

04-24-2001

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Arne W. Ballantine  
Kevin K. Chan  
Jeffrey D. Gilbert  
Kevin M. Houlihan  
Glen L. Miles  
James J. Quinlivan  
Samuel C. Ramac  
Michael B. Rice  
Beth A. Ward

3/10/01

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

International Business Machines Corporation  
New Orchard Road  
Armonk, New York 10504Addit'l. name(s) & address(es) attached ☐ Yes ☒ NoJC972 U.S. PTO  
09/802702  
03/10/01Addit'l name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement  
☐ Change of name  
☐ Other

Execution date: 12/27/00, 12/15/00, 12/20/00, 03/02/01, 12/21/00, 12/18/00, 12/20/00, 12/20/00, 12/18/00

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

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No.

09802702

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

Pollock, Vande Sande & Amernick  
Suite 800  
1990 M Street, N.W.  
Washington, D.C. 20036-3425

## 6. Total Number of applications and patents involved [1]

## 7. Total fee (37 C.F.R. 3.41)....\$40.00

☐ Enclosed☒ Authorized to be charged to IBM deposit account No.

09-0456

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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.

William D. Sabo, Reg. 27,465

Date: MAR. 9, 2001

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Page 1 of 3

ASSIGNMENT

Whereas, We,

Arne W. Ballantine  
County of Putnam

City of Cold Spring  
and state of NY

Kevin K. Chan  
County of Richmond

City of Staten Island  
and state of NY

Jeffrey D. Gilbert  
County of Chittenden

City of Burlington  
and state of VT

Kevin M. Houlihan  
County of Dutchess

City of Wappingers Falls  
and state of NY

Glen L. Miles  
County of Chittenden

City of Essex Junction  
and state of VT

James J. Quinlivan  
County of Chittenden

City of Essex Junction  
and state of VT

Samuel C. Ramac  
County of Dutchess

City of Poughkeepsie  
and state of NY

Michael B. Rice  
County of Chittenden

City of Colchester  
and state of VT

Beth A. Ward  
County of Chittenden

City of Essex Junction  
and state of VT

have invented certain improvements in

METHOD OF REDUCING POLYSILICON DEPLETION IN A POLYSILICON GATE  
ELECTRODE BY DEPOSITING POLYSILICON OF VARYING GRAIN SIZE

and have executed, respectively, a United States patent application therefor on

- (1) 12/27/2000
- (2) 13/15/2000
- (3) 12/20/2000
- (4) 3/2/2001

- (5) 12/21/00
- (6) 12/18/00
- (7) 12/20/2000
- (8) 12/20/2000
- (9) 12/18/00

And 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.

SIGNED AND SEALED

(1) signed at  
on

\_\_\_\_\_  
Arne W. Ballantine

(2) signed at  
on

\_\_\_\_\_  
Kevin K. Chan

(3) signed at  
on

\_\_\_\_\_  
Jeffrey D. Gilbert

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Page 1 of 3

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City of Burlington  
and state of VT

Kevin M. Houlihan  
County of ~~Dutchess~~ Suffolk <sup>(EK)</sup>

City of ~~Wappingers Falls~~ Boston <sup>(PH)</sup>  
and state of ~~NY~~ MA <sup>(EK)</sup>

Glen L. Miles  
County of Chittenden

City of Essex Junction  
and state of VT

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(1) \_\_\_\_\_

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(1) signed at Cold Spring, New York  
on 12/27/2000

  
Arne W. Ballantine

(2) signed at  
on

\_\_\_\_\_  
Kevin K. Chan

(3) signed at  
on

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Jeffrey D. Gilbert

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Page 2 of 3

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(1) signed at  
on

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Arne W. Ballantine

(2) signed at Yorktown Heights  
on 12/15/2000

  
\_\_\_\_\_  
Kevin K. Chan

(3) signed at  
on

\_\_\_\_\_  
Jeffrey D. Gilbert

- (5) 12/21/00
- (6) 12/18/00
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- (8) 12/20/00
- (9) 12/18/00

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Arne W. Ballantine

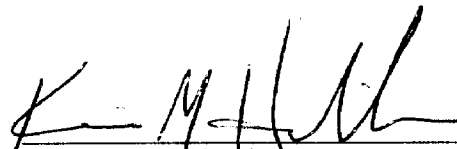
(2) signed at  
on

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Kevin K. Chan

(3) signed at Essex Junction, VT  
on 12/20/2000

Jeffrey D. Gilbert  
Jeffrey D. Gilbert

(4) signed at S' Boston, MA  
on 03/02/01

  
Kevin M. Houlahan

(5) signed at  
on

Glen L. Miles

(6) signed at  
on

James J. Quinlivan

(7) signed at  
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Samuel C. Ramac

(8) signed at  
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Michael B. Rice

(9) signed at  
on

Beth A. Ward

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on

\_\_\_\_\_  
Kevin M. Houlihan

(5) signed at *Essex Junction VT*  
on *12/21/00*

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Glen L. Miles

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*James J. Quinn*  
James J. Quinn

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*Michael B. Rice*  
Michael B. Rice

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on *12/18/00*

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*Beth A. Ward*  
Beth A. Ward

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Page 3 of 3

(4) signed at  
on

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Kevin M. Houlihan

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Glen L. Miles

(6) signed at  
on

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James J. Quinlivan

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on

*Fishkill NY*  
*12/20/2000*

  
\_\_\_\_\_  
Samuel C. Rame

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on

\_\_\_\_\_  
Michael B. Rice

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on

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Beth A. Ward