

FORM PTO-1595 (Modified)
(Rev. 9-93)
OMB No. 0651-0011 (exp. 4/94)
Copyright 1994-97 LegalStar
P08/REV02

MWD
2-24-w^R

03-29-2000



Tab settings

101299727

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Arne Watson Ballantine
Kevin K. Chan
Douglas Duane Coolbaugh
Donna Kaye Johnson

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

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

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

PTO
09/512721
02/24/00

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: 2/16/2000, 2/14/2000, 2/18,2000, 2/15/2000

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: 2/16,2000, 2/14/2000, 2/18,2000, 2/15/2000

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: Richard L. Catania, Reg. No.: 32,608

Internal Address: Scully, Scott, Murphy & Presser

Street Address: 400 Garden City Plaza

City: Garden City State: NY 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:

09-0456/IBM

03/29/2000 DNGUYEN 00000119 090456 09512721

DO NOT USE THIS SPACE

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.

Mark Chadurjian for
William D. Sabo, Reg. No.: 27,465
(802) 769-9454

2/22/00

Name of Person Signing

Signature

3

Date

Total number of pages including cover sheet, attachments, and document

(IBM Docket No.: BU9-99-213)
(SSM&P Docket No. 13019)

ASSIGNMENT

Whereas, we

Inventor and City	(1) Arne Watson Ballantine County of Chittenden ^{Putnam} AWS 2/16/2000	City of Cold Spring and State of New York City of South Burlington ^{and State of New York} AWS 2/16/2000 and State of Vermont ^{and State of New York} AWS 2/16/2000
and	(2) Kevin K. Chan County of Richmond	City of Staten Island and State of New York
and	(3) Douglas Duane Coolbaugh County of Chittenden	City of Essex Junction and State of Vermont
and	(4) Donna Kaye Johnson County of Chittenden	City of Underhill and State of Vermont

have invented certain improvements in

Title HTO (HIGH TEMPERATURE OXIDE) DEPOSITION FOR CAPACITOR DIELECTRICS

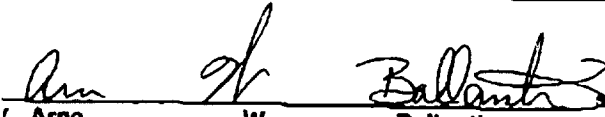
Dates That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on

(1) February 16th	2000, and (2)	2000, and
(3)	2000, and (4)	2000.

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 invention 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 (1) Signed at Hopewell Junction
Date on 2/16/2000 New York


(Arne W. Ballantine) signature
First Name Middle Initial Last Name) inventor

City (2) Signed at
Date on

(Kevin K. Chan) signature
First Name Middle Initial Last Name) inventor

City (3) Signed at
Date on

(Douglas D. Coolbaugh) signature
First Name Middle Initial Last Name) inventor

(IBM Docket No.: BU9-99-213)
(SSM&P Docket No. 13019)

ASSIGNMENT

Whereas, we

Inventor and City	(1) Arne Watson Ballantine County of Chittenden	City of South Burlington and State of Vermont
and	(2) Kevin K. Chan County of Richmond	City of Staten Island and State of New York
and	(3) Douglas Duane Coolbaugh County of Chittenden	City of Essex Junction and State of Vermont
and	(4) Donna Kaye Johnson County of Chittenden	City of Underhill and State of Vermont

have invented certain improvements in

Title HTO (HIGH TEMPERATURE OXIDE) DEPOSITION FOR CAPACITOR DIELECTRICS

Dates That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on

(1)	2000, and (2)	2/14/2000	2000, and
(3)	2000, and (4)		2000.

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 invention 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 (1) Signed at

Date on

 (Arne W. Ballantine) signature
 First Name Middle Initial Last Name) inventor

City (2) Signed at YORKTOWN HEIGHTS, NY

Date on 2/14/2000

 (Kevin K. Chan) signature
 First Name Middle Initial Last Name) inventor

City (3) Signed at

Date on

 (Douglas D. Coolbaugh) signature
 First Name Middle Initial Last Name) inventor

ASSIGNMENT

Whereas, we

Inventor and City	(1) Arne Watson Ballantine County of Chittenden	City of South Burlington and State of Vermont
and	(2) Kevin K. Chan County of Richmond	City of Staten Island and State of New York
and	(3) Douglas Duane Coolbaugh County of Chittenden	City of Essex Junction and State of Vermont
and	(4) Donna Kaye Johnson County of Chittenden	City of Underhill and State of Vermont

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Dates That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on

(1)	2000, and (2)	2000, and
(3) Feb 18,	2000, and (4) February 15,	2000.

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 invention 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 (1) Signed at

Date on

(	Arne	W.	Ballantine	)	signature
	First Name	Middle Initial	Last Name		inventor

City (2) Signed at

Date on

(	Kevin	K.	Chan	)	signature
	First Name	Middle Initial	Last Name		inventor

City (3) Signed at Essex Junction

Date on 2-18-2000

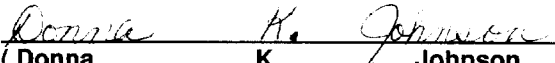
(	Douglas	D.	Coolbaugh	)	signature
	First Name	Middle Initial	Last Name		inventor

ASSIGNMENT (Continued)

TITLE: HTO (HIGH TEMPERATURE OXIDE) DEPOSITION FOR CAPACITOR DIELECTRICS

City (4) Signed at Essex Junction, VT

Date on February 19, 2000

 signature
(Donna K. Johnson) inventor
First Name Middle Initial Last Name