



03-28-2002

FORM PTO-1595

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Office

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RECC



102034151

U.S. Department of Commerce
Patent and Trademark

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Tadaharu Watanabe
Dan Fraenkel

3-21-02

Name and address of receiving party(ies)

Matheson Tri-Gas
1861 Lefthand Circle
Longmont, CO 80501Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other☐ Merger☐ Change of Name

Execution Date: March 19, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/003,179

B. Patent No.(s)

Attorney Docket No.: MTG009

Additional numbers attached? ☐ Yes ☒ No

5. Name and Address of party to whom correspondence concerning document should be mailed:

Name: Steven C. PetersenInternal Address: Hogan & Hartson LLPOne Tabor Center1200 17th Street, Suite 1500Street Address: same as aboveCity: Denver State: CO Zip: 802026. Total number of applications and patents involved:
1

7. Total fee (37 CFR 3.41) \$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1123

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.

Sarah O'Rourke

Name of Person signing

Signature

March 21, 2002

Date

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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 715 Monument Road Apt. #26, Ponca City, OK 74604, have made a certain new and useful invention relating to a MATERIALS AND METHODS FOR THE PURIFICATION OF HYDRIDE GASES, for which we are making or we have made application for Letters Patent of the United States, said application being identified by Serial No. 10/003,179, and

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

WHEREAS, Matheson Tri-Gas, hereinafter ASSIGNEE, a Delaware 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.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals on the date hereinafter set forth.

Date: 3/19/02 
Tadaharu Watanabe

STATE OF COLORADO)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2002, before me, a notary public in and for said county, appeared Tadaharu Watanabe 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.

(SEAL) _____
Notary Public

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Date: March 11, 2002

Dan Fraenkel
Dan Fraenkel

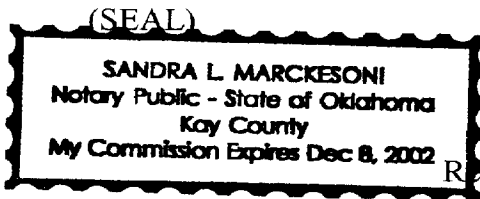
STATE OF OKLAHOMA)
COUNTY OF KAY)

ss.

On this 11th day of March, 2002, 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 Dec 8, 2002.

Witness my hand and official seal.



Sandra L. Marckesoni
Notary Public

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