08-26-2003



EET Patent Docket No. itute Form PTO -1595 102533678 AUS920030300US1 To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof. Execution date: 1. Name of conveying party(ies): DAVID STEPHEN LEVITAN April 28, 2003 3. Nature of conveyance: 2. Name and address of receiving party(ies): International Business Machines Corporation Assignment Merger New Orchard Road Security Agreement Change of Name Armonk, New York 10504 Other Execution/Filing/Issue Date 4. Application number(s) or patent number(s): New Patent Application, execution date of application April 28, 2003 **Execution Date** April 28, 2003 Patent Application Number: 10/425,064 Filing Date Patent Number: Issue Date 5. Name and address of party to whom 6. Total number of applications and patents involved: 1 correspondence concerning document should 7. Total fee (37 CFR 3.41).....\$40.00 be mailed: □ Enclosed Check Casimer K. Salys, Esq. X Authorized to be charged to deposit account **IBM** Corporation Authorized to charge any deficiency to deposit account Intellectual Property Law 8. Deposit account number: Zip 4054 11400 Burnet Road 09-0447 Austin, Texas 78758 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foreg<mark>oing</mark> information is true and correct and any attached copy is a true copy of the original document. Eustace P. Isidore Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 3 40.00 DA

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Mail Stop Assignments Recordation Services, P. O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 014413 FRAME: 0651

ASSIGNMENT

Whereas, We,

- (1) Gregory William Alexander of Austin, Travis County, Texas;
- (2) Scott Bruce Frommer of Cold Spring, Putman County, New York;
- (3) David Stephen Levitan of Austin, Travis County, Texas; and
- (4) Balaram Sinharoy of Poughkeeps ie, Dutchess County, New York

have invented certain improvements in

SPLIT BRANCH HISTORY TABLES AND COUNT CACHE FOR SIMULTANEOUS MULTITHREADING

and executed, respectively, a Unit	ed States patent application therefore on	(Date Inventor Signed
Declaration) (1)	, 2003; (2)	, 2003;
(3) April 28, 203	; and (4)	, 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, we, the above named, hereby æll, 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 to issue any Letters Patent granted upon the invention 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.

REEL: 014413 FRAME: 0652

(1) Signed at	on _	, 2003.
		Gregory William Alexander
(2) Signed at	on _	, 2003.
		Scott Bruce Frommer
(3) Signed at Austin	on	April 28 , 2003.
		David Stephen Levitan
		24/14 Stephen 26/1441
(4) Signed at	on _	
		Balaram Sinharoy

Attorney Docket No.: AUS920030300US1

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RECORDED: 08/21/2003