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 Yes No

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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: **June 23, 2004**

4. Application number(s) or patent number(s): *10878156*

If this document is being filed together with a new application, the execution date of the application is: **June 23, 2004**

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: **Michael J. Chang**

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

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Michael J. Chang  **June 28, 2004**

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PATENT
 REEL: 015532 FRAME: 0548

17497 U.S. PTO
 10/878156
 062804

ASSIGNMENT

Whereas, I

Inventor
and City

(1) **Daniel Christopher Worledge**
County of Dutchess

of Poughquag
and State of New York

have invented certain improvements in

TITLE

**TECHNIQUES FOR REDUCING NEEL COUPLING IN TOGGLE SWITCHING
SEMICONDUCTOR DEVICES**

executed by me on even date herewith,

DATE THAT
INVENTOR
SIGNED THE
DECLARATION

(1) June 23, 2004.

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, I 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed
CITY (1) at Yorktown Heights, NY D. Worledge SIGNATURE
DATE on June 23, 2004, (Daniel Christopher Worledge) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME