

08-20-1998

y. Docket No. HQ9-98-020

SHEET



100798056

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

1. Name of Conveying party(ies): **George R. Goth, Max G. Levy, Victor R. Nastasi, James A. O'Neill, Paul C. Parries**JCI35 U.S. PTO
09/13/226
08/06/983. Nature of Conveyance: **Assignment**Execution Date: **7/14/98, 6/26/98, 7/14/98, 6/18/98, 7/27/98**

2. Name & address of receiving party(ies)

Name: **International Business Machines Corporation**

Street

Address: **New Orchard Road**City: **Armonk State: New York ZIP: 10504**

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

Title of Application: **METHODS TO CONTROL THE THRESHOLD VOLTAGE OF A DEEP TRENCH CORNER DEVICE**If this document is being filed together with a new application, the execution date of the application is: **7/14/98, 6/26/98, 7/14/98, 6/18/98, 7/27/98**A. Patent Application No(s).
Docket No. **HQ9-98-020**
Serial No.

B. Patent No(s)

Additional numbers attached? Yes X No

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

Name: **Daryl K. Neff**

Street Address:

**IBM Corporation
Intellectual Property Law Dept.
Dept. 18G/Bldg. 300-482
1580 Route 52
Hopewell Junction, NY 12533-6531**6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): **\$40.00**

Enclosed

X Authorized to be charged to deposit account8. Deposit A/C no.: **09-0458 (FI-353)**
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement of 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.

Daryl K. Neff, Reg. No. 38,253
Name of Person Signing
Telephone No. (914) 894-3664

Signature

Date

Total number of pages, including cover sheet, attachments, and document 5Express Mail No. **EE443818331US**

I hereby certify that this correspondence is being deposited with the United States Postal Service an Express Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231. Applicant and/or Attorney requests the date of deposit as the filing date.

August 6, 1998

PATENT

REEL: 9385 FRAME: 0677

ASSIGNMENT

Whereas, we

Inventor
and City

(1) George R. Goth County of Dutchess	City of Poughkeepsie and State of New York
(2) Max G. Levy County of Chittenden	City of Essex Junction and State of Vermont
(3) Victor R. Nastasi County of Dutchess	City of Hopewell Junction and State of New York
(4) James A. O'Neill County of Rockland	City of New City and State of New York
(5) Paul C. Parries County of Dutchess	City of Wappingers Falls and State of New York

have invented certain improvements in

Title

**METHODS TO CONTROL THE THRESHOLD VOLTAGE OF A DEEP TRENCH
CORNER DEVICE**

Dates That
Inventors
Signed the
Declaration

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

(1) 7/17/98	1998, (2)	1998,
(3) 7/14/98	1998, (4) 6/18	1998,
(5)	1998, 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.

City (1) Signed at E. Fishkill, NY
Date 7 on 14/98

<u>George</u>	<u>R.</u>	<u>Goth</u>	signature
(George	R.	Goth	) inventor
First Name	Middle Initial	Last Name	

City (2) Signed at

Date on

<u>Max</u>	<u>G.</u>	<u>Levy</u>	signature
(Max	G.	Levy	) inventor
First Name	Middle Initial	Last Name	

City (3) Signed at E. Fishkill, NY
Date 11 on 14/98

<u>Victor</u>	<u>R.</u>	<u>Nastasi</u>	signature
(Victor	R.	Nastasi	) inventor
First Name	Middle Initial	Last Name	

City (4) Signed at East Fishkill, NY

Date on 6/18/98

<u>James - A. O'Neill</u>			signature
(James	A.	O'Neill	) inventor
First Name	Middle Initial	Last Name	

City (5) Signed at

Date on

<u>Paul</u>	<u>C.</u>	<u>Parries</u>	signature
(Paul	C.	Parries	) inventor
First Name	Middle Initial	Last Name	

ASSIGNMENT

Whereas, we

Inventor
and City

(1) George R. Goth County of Dutchess	City of Poughkeepsie and State of New York
(2) Max G. Levy County of Chittenden	City of Essex Junction and State of Vermont
(3) Victor R. Nastasi County of Dutchess	City of Hopewell Junction and State of New York
(4) James A. O'Neill County of Rockland	City of New City and State of New York
(5) Paul C. Parries County of Dutchess	City of Wappingers Falls and State of New York

have invented certain improvements in

Title

**METHODS TO CONTROL THE THRESHOLD VOLTAGE OF A DEEP TRENCH
CORNER DEVICE**

Dates That
Inventors
Signed the
Declaration

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

(1)	1998, (2) <i>June 26,</i>	1998,
(3)	1998, (4)	1998,
(5) <i>July 27, 1998</i>	1998, 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.

City (1) Signed at

Date on

(George	R.	Goth	signature
First Name	Middle Initial	Last Name	) inventor

City (2) Signed at *Essex Junction VT*

Date on *6/26/98*

<i>Max</i>	<i>G.</i>	<i>Levy</i>	signature
(Max	G.	Levy	) inventor
First Name	Middle Initial	Last Name	

City (3) Signed at

Date on

(Victor	R.	Nastasi	signature
First Name	Middle Initial	Last Name	) inventor

City (4) Signed at

Date on

(James	A.	O'Neill	signature
First Name	Middle Initial	Last Name	) inventor

City (5) Signed at *Paris, France*

Date on *July 27, 1998*

<i>Paul</i>	<i>C.</i>	<i>Parries</i>	signature
(Paul	C.	Parries	) inventor
First Name	Middle Initial	Last Name	