FORM PTO-15

(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) 09-03-1998



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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket-ST9-97-016 To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies) Neelakantan Sundaresan International Business Machines Corporation Armonk, New York 10504 Additional name(s) & address(es) attached? Additional name(s) of conveying party(ies) attached? Nature of conveyance: Execution Date: August 24, 1998 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: August 24, 1998 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: One document should be mailed: 7. Total fee (37 CFR 3.41): Authorized to be charged to Deposit Account No. 90-0460 George H. Gates Name: of I.B.M. Corporation, assignee of the present application. Address: **GATES & COOPER** 6701 Center Drive West, Suite 1050 Los Angeles, CA 90045 8. Please charge any additional fees or credit any overpayments to Deposit Account No. 09-0460. 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. August 25, 1998 George H. Gates Date Name of Person Signing Total number of pages including cover sheet, attachments, and document: Two Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks
Box Assignments Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time of reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503. 09046 02/1998 TWATKINS 00000028 3

PATENT

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ASSIGNMENT

Docket No. ST997016

Whereas, I

INVENTOR AND CITY

Neelakantan Sundaresan (1) County of Santa Clara

of San Jose, and State of California,

have invented certain improvements in

TITLE

AFFINITY, LOCALITY, AND LOAD BALANCING IN SCHEDULING USER PROGRAM-LEVEL THREADS FOR EXECUTION BY A COMPUTER SYSTEM

DATE THAT INVENTOR SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on

(1) 08 24 , 1998.

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 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 inventions 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.

Signed

RECORDED: 08/25/1998

CITY DATE on 08 24 , 1998, Nectakantan Sundaresan

SIGNATURE INVENTOR

PATENT REEL: 9412 FRAME: 0991