

03-15-2002

Docket No.: FIS920010243US1

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



102017355

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2/22/02

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

1. Name of conveying party(ies):

Tze-Chiang Chen
Liang-Kai Han

Additional names(s) of conveying party(ies) Yes No

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

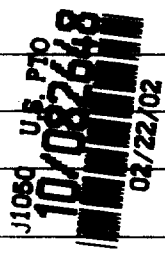
Name: International Business Machines Corporation

Address: New Orchard Road

City: Armonk State/Prov.: NY

Country: USA ZIP: 10504

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



3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 02/07/02, 02/18/02

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 02/07/02, 02/18/02.

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL IN AN ENVELOPE ADDRESSED TO: UNITED STATES PATENT & TRADEMARK OFFICE, PO BOX 2327, ARLINGTON, VA 22202 ON

B. Patent No.(s)

10/082648

Date of Deposit: 2-22-02

Express Mail No: ET926726302US

Name of Person Making Deposit: KAREN CING-MARS

Additional numbers

Yes No

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

Name: Sean F. Sullivan, Esq.

Registration No. 38,328

Address: Cantor Colburn LLP

55 Griffin Road South

03/15/2002 BT0N11 00000090 090458 10082648

01 FC:581 40.00 CH

City: Bloomfield State/Prov.: CT

Country: USA ZIP: 06002

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
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8. Deposit account number:

09-0458 (FI-070)

(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.

Ira David Blecker, Reg. # 29,894

Name of Person Signing

Ira David Blecker

Signature

Feb. 22, 2002

Date

3

Total number of pages including cover sheet, attachments, and

PATENT

REEL: 012663 FRAME: 0205

A S S I G N M E N T

Whereas, We

Inventor (1) Tze-Chiang Chen of 3170 Cedar Road of Yorktown Heights
County of Westchester and State of NY 10598.

Inventor (2) Liang-Kai Han of 9H Millholland Drive City of Fishkill
County of Dutchess and State of NY 12524

have invented certain improvements in

DEEP TRENCH ISOLATION OF EMBEDDED DRAM FOR IMPROVED LATCH-UP IMMUNITY

and executed, respectively, a United States patent application therefore on

(1) Feb. 7, 2002 (2) _____

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, and, 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 and Trademarks 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.

Signed

(1) at Erst Fishkill, New York [Signature]
on Feb 7, 2002
(2) at _____
on _____

A S S I G N M E N T

Whereas, We

Inventor (1) Tze-Chiang Chen of 3170 Cedar Road of Yorktown Heights
County of Westchester and State of NY 10598.

Inventor (2) Liang-Kai Han of 9H Millholland Drive City of Fishkill
County of Dutchess and State of NY 12524

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and executed, respectively, a United States patent application therefore on

(1) Feb. 7, 2002 (2) Feb. 18, 2002

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, and, 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 and Trademarks 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.

Signed

(1) at Erst Fishkill, New York [Signature]
on Feb 7, 2002

(2) at Hsinchu, Taiwan [Signature]
on Feb. 18, 2002