name) Keiichi MIZOGUCHI

July 31, 2009
(Date)