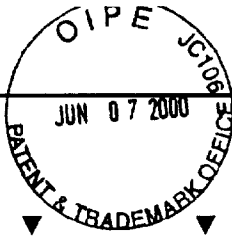


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06-22-2000



101387583

Docket No.: FIS9-1999-0291-US1

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

6-7-00

To the Honorable Commissioner of Patent

... attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Jack A. Mandelman, Ramachandra Divakaruni,  
William R. Tonti**

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

Name: **International Business Machines Corporation**

Internal Address: \_\_\_\_\_

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: **2070 Route 52**

City: **Hopewell Junction** State: **NY** ZIP: **12533**

Execution Date: **4/13/00; 4/18/00; 5/02/00**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

**09/560,073**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Philmore H. Colburn II**

Internal Address: **Cantor Colburn LLP**

Street Address: **55 Griffin Road South**

City: **Bloomfield** State: **CT** 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  
☒ Authorized to be charged to deposit account

8. Deposit account number:

**09-0458 FI -214**

06/20/2000 ASCOTT 00000101 090458 09560073

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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.*

**Steven Capella, Reg. No. 33,086**

Name of Person Signing

*Steven Capella*

Signature

**June 5, 2000**

Date

Total number of pages including cover sheet, attachments, and document: **5**

PATENT

REEL: 010863 FRAME: 0252

## A S S I G N M E N T

Whereas, we

- (1) Jack A. Mandelman of 5 Jamie Lane, Stormville,  
County of Dutchess and State of New York, 12582
- (2) ~~Rama~~ <sup>RAMACHANDRA</sup> Divakaruni of ~~219 Berkman Drive, Middletown,~~ <sup>1318 Heritage Hills, Somers,</sup>  
County of Dutchess and State of New York, ~~10941~~ <sup>10587</sup> R.D.  
4/18/00

and

- (3) William R. Tonti of 4 Bluestem Road, Essex Junction,  
County of Chittenden and State of Vermont, 05452

have invented certain improvements in

METHOD OF FORMING BITLINE DIFFUSION HALO UNDER GATE CONDUCTOR LEDGE

and executed a United States Patent Application therefor on

(1) 4-13-00 (2) 4-18-00, and (3) \_\_\_\_\_.

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 the 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 Patents granted upon the invention 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.

## A S S I G N M E N T (Continued)

Signed

- (1) at \_\_\_\_\_  
on E. FISHKILL, N.Y.  
4-13-00 Jack A. Mandelman  
Jack A. Mandelman
- (2) at E. Fishkill, NY  
on 4-18-00 Ramachandra Divakaruni  
Rama Divakaruni  
ED  
RAMACHANDRA
- (3) at \_\_\_\_\_  
on \_\_\_\_\_ William R. Tonti

## A S S I G N M E N T

Whereas, we

- (1) Jack A. Mandelman of 5 Jamie Lane, Stormville,  
County of Dutchess and State of New York, 12582
- (2) Rama Divakaruni of 219 Berkman Drive, Middletown,  
County of Dutchess and State of New York, 10941
- and
- (3) William R. Tonti of 4 Bluestem Road, Essex Junction,  
County of Chittenden and State of Vermont, 05452

have invented certain improvements in

METHOD OF FORMING BITLINE DIFFUSION HALO UNDER GATE CONDUCTOR LEDGE

---

and executed a United States Patent Application therefor on

(1) \_\_\_\_\_, (2) \_\_\_\_\_, and (3) 5/2/00.

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 the 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 Patents granted upon the invention 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.

## A S S I G N M E N T (Continued)

Signed

- (1) at \_\_\_\_\_  
on \_\_\_\_\_ Jack A. Mandelman
- (2) at \_\_\_\_\_  
on \_\_\_\_\_ Rama Divakaruni
- (3) at ESSEX JCT VT  
on \_\_\_\_\_ William R. Tonti 5/4/00  
William R. Tonti