

10-11-2002



FORM PTO-1595

(Rev. 3-01)

OMB No. 0651-0027 (exp. 5/31/2002)

102247003

R SHEET U.S. Department of Commerce

Patent and Trademark Office

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

1. Name of conveying party(ies): Hans Funke, et al. Dan Fraenkel Virginia Houlding <i>10/03/02</i> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name and address of receiving party(ies) Name: Matheson Tri-Gas, Inc. Street address: 1861 Lefthand Circle, Longmont, CO 80501 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other Execution Date: <u>2/5/01</u>	2. Name and address of receiving party(ies) Name: Matheson Tri-Gas, Inc. Street address: 1861 Lefthand Circle, Longmont, CO 80501 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): <i>10/263910</i> If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) Attorney Docket No.: MTG004 CIP DIV4 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No.(s)
5. Name and Address of party to whom correspondence concerning document should be mailed: Name: <u>Steven C. Petersen</u> Internal Address: <u>Hogan & Hartson LLP</u> <u>One Tabor Center</u> <u>1200 17th Street, Suite 1500</u> Street Address: <u>same as above</u> City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>50-1123</u> (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature. <i>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.</i> <u>Sarah O'Rourke</u> <i>[Signature]</i> <u>Oct. 2, 2002</u> Name of Person signing Signature Date Total number of pages including cover sheet, attachments and document: <u>4</u>
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ASSIGNMENT

WHEREAS, we, Hans H. Funke; having a residence address of 1131 Cranbrook Ct., Boulder, CO 80305; Dan Fraenkel having a residence address of 1050 Albion Way, Boulder, CO 80305 and Virginia Houlding, having a residence address of 2921 4th Street, Boulder, CO 80304, have made a certain new and useful invention relating to a Method and Materials for Purifying Reactive Gases Using Preconditioned Ultra-Low Emission Carbon Material, for which we are making or we have made application for Letters Patent of the United States, said application being identified by Docket No. MTG004.001 and Client/Matter No. 82870.0004.001, 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 Inc., hereinafter ASSIGNEE, a Delaware Corporation, whose post office 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: 2/5/01

Hans H. Funke
Hans H. Funke;

STATE OF COLORADO)

COUNTY OF Boulder)

ss.

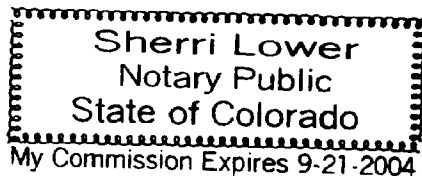
On this 5th day of February, 2001, before me, a notary public in and for said county, appeared Hans H. Funke; who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed, and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.

My commission expires _____.

Witness my hand and official seal.

(SEAL)

Sherri Lower
Notary Public



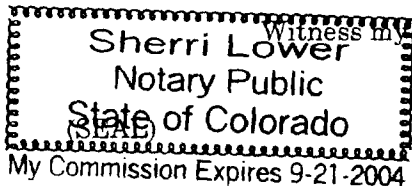
Date: Feb 5, 2001

Dan Fraenkel
Dan Fraenkel

STATE OF COLORADO)
)
COUNTY OF Boulder) ss.

On this 5th day of February, 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

Date: Feb 5, 2001

Virginia H. Houlding
Virginia H. Houlding

STATE OF COLORADO)
)
COUNTY OF Boulder) ss.

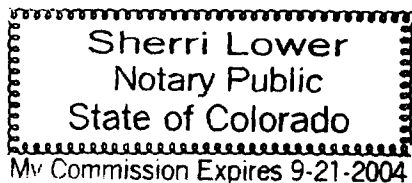
On this 5th day of February, 2001, before me, a notary public in and for said county, appeared Virginia H. Houlding, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed, and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.

My commission expires _____.

Witness my hand and official seal.

(SEAL)

Sherri Lower
Notary Public


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