

Form PTO-1595 (Rev. 03/01) **RECORDATION FORM COVER SHEET** U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office  
**PATENTS ONLY**  
 OMB No. 0651-0027 (exp. 5/31/2002)

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

1. Name of conveying party(ies):  
 Shyng-Tsong Chen (07/13/2001), Kenneth P. Rodbell (07/12/2001), Kenneth Davis (07/13/2001)  
 Da  
 Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
 Name: INTERNATIONAL BUSINESS MACHINES CORPORATION  
 Internal Address: \_\_\_\_\_  
 Street Address: \_\_\_\_\_  
 New Orchard Road  
 City: Armonk  
 State: NY Zip: 10504  
 Additional name(s) & address(es) attached:  Yes  No


3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
 Execution Date: see Box 1, conveying parties


4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the new application is: \_\_\_\_\_  
 A. Patent Application No.(s): 09/715,184  
 B. Patent No.(s): \_\_\_\_\_  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Burton A. Amernick  
 CONNOLLY BOVE LODGE & HUTZ LLP  
 Internal Address: Atty. Dkt.: 20140-00262-US  
 Street Address: 1990 M Street, N.W., Suite 800  
 City: Washington State: DC Zip: 20036-3425

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  
 Authorized to be charged to credit card (Form 2038 enclosed)  
 8. Deposit account number: 50-0510  
 (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.*  
 Myron Keith Wyche - 47,341 Name of Person Signing  Signature January 26, 2004 Date  
 Total number of pages including cover sheet, attachments, and documents: 9

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 306-5995, on the date shown below.  
 Dated: 1.26.04 Signature:  (Joy D. Pickett)

CH \$40.00 500510 09715184

Form PTO-1595

**RECORDATION FORM COVER SHEET  
(continued)**

**Additional Conveying Party(ies) (1. Continued):**

Oscar K. Chi Hsu (04/30/2001), Jean Vangsness (04/30/2001), David S. Gilbride (05/11/2001), and Scott C. Billings (05/11/2001)

**Additional Assignees (2. Continued):**

Assignee Name: Freudenberg Nonwovens, Ltd. Partnership

Internal Address:

Street Address: 221 Jackson Street

City: Lowell State: Massachusetts Zip Code: 01852

Assignee Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**Additional Applications and/or Patents (4. Continued):**

Additional Patent Application Numbers  
4A. Continued:

Additional Patent Numbers  
4B. Continued:

Additional numbers attached?  Yes  No

**ASSIGNMENT**

IBM Docket No.: YOR920000506US1

Whereas, We,

Shyng-Tsong Chen  
County of Putnam

City of Patterson  
and state of New York

Kenneth P. Rodbell  
County of Fairfield

City of Sandy Hook  
and state of Connecticut

Kenneth Davis  
County of Orange

City of Newburgh  
and state of New York

have invented certain improvements in

**POLISHING PADS WITH POLYMER FILLED FIBROUS WEB, AND METHODS FOR  
FABRICATING AND USING SAME**

and have executed, respectively, a United States patent application therefor on

- (1) July 13, 2001
- (2) July 12, 2001
- (3) July 13, 2001

And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, We the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns, and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

SIGNED AND SEALED

(1) signed at Yorktown Heights  
on July 13, 2001

  
Shyng-Tsong Chen

(2) signed at Yorktown Heights, NY  
on 7/12/01

Kenneth P. Rodbell  
Kenneth P. Rodbell

(3) signed at Yorktown Heights, NY  
on 7/13/01

Kenneth P. Davis  
Kenneth Davis

(Taiwan)  
IBM Docket No: YOR920000506US1

**OATH & ASSIGNMENT**

- 1. The undersigned,
  - (1) Oscar Kai Chi Hsu
  - (2) Jean Vangsness
  - (3) David S. Gilbride
  - (4) Scott Clayton Billings

citizen(s) of: United States of America

- residing at:
  - (1) 255 North Road, Chelmsford, Massachusetts  
01824 USA
  - (2) 15 Seven Star Lane, Stow, Massachusetts 01775  
USA
  - (3) 64 Plummer Avenue, Lowell, Massachusetts  
01852 USA
  - (4) 6B Kasher Drive, Kingston, New Hampshire  
03848 USA

hereby undertake that the invention/new utility model/new design entitled:

**POLISHING PADS WITH POLYMER FILLED FIBROUS WEB, AND METHODS FOR FABRICATING AND USING SAME**

was truly invented by me/us. The undersigned agree to accept punishments provided for in laws in case of any imposture, plagiarism, imitation or deceptive activities.

- 2. The undersigned hereby assign all my/our rights and interests regarding the invention/new utility model, new design as far as the Republic of China is concerned to:

**FREUDENBERG NONWOVENS, LTD. PARTNERSHIP**

(hereinafter called "Assignee"), a corporation organized and existing under the laws of New York, United States of America

and located at 221 Jackson Street, Lowell, Massachusetts 01852 USA,

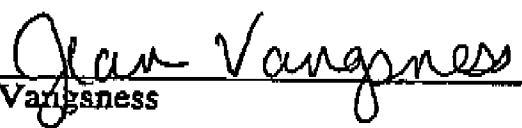
and do hereby declare that the Assignee is entitled to applying for and obtaining patent rights on the invention/new utility model/new design in its own name in the REPUBLIC OF CHINA.

SIGNATURES


DATE

  
Oscar Kai Chi Hsu

4/20/01

  
Jean Vangness

4/30/01

  
David S. Gilbride

5/11/01

  
Scott Clayton Billings

5/11/01

IBM Docket No. YOR920000506US1

Patents of Invention or Design - Thailand

DEED OF ASSIGNMENT

Date: \_\_\_\_\_

Title of Invention/Design: POLISHING PADS WITH POLYMER FILLED FIBROUS WEB, AND METHODS FOR FABRICATING AND USING SAME


- Assignor(s): (1) Oscar Kai Chi Hsu
- (2) Jean Vangsness
- (3) David S. Gilbride
- (4) Scott Clayton Billings

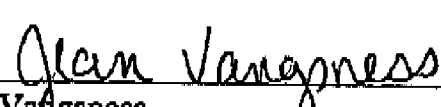
Assignee: Freudenberg Nonwovens, Ltd. Partnership  
221 Jackson Street, Lowell, Massachusetts 01852 USA

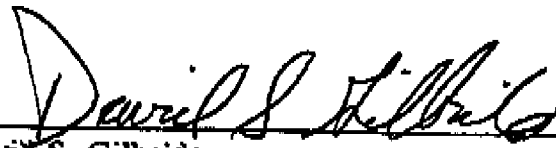
The Assignor(s) declare that I/we are the inventor(s) of the above-mentioned invention/design and for due consideration hereby assign the right to apply for and obtain patents therefor in Thailand to the Assignee and the Assignee hereby accepts such assignment.

In witness whereof, the Assignor(s) and Assignee have signed their names below, effective on the date above.

ASSIGNORS:

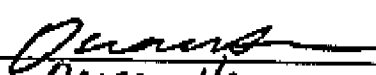
(1)   
Oscar Kai Chi Hsu

(2)   
Jean Vangsness

(3)   
David S. Gilbride

(4)   
Scott Clayton Billings

ASSIGNEE:

  
OSCAR HSU  
(Please print name)  
Duly Authorized Signatory

ASSIGNMENT

Whereas, We,

Oscar Kai Chi Hsu  
County of Middlesex

Jean Vangsness  
County of Middlesex

David S. Gilbride  
County of Middlesex

Scott Clayton Billings  
County of Rockingham

City of Chelmsford  
and Commonwealth of Massachusetts

City of Stow  
and Commonwealth of Massachusetts

City of Lowell  
and Commonwealth of Massachusetts

City of Kingston  
and state of New Hampshire

have invented certain improvements in

POLISHING PAD GROOVING METHOD AND APPARATUS

and have executed, respectively, a United States patent application therefor on

- (1) \_\_\_\_\_
- (2) \_\_\_\_\_
- (3) \_\_\_\_\_
- (4) \_\_\_\_\_

And whereas, FREUDENBERG NONWOVENS, LTD. PARTNERSHIP, a corporation of Massachusetts, having a place of business at 221 Jackson Street, Lowell, Massachusetts 01852 (hereinafter called FREUDENBERG), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, We the above named hereby sell, assign, and transfer to FREUDENBERG, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to FREUDENBERG, its successors and assigns, and we hereby agree that FREUDENBERG may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by FREUDENBERG.

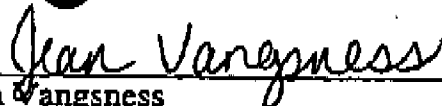
SIGNED AND SEALED

(1) signed at  
on 4/30/01

  
Oscar Kai Chi Hsu



(2) signed at  
on 4/30/01

  
\_\_\_\_\_  
Jean Vangness

(3) signed at  
on 5/5/01

  
\_\_\_\_\_  
David S. Gilbride

(4) signed at  
on 5/5/01

  
\_\_\_\_\_  
Scott Clayton Billings