

U.S. PATENT AND TRADEMARK OFFICE

Form PTO 1595

U.S. Department of Commerce

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) Walker B. Carroll g)
 b) Douglas J. Joseph h)
 c) Gabriel M. Tarr i)
 d) j)
 e) k)
 f) l)

More names attached? Y X N

2. Name and address of receiving party(ies):

Name: INTERNATIONAL BUSINESS
MACHINES CORPORATIONAddress: New Orchard Road
Armonk, NY 10504More names attached? Y X N3. Nature of Conveyance: X Assignment

4. Application number: 10/920,530 Filed: 08/17/2004
 Filed with new application: Yes X No

Execution date(s):

- a) August 10, 2004 g) _____
 b) August 05, 2004 h) _____
 c) August 04, 2004 i) _____
 d) _____ j) _____
 e) _____ k) _____
 f) _____ l) _____

Additional numbers attached? Y X N

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

Name: Lawrence D. Cutter, Esq.
 IBM Corporation
 2455 South Rd., M/S P386
 Poughkeepsie, NY 12601
 Fax: (845) 432-9786

6. Total # of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.008. Charge to Deposit Account:
09-0463 (IBM)

(2 assignment documents)

DO NOT USE THIS SPACE

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.

SUSAN L. PHELPS

Signature

Date

Total number of pages including cover sheet, attachments, and document: 5

Express Mail Label No. (if applicable):

Docket No.: POU920030180US1

Sent via Facsimile to PTO 703 306-5995 on the above date.

PATENT

700157173

REEL: 015792 FRAME: 0393

CH \$40.00 090463 10920530

Docket No.: **POU920030180US1**

Page 1 of 2

A S S I G N M E N T

Whereas, We

Inventor	(1) WALKER B. CARROLL	of Waltham,
	County of Middlesex	and State of Massachusetts,
Inventor	(2) DOUGLAS J. JOSEPH	of Danbury,
	County of Fairfield	and State of Connecticut,
		and
Inventor	(3) GABRIEL M. TARR	of Poughkeepsie,
	County of Dutchess	and State of New York.

have invented certain improvements in **Hardware Assist for Microcode Tracing** and executed, respectively, a United States patent application therefor on

(1) August *10* , 2004 , (2) August , 2004, and

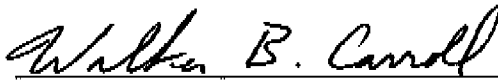
(3) August *04* , 2004.

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 *Waltham* , MA
on August *10* , 2004



WALKER B. CARROLL

(2) at , CT
on August , 2004

DOUGLAS J. JOSEPH

Docket No.: **POU920030180US1**
Page 2 of 2

at Poughkeepsie, NY
on August 04, 2004



GABRIEL M. TARR

Docket No.: POU920030180US1

Page 1 of 2

A S S I G N M E N T

Whereas, We

Inventor	(1) WALKER B. CARROLL County of Middlesex	of Waltham, and State of Massachusetts,
Inventor	(2) DOUGLAS J. JOSEPH County of Fairfield	of Danbury, and State of Connecticut,
	and	
Inventor	(3) GABRIEL M. TARR County of Dutchess	of Poughkeepsie, and State of New York.

have invented certain improvements in **Hardware Assist for Microcode Tracing**

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

(1) August , 2004 , (2) August 05, 2004, and
(3) August 04 , 2004.

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 , MA
on August , 2004

WALKER B. CARROLL

(2) at Danbury , CT
on August 05, 2004


DOUGLAS J. JOSEPH

FEB 25 '05 11:11 FR
MUG 03 04 13-24 FR

8454329786 TO ASSIGNMENT BRANC P.05
914 432 7200 TO 912037309179 P.03

Docket No.: **POU920030180051**
Page 2 of 2

(3) at Poughkeepsie, NY
on August 04, 2004


GABRIEL M. TARR