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09/954239



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Conveyance Type

Assignment Security Agreement

License Change of Name **09/954239**

Merger Other

U.S. Government
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Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) **Watanabe, Tadaharu**

Execution Date
Month Day Year

Name (line 2)

08/27/01

Second Party

Name (line 1) **Fraenkel, Dan**

Execution Date
Month Day Year

Name (line 2)

08/27/01

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) **Matheson Tri-Gas**

Name (line 2) **a Colorado corporation**

Address (line 1) **1861 Lefthand Circle**

Address (line 2)

Address (line 3) **Longmont**

City

CO/US

State/Country

80501

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment)

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Address (line 3)

Address (line 4)

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Correspondent Name and Address Area Code and Telephone Number **(720) 406-5385**

Name (line 1) **Sarah S. O'Rourke**

Address (line 1) **Hogan & Hartson LLP**

Address (line 2) **1200 17th Street, Suite 1500**

Address (line 3) **Denver, CO 80202**

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments # **6**

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned

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PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties Enter the total number of properties involved #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # **50-1123**

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Sarah S. O'Rourke, 41,226 *Sarah O'Rourke* **SEPT. 17, 2001**

Name of Person Signing Signature Date

ASSIGNMENT

WHEREAS, we, Tadaharu Watanabe having a residence address of 1995 E. Coalton Road, Superior, CO 80027 and Dan Fraenkel, having a residence address of 1050 Albion Way, Boulder, CO 80305, have made a certain new and useful invention relating to a METHOD AND MATERIALS FOR PURIFYING HYDRIDE GASES, INERT GASES AND NON-REACTIVE GASES, for which we are making or we have made application for Letters Patent of the United States, said application being identified by Docket No. MTG002.001 and Client/Matter No. 82870.0003.001, in the law firm of HOGAN & HARTSON LLP, One Tabor Center, 1200 17th Street, Suite 1500, Denver, Colorado 80202, and which is executed concurrently herewith, and

WHEREAS, we now own the entire right, title and interest therein; and

WHEREAS, Matheson Tri-Gas, hereinafter ASSIGNEE, a Colorado corporation, whose mailing address is 1861 Lefthand Circle, Longmont, CO 80501, is desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor;

NOW THEREFORE, upon consideration of our employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, we do hereby sell and assign unto ASSIGNEE, and ASSIGNEE's legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both of the

United States and of other countries, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, we do hereby covenant and agree with ASSIGNEE that we will not execute any writing or do any act whatsoever conflicting with this assignment, and that we will, at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, execute such additional assignments and other writings and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

Date: 8.27.01

Dan Fraenkel

Dan Fraenkel

STATE OF COLORADO)

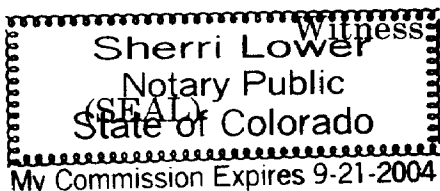
) ss.

COUNTY OF Boulder)

On this 27th day of August, 2001, before me, a notary public in and for said county, appeared, Dan Fraenkel who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed, and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.

My commission expires _____.

Witness my hand and official seal.

 Sherri Lower
Notary Public
State of Colorado
My Commission Expires 9-21-2004

Sherri Lower
Notary Public

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