

10-13-2000



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## RECORDATION FORM COVER SHEET - PATENTS ONLY

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

1. Name of conveying party(ies):  
 a) William F. Beausoleil  
 b) R. Bryan Cook g) Norton J. Tomassetti  
 c) Tak-kwong Ng h) \_\_\_\_\_  
 d) Helmut Roth i) \_\_\_\_\_  
 e) Peter Tannenbaum j) \_\_\_\_\_  
 f) Lawrence A. Thomas \_\_\_\_\_

2. Name and Address of receiving Party(ies):  
 Name: INTERNATIONAL BUSINESS MACHINES CORPORATION  
 Address: New Orchard Road Armonk, NY 10504

More names attached? Y x N More names attached? Y x N

3. Nature of Conveyance: x Assignment

4. Application number: \_\_\_\_\_ Filed: \_\_\_\_\_  
 Filed with new application: Yes X No \_\_\_\_\_  
 Execution date(s):  
 a) August 31, 2000 g) September 1, 2000  
 b) September 5, 2000 h) \_\_\_\_\_  
 c) August 31, 2000 i) \_\_\_\_\_  
 d) September 1, 2000 j) \_\_\_\_\_  
 e) August 31, 2000 k) \_\_\_\_\_  
 f) September 1, 2000 l) \_\_\_\_\_

Additional numbers attached? Y x N

5. Name and address of party to whom correspondence concerning document should be mailed:  
Lynn L. Augspurger  
IBM Corporation  
Intellectual Property Law  
2455 South Road, MS P386  
Poughkeepsie, NY 12601  
(845) 433-1174

6. Total # of applications and patents involved: 01

7. Total fee (37 CFR 3.41):  
\$ 40.00

8. Charge to Deposit Account  
09-0463.

10/12/2000 ANNEX 1 00000047 090463 09656146

01 FC:581

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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.

Billy R. Stacy

Signature

September 6, 2000  
 Date

Total # of pages comprising cover sheet, attachments, and document: 3

Exp. Mail Label:(if applicable) EK830777869US Docket No. POU919990183US1

PATENT  
 REEL: 011145 FRAME: 0220

**A S S I G N M E N T**

Whereas, We

Inventor	(1) William F. BEAUSOLEIL County of Dutchess	of Hopewell Junction, and State of New York,
Inventor	(2) R. Bryan COOK County of Dutchess	of Poughkeepsie, and State of New York,
Inventor	(3) Tak-kwong NG County of Dutchess	of Hyde Park, and State of New York,
Inventor	(4) Helmut ROTH County of Dutchess	of Hopewell Junction, and State of New York,
Inventor	(5) Peter TANNENBAUM County of Ulster	of Woodstock, and State of New York,
Inventor	(6) Lawrence A. THOMAS County of Ulster	of West Hurley, and State of New York,
Inventor	(7) Norton J. TOMASSETTI County of Ulster	of Kingston, and State of New York,

have invented certain improvements in HIGH SPEED SOFTWARE DRIVEN EMULATOR COMPRISED OF A PLURALITY OF EMULATION PROCESSORS WITH IMPROVED MULTIPLEXED DATA MEMORY and executed, respectively, a United States patent application therefor on

(1) August 31, 2000	,	(2) September 5, 2000	,
(3) August 31, 2000	,	(4) September 1, 2000	,
(5) August 31, 2000	,	(6) September 1, 2000	, and
(7) September 1, 2000	.		

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, and, 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 and Trademarks 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

1. at Poughkeepsie, NY  
on 8/31/2000

William F. Beausoleil  
WILLIAM F. BEAUSOLEIL

2. at Poughkeepsie, NY  
on 9/5/2000

R. Bryan Cook  
BRYAN R. COOK R. Bryan Cook (ABC)

3. at Poughkeepsie, NY  
on 8/31/2000

Tak-Kwong Ng  
TAK-KWONG NG

4. at Poughkeepsie, NY  
on 9/1/2000

Helmut Roth  
HELMUT ROTH

5. at Poughkeepsie, NY  
on 8/31/2000

Peter Tannenbaum  
PETER TANNENBAUM

6. at ~~Poughkeepsie~~, NY <sup>WEST HARTLEY (ABC)</sup>  
on 9/1/2000

Lawrence A. Thomas  
LAWRENCE A. THOMAS

7. at Poughkeepsie, NY  
on 9/1/2000

Norton J. Tomasetti  
NORTON J. TOMASSETTI