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08/11/98To The Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  Alfred Grill Christopher Vincent Jahnes Vishnubhai Vitthalbhai Patel Katherine Lynn Saenger  Additional name(s) of conveying party(ies) attached? <u>Yes</u> <u>X</u> No	2. Name and address of receiving party(ies):  Name: IBM Corporation Address: Armonk, NY 10504  Additional name(s) & addresses attached? <u>Yes</u> <u>X</u> No
3. Nature of conveyance: X Assignment Execution Date(s): <u>7 and 10 August 1998</u>	4. Patent Application number(s) <u>0 /</u> Execution Date(s):
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Robert M. Trepp Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598	6. Total number of applications involved: <u>1</u>  7. Total fee (37 CFR 3.41): <u>\$40.00</u>  X Charge to Deposit Account No.: <u>09-0468</u>

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## 8. 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 original document.

Kevin M. Jordan (Reg. No. 40,277)

Name of Person Signing

Signature

Date

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(CONT FORM)  
(MORE THAN TWO)

(IBM Docref Y0991-28 )

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## Assignment

Whereas, we

Inventor  
and City

(1) Alfred Grill	of White Plains
County of Westchester	and State of New York
and (2) Christopher Vincent Jahnnes	of Morsey
County of Rockland	and State of New York
and (3) Vishnubhai Vitthalbhai Patel	of Yorktown Heights
County of Westchester	and State of New York
and (4) Katherine Lynn Saenger	of Ossining
County of Westchester	and State of New York

have invented certain improvements in

TITLE: METHOD AND MATERIALS FOR INTEGRATION OF FLUORINE-CONTAINING LOW-K DIELECTRICS

and executed, respectively, a United States patent application therefor on  
DATES THAT (1) August 7, 1998, and (2) August 10, 1998, and (3) August 10, 1998, and  
INVENTORS (4) August 7, 1998.  
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.

CITY	Signed and sealed				
DATE	(1) at Yorktown Heights,	1998, (	ALFRED	GRILL	INVENTOR
	on August 7,		FIRST NAME	MIDDLE INITIAL	LAST NAME
CITY	Signed and sealed				
DATE	and (2) at Yorktown Heights,	1998, (	CHRISTOPHER V.	JAHNES	INVENTOR
	on August 10,		FIRST NAME	MIDDLE INITIAL	LAST NAME
CITY	Signed and sealed				
DATE	and (3) at Yorktown Heights,	1998, (	VISHNUBHAI V.	PATEL	INVENTOR
	on August 10,		FIRST NAME	MIDDLE INITIAL	LAST NAME
CITY	Signed and sealed				
DATE	and (4) at Yorktown Heights,	1998, (	KATHERINE L.	SAENGER	INVENTOR
	on August 7,		FIRST NAME	MIDDLE INITIAL	LAST NAME

DOCKET NO. Y0997-328  
Page 2 of 2


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

INVENTOR (1) On this 7th day of August 1998, before me personally came ALFRED GRILL 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.

  
Notary  
**MICHELLE PARRA**  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 1999


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

INVENTOR (2) On this 10th day of August 1998, before me personally came CHRISTOPHER VINCENT JAHNES 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.

  
Notary  
**MICHELLE PARRA**  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 1999

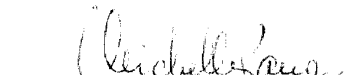
State of New York ) SS.:  
County of Westchester )

INVENTOR (3) On this 10th day of August 1998, before me personally came VISHNUBHAI VIITHALBHAI PATEL 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.

  
Notary  
**MICHELLE PARRA**  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 1999

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

INVENTOR (4) On this 7th day of August 1998, before me personally came KATHERINE LYNN SAENGER 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.

  
Notary  
**MICHELLE PARRA**  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 1999