

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tadaharu Watanabe</td> <td>08/10/2009</td> </tr> <tr> <td>Mark Raynor</td> <td>07/30/2009</td> </tr> <tr> <td>Ade Lau</td> <td>07/30/2009</td> </tr> <tr> <td>Hiroataka Mangyo</td> <td>08/20/2009</td> </tr> </tbody> </table>		Name	Execution Date	Tadaharu Watanabe	08/10/2009	Mark Raynor	07/30/2009	Ade Lau	07/30/2009	Hiroataka Mangyo	08/20/2009
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Mark Raynor	07/30/2009										
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<b>RECEIVING PARTY DATA</b>											
Name:	Matheson Tri-Gas										
Street Address:	150 Allen Road										
City:	Basking Ridge										
State/Country:	NEW JERSEY										
Postal Code:	07920										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12466272</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12466272						
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Application Number:	12466272										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(415)576-0300										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	303-571-4000										
Email:	gbernard@townsend.com										
Correspondent Name:	Eugene J. Bernard										
Address Line 1:	Townsend and Townsend and Crew LLP										
Address Line 2:	Two Embarcadero Center - 8th Floor										
Address Line 4:	San Francisco, CALIFORNIA 94111										
ATTORNEY DOCKET NUMBER:	026164-004510US										
NAME OF SUBMITTER:	Eugene J. Bernard										

CH \$40.00 12466272

Total Attachments: 2

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Attorney Docket No.: 026164-004510US  
 Client Reference No.: MTG-YTC 55A

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Tadaharu Watanabe of 1861 Lefthand Circle, Longmont, CO 80501; Mark Raynor of 1861 Lefthand Circle, Longmont, CO 80501; Ade Lau of 1861 Lefthand Circle, Longmont, CO 80501; and Hirotsuka Mangyo of 1861 Lefthand Circle, Longmont, CO 80501, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: REMOVAL OF IMPURITIES FROM HYDROGEN-CONTAINING MATERIALS

Date(s) of execution of Declaration:

Filing Date: May 14, 2009

Application No.: 12/466,272; and


WHEREAS, Matheson Tri-Gas, located at 150 Allen Road, Basking Ridge, NJ 07920, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

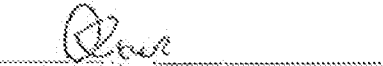
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vent title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

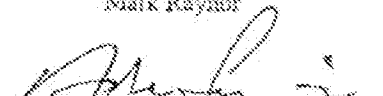
Date: August 10, 2009

  
 Tadaharu Watanabe

Date: July 30, 2009

  
 Mark Raynor

Date: July 30, 2009

  
 Ade Lau

Assignment

Attorney Docket No.: 026164-004516US

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Dated: Aug. 20, 2009

Taba Mangyo  
Hirofaka Mangyo

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