

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Brian S. Beaman</td><td>05/04/1993</td></tr><tr><td>Keith E. Fogel</td><td>05/03/1993</td></tr><tr><td>Paul A. Lauro</td><td>05/03/1993</td></tr><tr><td>Maurice H. Norcott</td><td>05/03/1993</td></tr><tr><td>Da-Yuan Shih</td><td>04/30/1993</td></tr><tr><td>George F. Walker</td><td>04/30/1993</td></tr></tbody></table>	Name	Execution Date	Brian S. Beaman	05/04/1993	Keith E. Fogel	05/03/1993	Paul A. Lauro	05/03/1993	Maurice H. Norcott	05/03/1993	Da-Yuan Shih	04/30/1993	George F. Walker	04/30/1993	
Name	Execution Date														
Brian S. Beaman	05/04/1993														
Keith E. Fogel	05/03/1993														
Paul A. Lauro	05/03/1993														
Maurice H. Norcott	05/03/1993														
Da-Yuan Shih	04/30/1993														
George F. Walker	04/30/1993														
RECEIVING PARTY DATA															
Name:	International Business Machines Corporation														
Street Address:	New Orchard Road														
City:	Armonk														
State/Country:	NEW YORK														
Postal Code:	10504														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>09382834</td></tr></tbody></table>	Property Type	Number	Application Number:	09382834											
Property Type	Number														
Application Number:	09382834														
CORRESPONDENCE DATA															
Fax Number:	(914)945-3281														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	914-945-3243														
Email:	angelmal@us.ibm.com														
Correspondent Name:	IBM Corporation														
Address Line 1:	P.O. Box 218														
Address Line 4:	Yorktown Heights, NEW YORK 10598														
ATTORNEY DOCKET NUMBER:	YOR919930028US5														
NAME OF SUBMITTER:	Daniel P. Morris														

CH \$40.00 09382834

PATENT

500719906

REEL: 021920 FRAME: 0485

Total Attachments: 3

source=YOR919930028US5_RecordationCoverSheet#page1.tif

source=YOR919930028US_AsFiledAssignment#page1.tif

source=YOR919930028US_AsFiledAssignment#page2.tif

PATENT

REEL: 021920 FRAME: 0486

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Brian S. Beaman: May 4, 1993;
Keith E. Fogel: May 3, 1993;
Paul A. Lauro: May 3, 1993;
Maurice H. Norcott: May 3, 1993;
Da-Yuan Shih: April 30, 1993 and George F. Walker: April 30, 1993
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: IBM Corporation

Internal Address: _____

Street Address: New Orchard Road

City: Armonk

State: NY

Country: U.S.A. Zip: 10504

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) see above

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

09/382,834

Additional numbers attached? ☐ Yes ☐ No

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

Name: IBM Corporation, IP Law Dept.

Internal Address: Daniel P. Morris

Street Address: P.O. Box 218

City: Yorktown Heights

State: NY Zip: 10598

Phone Number: 914-945-3217

Fax Number: 914-945-3281

Email Address: angelmal@us.ibm.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 09-0468

Authorized User Name Daniel P. Morris

9. Signature:

/Daniel P. Morris

Signature

12-03-2008

Date

Daniel P. Morris

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 021920 FRAME: 0487

Assignment

Whereas, we

Inventor
and City

(1) Brian S. Beaman
County of Dutchess

of Hyde Park
and State of New York

and (2) Keith E. Fogel
County of Rockland

of Bardonia
and State of New York

and (3) Paul A. Lauro
County of Rockland

of Nanuet
and State of New York

and (4) Maurice H. Norcott
County of Rockland

of Valley Cottage
and State of New York

and (5) Da-Yuan Shih
County of Dutchess

of Poughkeepsie
and State of New York

and (6) George F. Walker
County of New York

of New York
and State of New York

have invented certain improvements in

TITLE HIGH DENSITY INTEGRATED CIRCUIT APPARATUS, TEST PROBE AND METHODS OF USE THEREOF

and executed, respectively, a United States patent application therefor on
DATES THAT (1) May 4, 1993, and (2) May 3, 1993, and (3) May 3, 1993, and
INVENTORS (4) May 3, 1993, and (5) April 30, 1993, and (6) April 30, 1993.
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 Poughkeepsie Brian S. Beaman SIGNATURE
DATE on May 4, 1993, (Brian S. Beaman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed
CITY and (2) at Town of Ossining Keith E. Fogel SIGNATURE
DATE on May 3, 1993, (Keith E. Fogel) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed
CITY and (3) at Town of Ossining Paul A. Lauro SIGNATURE
DATE on May 3, 1993, (Paul A. Lauro) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed
CITY and (4) at Town of Ossining Maurice H. Norcott SIGNATURE
DATE on May 3, 1993, (Maurice H. Norcott) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed
CITY and (5) at Town of Ossining Da-Yuan Shih SIGNATURE
DATE on April 30, 1993, (Da-Yuan Shih) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed
CITY and (6) at Town of Ossining George F. Walker SIGNATURE
DATE on April 30, 1993, (George F. Walker) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

REEL 6785 FRAME 029

PATENT

REEL: 021920 FRAME: 0488

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

INVENTOR
(1)

On this 4th day of May 1993, before me personally came
Brian S. Beaman 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.

Betty J. Gersch
Notary

BETTY J. GERSCH
Notary Public, State of New York
No. 4887781
Qualified in Ulster County
Commission Expires June 15 1994

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

INVENTOR
(2)

On this 3rd day of May 1993, before me personally came
Keith E. Fogel 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.

Barbara Pitello-Rasa
Notary

BARBARA PITELLO-RASA
Notary Public, State of New York
No. 4973785
In Westchester & Dutchess Counties
Commission Expires October 29, 1994

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

INVENTOR
(3)

On this 3rd day of May 1993, before me personally came
Paul A. Lauro 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.

Barbara Pitello-Rasa
Notary

BARBARA PITELLO-RASA
Notary Public, State of New York
No. 4973785
In Westchester & Dutchess Counties
Commission Expires October 29, 1994

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

INVENTOR
(4)

On this 3rd day of May 1993, before me personally came
Maurice H. Norcott 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.

Barbara Pitello-Rasa
Notary

BARBARA PITELLO-RASA
Notary Public, State of New York
No. 4973785
In Westchester & Dutchess Counties
Commission Expires October 29, 1994

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

INVENTOR
(5)

On this 30th day of April 1993, before me personally came
Da-Yuan Shih 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.

Daniel P. Morris
Notary

DANIEL P. MORRIS
Notary Public, State of New York
No. 4888
Qualified in Westchester County
Commission Expires March 16, 1995

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

INVENTOR
(6)

On this 30th day of April 1993, before me personally came
George F. Walker 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.

Daniel P. Morris
Notary

DANIEL P. MORRIS
Notary Public, State of New York
No. 4888
Qualified in Westchester County
Commission Expires March 16, 1995

PATENT AND TRADEMARK
OFFICE

JUN 24 93