

02-15-2002

FORM PTO-1595
(Rev. 8-93)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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OMB No. 0651-0011 (exp. 4/94)

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

1. Name of conveying party(ies):

Chuen Y. Yeh
Lawrence L. Murrell
Philip Jay Angevine

Additional name(s) of conveying party(ies) attached:

Yes No

2. Name and address of receiving party(ies):

Name: ABB Lummus Global Inc.

Internal Address: _____

Street Address: 1515 Broad Street

City: Bloomfield State: New Jersey Zip: 07003

Additional name(s) & address(es) attached: Yes No

3. Nature of conveyance:

Assignment Merger

Security/Agreement Change of Name

Other _____

Execution Date: December 13, 2001

4. Application number(s): 09/981,926 - Filed: October 17, 2001

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Raymond J. Lillie, Esq.

Internal Address: Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein

Street Address: 6 Becker Farm Road

City: Roseland State: New Jersey Zip: 07068

6. 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:

03-0678

(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.

Raymond J. Lillie, Esq.

Name of Person Signing

Signature

January 17, 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

02/15/2002 6TON11 00000012 09981926

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PATENT
REEL: 012568 FRAME: 0299

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Rudolf Overbeek, Plantage 5, 3742 DL Baarn, Netherlands, Nelleke van der Puil, Radioweg 22, 1098 NH Amsteram, Netherlands, Chuen Y. Yeh, 15 Stratford Circle, Edison, New Jersey 08820, Lawrence L. Murrell, 1229 MDonough Street, South Plainfield, New Jersey 07080, Yun-Feng Chang, 1420 Marina Bay Drive, Kemah, Texas 77565, Philip Jay Angevine, 713 Maegus Drive, Woodburry, New Jersey 08096 and Johannes Hendrik Koegler, Panoramastrasse 113, 69126 Heidelberg, Germany, hereby sells, assigns and transfers to ABB Lummus Global Inc., incorporated ("Assignee") having a place of business at 1515 Broad Street, Bloomfield, New Jersey 07003, a New Jersey Corporation, its successors, assigns and legal representatives, his entire right, title and interest for the United States and all other countries, in and to the improvements(s) known as United States Application Serial No. 09/981,926 , filed October 17, 2001, and/or executed on even date herewith and is entitled:

IMPROVED ZEOLITES AND MOLECULAR SIEVES AND THE USE THEREOF

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all other countries on said improvements (hereinafter collectively, the "Improvements").

The undersigned further agrees that said Assignee may apply for and receive Letters Patent for said Improvements in its own name; and, when requested, without charge to but at the expense of Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on all such Improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives all facts known to the undersigned relating to said Improvements and the history thereof; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said Improvements and for vesting title to said Improvements and all applications for patent and all patents on said improvements in Assignee, its successors, assigns and representatives.

The undersigned hereby represents and warrants to Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other right or agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that full right to convey the same as expressed herein is possessed by the undersigned.

The undersigned hereby grants power to Alan J. Grant (Reg. No. 33,389), John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); William Squire (Reg. No. 25,378); and John N. Bain (Reg. No. 18,651) to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document. Address correspondence and telephone calls to Raymond J. Lillie c/o of Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, New Jersey 07068

IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature: _____ Date: _____
Rudolf Overbeek

STATE OF _____, COUNTY OF _____ SS.:

Before me this _____ day of _____, 2001, personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

Notary Public

Inventor's Signature: _____ Date: _____
Nelleke van der Puil

STATE OF _____, COUNTY OF _____ SS.:

Before me this _____ day of _____, 2001, personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

Notary Public

Inventor's Signature: Chuen Y. Yeh Date: 12/13/01
Chuen Y. Yeh

STATE OF NJ, COUNTY OF ESSEX SS.:

Before me this 13th day of DECEMBER, 2001, personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

Jayne Ann Innes
Notary Public

JAYME ANN INNES
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JUNE 19, 2006

Inventor's Signature: Lawrence Murrell Date: December 13, 2001
Lawrence L. Murrell

STATE OF NJ, COUNTY OF ESSEX SS.:

Before me this 13th day of DECEMBER, 2001, personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

Jayne Ann Innes
Notary Public

JAYME ANN INNES
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JUNE 19, 2006

Inventor's Signature: _____ Date: _____
Yun-Feng Chang

STATE OF _____, COUNTY OF _____ SS.:

Before me this _____ day of _____, 2001, personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

Notary Public

Inventor's Signature: Philip Jay Angevine Date: 12/13/01
Philip Jay Angevine

STATE OF NJ, COUNTY OF ESSEX SS.:

Before me this 13th day of DECEMBER, 2001, personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

Jayne Ann Innes
Notary Public

JAYME ANN INNES
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JUNE 19, 2006

Inventor's Signature: _____ Date: _____

Johannes Hendrik Koegler

STATE OF _____, COUNTY OF _____ SS.:

Before me this _____ day of _____, 2001, personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

Notary Public

CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI, STEWART & OLSTEIN
6 Becker Farm Road - Roseland, NJ 07068 - (973) 994-1700

Docket No. 415000-683
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