



102317979

RECORDATION FORM COVER SHEET  
PATENT

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

11040 U.S. PTO  
10/316484  
12/11/02

1. Name of conveying parties  
Stefanie R. Chiras  
Michael W. Lane  
Sandra G. Malhotra  
Fenton R. McFeely  
Robert Rosenberg  
Carlos J. Sambucetti, and,  
Phillipe M. Vereecken

2. Name and address of receiving parties  
Name IBM Corporation  
Address Armonk, N.Y. 10504

*MRS 12/11/02*

Additional name(s) of conveying party(ies) attached ? NO

Additional name(s) and addresses attached ? NO

3 Nature of conveyance  
Assignment

4. Patent Application number(s)  
Serial Number- Not Yet Assigned  
Filed - Herewith

Execution Dates 11/18/02, 11/25/02, 11/18/02, 12/09/02, 11/26/02, 11/19/02 and 11/18/02

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

6 Total Number of applications involved: 1

*10316484*

Name Alvin J. Riddles  
Address Box 34, Candlewood Isle,  
New Fairfield, Ct. 06812

7. Total Fee (37CFR3.41) \$ 40.00  
Chg.To.Dep. Acct.50-0510

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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 the original document.

Alvin J. Riddles

Name of person signing  
Reg. No. 17862

Signature

Date *12/11/02*

*Alvin J. Riddles*

12/19/2002 TDIAZ1 00000104 500510 10316484  
01 FC:8021 40.00 CH

Whereas we

- (1) Stefanie R. Chiras of 329 Smith St., Peekskill, Westchester County, N.Y. 10566
- (2) Michael W. Lane, of 27 Ann St., Cortlandt Manor, Westchester County, N.Y. 10567
- (3) Sandra G. Malhotra of 478 Main St., Apt. 3 B, Beacon, Dutchess County, N.Y. 12508
- (4) Fenton R. McFeely of 25 Donald Lane, Ossining, Westchester County, N.Y. 10562
- (5) Robert Rosenberg of 67 Lakeview Ave. West, Cortlandt Manor,  
Westchester County, N.Y. 10562
- (6) Carlos J. Sambucetti of 4 Sassi Drive, Croton on Hudson,  
Westchester County, N.Y. 10598, and,
- (7) ~~Philippe~~ M. Vereecken of 48 New Broadway, Sleepy Hollow, Westchester County, N.Y.  
*Philippe P.H. 11/13/02* 10028

above named joint inventors of the patent application titled

**FORMATION OF ALIGNED CAPPED METAL LINES AND INTERCONNECTIONS  
IN MULTILEVEL SEMICONDUCTOR STRUCTURES**

and filed a U.S. Patent Application therefor, herewith executed on

- (1) 11/18/02
- (2) 11/25/02
- (3) 11/19/02
- (4) 12/09/02
- (5) 11/26/02
- (6) 11/19/02 and,
- (7) 11/18/02

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, it's 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 and Trademarks to issue any Letters Patent granted upon the inventions set forth in said application to IBM, it's successors and assigns, and we hereby agree that IBM may apply for foreign Letters Patent n 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.

ASSIGNMENT

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IBM Docket No. YOR920010779US1

Signature sheet for inventor (1) Stefanie R. Chiras



Signed and sealed

Inventor (1) at 10:00 a.m. on 11/18/02

Signature

ASSIGNMENT

Page 3 of 8

IBM Docket No. YOR920010779US1

Signature sheet for inventor (2) Michael W. Lane

Signed and sealed



Inventor (2) at Yorktown Heights, NY on 1/25/02

Signature

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Page 4 of 8

IBM Docket No. YOR920010779US1

Signature sheet for inventor (3) Sandra G. Malhotra

Signed and sealed

Inventor (3) at *East Fishkill, NY* on *11/19/2002*

Signature *Sandra G. Malhotra*

ASSIGNMENT

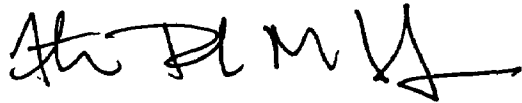
Page 5 of 8

IBM Docket No. YOR920010779US1

Signature sheet for inventor (4) Fenton R. McFeely

Signed and sealed

Inventor (4) at *Yorktown Heights* on *Dec. 9, 2002*  
Signature *NY*

A handwritten signature in black ink, appearing to read "Fenton R. McFeely". The signature is written in a cursive style with a long horizontal stroke at the end.

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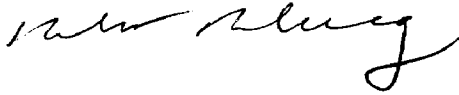
IBM Docket No. YOR920010779US1

Signature sheet for inventor (5) Robert Rosenberg

Signed and sealed

Inventor (5) at Yorktown Hts, NY on 11/26/02

Signature

A handwritten signature in cursive script, appearing to read "Robert Rosenberg", written in black ink.

Signature sheet for inventor (6) Carlos J. Sambucetti

Signed and sealed

Inventor (6) at *Crofton Co. Hudson* on *November 19, 2002*

Signature

*Carlos J. Sambucetti*



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Page 8 of 8

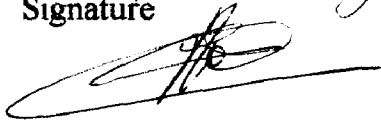
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Signature sheet for inventor (7) Philippe M. Vereecken

Signed and sealed

Inventor (7) at *Yorktown Heights* on *11/13/02*

Signature

A handwritten signature in black ink, appearing to be 'P. Vereecken', written over a horizontal line.

END OF ASSIGNMENT