



04-19-1999



Ticket No. YO999-087

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PATENTS ONLY

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and 4.5.99

1. Name of conveying party(ies): Brian S. Beaman Keith E. Fogel Paul A. Lauro Da-Yuan Shih Additional name(s) of conveying party(ies) attached? ___Yes <u>X</u> No	2. Name and address of receiving party(ies): Name: IBM Corporation Address: New Orchard Road Armonk, NY 10504 Additional name(s) & addresses attached? ___Yes <u>X</u> No
3. Nature of conveyance: <u>X</u> Assignment Execution Date(s): <u>3/2/99, 3/17/99, 3/25/99</u>	4. Patent Application number(s) Serial No. 09/251,864 Filed: February 17, 1999 Execution Date(s): <u>3/2/99, 3/17/99, 3/25/99</u>
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Daniel P. Morris Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598	6. Total number of applications involved: 1 7. Total fee (37 CFR 3.41): \$40.00 <u>X</u> 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. Daniel P. Morris Name of Person Signing Reg. No. 32,053	 Signature Date <u>3/27/99</u>
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PATENT
REEL: 9884 FRAME: 0719

Assignment

Whereas, we

Inventor
and City

(1) Brian S. Beaman
County of Wake

of Apex
and State of North Carolina

and (2) Keith E. Fogel
County of Westchester

of Mohegan Lake
and State of New York

and (3) Paul A. Lauro
County of Rockland

of Nanuet
and State of New York

and (4) Da-Yuan Shih
County of Dutchess

of Poughkeepsie
and State of New York

and (5)
County of

of
and State of

and (6)
County of

of
and State of

have invented certain improvements in

STRUCTURES AND PROCESSES TO CREATE A DESIRED PROBETIP CONTACT GEOMETRY ON A WAFER
TEST PROBE

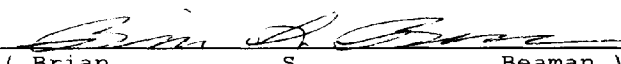
DATES THAT and executed, respectively, a United States patent application therefor on
INVENTORS (1) March 2, 1999, and (2) March 25, 1999, and (3) March 25, 1999, and
SIGNED THE (4) March 17, 1999, and (5) 19 , and (6) 19 .
DECLARATION

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

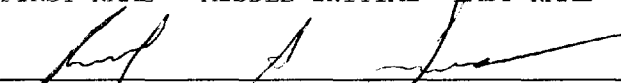
CITY and (1) at DURHAM, NC
DATE on 3-2 1999,


(Brian S. Beaman)
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR SIGNATURE

Signed and sealed
CITY and (2) at Yorktown Hgts, N.Y.
DATE on March 25, 1999,


(Keith E. Fogel)
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR SIGNATURE

Signed and sealed
CITY and (3) at Yorktown Hgts, N.Y.
DATE on March 25, 1999,


(Paul A. Lauro)
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR SIGNATURE

Signed and sealed
CITY and (4) at Yorktown Hgts, N.Y.
DATE on March 17, 1999,


(Da-Yuan Shih)
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR SIGNATURE

Signed and sealed
CITY and (5) at
DATE on 19 ,

()
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR SIGNATURE

Signed and sealed
CITY and (6) at
DATE on 19 ,

()
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR SIGNATURE

State of North Carolina) SS.:
County of Durham)

INVENTOR
(1)

On this 2nd day of March 1999, 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.

Jennifer Dianne Lane
Notary
My Commission Expires 5-18-2002

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

INVENTOR
(2)

On this 25th day of March 1999, 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.

Sandra M. Emma
Notary

SANDRA M. EMMA
Notary Public, State of New York
No. 01PO4935290
Qualified in Westchester County
Commission Expires July 5, 2002

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

INVENTOR
(3)

On this 25th day of March 1999, 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.

Sandra M. Emma
Notary

SANDRA M. EMMA
Notary Public, State of New York
No. 01PO4935290
Qualified in Westchester County
Commission Expires July 5, 2002

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

INVENTOR
(4)

On this 1st day of March 1999, 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.

Sandra M. Emma
Notary

SANDRA M. EMMA
Notary Public, State of New York
No. 01PO4935290
Qualified in Westchester County
Commission Expires July 5, 2002

State of) SS.:
County of)

INVENTOR
(5)

On this day of 19 , before me personally came 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

State of) SS.:
County of)

INVENTOR
(6)

On this day of 19 , before me personally came 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.

PATENT