

10-16-1998

Docket No.: 11510 (YO998-233)

FORM: PTO-1565 (Modified)  
(Rev. 6-03)  
OMB No. 0651-0011 (exp 4/94)  
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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings

100854537

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

1. Name of conveying party(ies):

- 1. **Fuad Elias Doany**
- 2. **Derek Brian Dove**

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

Name: **International Business Machines Corporation**

Address: **New Orchard Road**

City: **Armonk**

State/Prov.: **New York**

Country: **USA**

ZIP: **10504**

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: **October 5, 1998**

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: **October 5, 1998**

Patent Application No.      Filing date

B. Patent No.(s)

**10/15/1998 SBURMS    00000127 500510    09167156**

**01 FC:581            40.00 CH**

Additional numbers attached?  Yes  No

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

Name: **Richard L. Catania**

Registration No. **32,608**

Address: **Scully, Scott, Murphy & Presser**

**400 Garden City Plaza**

City: **Garden City**      State/Prov.: **New York**

Country: **USA**      ZIP: **11530**

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:

**50-0510/IBM (Yorktown)**

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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.

**Richard L. Catania**

**October 6, 1998**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **2**

**PATENT**  
**REEL: 9505 FRAME: 0535**

10-6-98

10-523 U.S. PTO  
09/16/1998  
10/06/98

(JOINT FORM)

# Assignment

Whereas, we

Inventor  
and City

(1) **Fuad Elias Doany**  
County of **Westchester**

of **Katonah**  
and State of **New York**

and (2) **Derek Brian Dove**  
County of **Westchester**

of **Mount Kisco**  
and State of **New York**

have invented certain improvements in

TITLE **MODIFIED X-CUBE ARRANGEMENT FOR IMPROVED CONTRAST PROJECTION DISPLAY**

and executed, respectively, a United States patent application therefor on  
DATES THAT (1) October 5, 1998, and (2) October 5, 1998.  
INVENTORS  
SIGNED THE  
DECLARATION

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.

Signed and sealed  
CITY (1) at Yorktown Heights, N.Y. X Fuad E. Doany SIGNATURE  
DATE on October 5, 1998, (**Fuad** **E.** **Doany**) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed  
CITY and (2) at Yorktown, N.Y. X Derek B. Dove SIGNATURE  
DATE on October 5, 1998, (**Derek** **B.** **Dove**) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

State of New York ) ss.:  
County of Westchester )

INVENTOR (1) On this 5<sup>th</sup> day of October 1998, before me personally came **Fuad Elias Doany** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Sandra M. Emma  
Notary  
**SANDRA M. EMMA**  
Notary Public, State of New York  
No. 01PO4935290  
Qualified in Westchester County  
Commission Expires July 5, 2000

State of New York ) ss.:  
County of Westchester )

INVENTOR (2) On this 5<sup>th</sup> day of October 1998, before me personally came **Derek Brian Dove** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Sandra M. Emma  
Notary  
**SANDRA M. EMMA**  
Notary Public, State of New York  
No. 01PO4935290  
Qualified in Westchester County  
Commission Expires July 5, 2000