

05-01-2003



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U.S. DEPARTMENT OF COMMERCE
U.S. 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):

Ho-Cheol Kim

Robert Dennis Miller

4-22-03

2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address: _____

Street Address: New Orchard RoadCity: Armonk State: NY Zip: 10504Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: 4/18/03

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: 4/18/03

A. Patent Application No.(s)

10421394

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: IBM Corporation

Internal Address: _____

Intellectual Property Law (C4TA/J2B)Street Address: 650 Harry Road

City: _____ State: _____ Zip: _____

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

09-0441

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

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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.

Daniel E. Johnson

Name of Person Signing

Daniel E. Johnson

Signature

4/22/03

Date

Total number of pages including cover sheet, attachments, and documents: 3

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

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04/30/2003 LNUELLER 00000002 090441 10421394

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PATENT
REEL: 014006 FRAME: 0363

ASSIGNMENT

Whereas, we,

(1) **Ho-Cheol Kim**City of **San Jose**
County of **Santa Clara**
State of **California**(2) **Robert Dennis Miller**City of **San Jose**
County of **Santa Clara**
State of **California**have invented certain improvements in *(Title of Invention)*:**PATTERNED SUBSTRATE WITH HYDROPHILIC/HYDROPHOBIC CONTRAST,
AND METHOD OF USE**

and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) April 18, 2003 (2) April 18, 2003

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 inventions 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.

Execution by Inventors(1) Inventor: **Ho-Cheol Kim**

City/State:

San Jose, CA

Signature

H-C-K

Date

4-18-2003(2) Inventor: **Robert Dennis Miller**

City/State:

San Jose CA

Signature

Robert Dennis Miller

Date

4-18-2003