

FORM PTO-1595

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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):**

**Ching-Te Kent Chuang and Keunwoo Kim**  
Additional name(s) of conveying party(ies)  
attached?

Yes ☐ No ☒

**3. Nature of conveyance:**

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

Execution Date: **August 16, 2005**

**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

**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) **11/181,954, Filed July 14, 2005**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Paul J. Otterstedt**  
Internal Address: **Ryan, Mason & Lewis, LLP**  
Street Address: **1300 Post Road, Suite 205**  
City: **Fairfield** State: **CT** ZIP: **06824**

**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 50-0510**

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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.*

**Paul J. Otterstedt**

Reg. No. **37,411**

*Paul J. Otterstedt*  
Signature

**September 8, 2005**

Date

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YOR920050199US1

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PATENT  
REEL: 016759 FRAME: 0396

CH \$40.00 500510 11181954

Attorney Docket No.: YOR920050199US1

**ASSIGNMENT**

Whereas, we

Inventor (1) **Ching-Te Kent Chuang** of South Salem  
County of Westchester and State of New York

(2) **Keunwoo Kim** of Somers  
County of Westchester and State of New York

have invented certain improvements in

**TITLE** **HIGH-DENSITY LOGIC TECHNIQUES WITH REDUCED-STACK  
MULTI-GATE FIELD EFFECT TRANSISTORS**

executed by us on even date herewith,

**DATE THAT** (1) August 16, 2005 (2) August 16, 2005.  
**INVENTORS**  
**SIGNED THE**  
**DECLARATION**

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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.

**CITY** Signed  
**DATE** (1) at Yorktown Heights Ching-Te Kent Chuang SIGNATURE  
on August 16, 2005, (Ching-Te Kent Chuang) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

**CITY** Signed  
**DATE** (2) at Yorktown Heights Keunwoo Kim SIGNATURE  
on August 16, 2005, (Keunwoo Kim) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

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