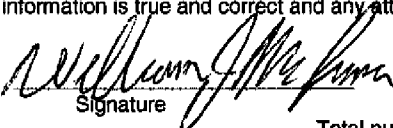


FORM PTO-1595
1-31-92U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No. ROC920050196US1RECORDATION FORM COVER SHEET
PATENTS ONLY

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

1. Name of conveying party(ies): Eric Lawrence Barsness John Matthew Santosuosso Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 3. Nature of Conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: 12/22/2005	2. Name and address of receiving party(ies): Name: <u>International Business Machines Corporation</u> Internal Address: _____ _____ _____ Street Address: <u>New Orchard Road</u> City <u>Armonk</u> State <u>New York</u> Zip <u>10504</u> Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
4. Application number(s) or patent number(s): TITLE: THREAD GROUPING IN A DEBUGGING ENVIRONMENT If this document is being filed together with a new application, the execution date of the application is _____. A. Patent Application No(s). B. Patent No(s). Serial No. 11/316,286 Docket No. ROC920050196US1 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Name and address of party to whom correspondence concerning document should be mailed: William J. McGinnis, IP Law Counsel IBM Corporation - Dept. 917 3605 Highway 52 North Rochester, MN 55901-7829	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41): <u>\$ 40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Total fee due <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees 8. Deposit account number: <u>09-0465</u>
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. <u>William J. McGinnis, Reg. No. 25,698</u> Name of Person Signing  Signature <u>January 11, 2006</u> Date Total number of pages comprising cover sheet: <u>1</u>	

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PATENT
REEL: 017178 FRAME: 0005

Docket No. ROC920050196US1

ASSIGNMENT

Whereas, we

- | | | |
|-----|--------------------------|---|
| (1) | Eric Lawrence Barsness | City of Pine Island
and State of Minnesota |
| (2) | John Matthew Santosuosso | City of Rochester
and State of Minnesota |

have invented certain improvements in:

THREAD GROUPING IN A DEBUGGING ENVIRONMENT


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

(1) December 22, 2005 (2) December 22, 2005


And 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, 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 application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications 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.

(1) at
on 12-22-2005


(Eric Lawrence Barsness) Signature
Inventor
First Name Middle Last Name

and (2) at
on 12-22-2005


(John Matthew Santosuosso) Signature
Inventor
First Name Middle Last Name