In place of Form PTO-

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To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

4.24-03

William Elton Burky Bjorn Peter Christensen Dung Quoc Nguyen David A. Schroter Albert Thomas Williams Name and address of receiving party(ies):

International Business Machines Corporation New Orchard Road Armonk, New York 10504

3. Nature of conveyance:

X Assignment

Execution Date: 04-22-03,04-23-03,04-23-03,04-22-03

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is 04-22-03 04-23-03,04-23-03,04-22-03,04-22-03

A. Patent Application No.(s)

B. Patent No.(s)

5. Name and address of party to whom 6. Total number of applications correspondence concerning document and patents involved: 1 should be mailed:

Casimus K. SalyS
IBM Corporation
Intellectual Property Law
11400 Burnet Road
Austin, TX 78758
(512) 823-523-509

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

 \underline{X} Authorized to be charged to deposit account

8. Deposit account number: 09-0447

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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.

Name of Person Signing

Signature Date Date

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04/30/2003 DBYRNE 00000086 090447 10422651

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PATENT REEL: 014005 FRAME: 0800

ASSIGNMENT

Whereas, I,

William Elton Burky of Austin

County of Travis and State of Texas

Biorn Peter Christensen of Austin

County of Travis and State of Texas

Dung Quoc Nguyen of Austin

County of Travis and State of Texas

David A. Schroter of Round Rock
County of Williamson and State of Texas

Albert Thomas Williams of Austin

County of Travis and State of Texas

have invented certain improvement in METHOD AND LOGICAL APPARATUS FOR RENAME REGISTER REALLOCATION IN A SIMULTANEOUS MULTI-THREADED (SMT) PROCESSOR and executed a United States patent application therefore on (Date

Inventor Signed Declaration) (1) April 22, 2003, (2) April 23, 2003, (3) April 23, 2003, (4) April 22, 2003 and (5) April 72, 2003.

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 therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

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Signed at Austin	_ on	April 22	, 2003.
I to the		/	
(1)William Elton Burky			
Signed at Signed at	244	April 23	2002
Signed at	_ on .	71011 03	, 2003.
The Common of th			
(2) Bjorn Peter Christensen			
Signed at Austin	on _	April 23	, 2003.
000		1	
(3) Dung Quoc Nguyen			
Signed at AUSHA	on _	April 22,	, 2003.
Devid a Sehrot		,	
(4) David A. Schroter			
Signed at Austin	_ on _	April 22	, 2003.
albert Thomas William	<u>n</u> -		
(5) Albert Thomas Williams	•		

RECORDED: 04/24/2003