BOX ASSIGNMENTS

08-28-2001



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RADEMARKS:	

CAPATIL CONTINUE CICA	101824553
TO THE HONORABLE COMMISSION OF PATENTS A SIR: Please record the enclosed original documents or co	AND TRADEMARKS: opy thereof.
1. NAME OF CONVEYING PARTYIES (ASSIGNORS):	
a. William J. Dally b. Scott W. Rixner	c. John Owens d. Ujval J. Kapasi
Additional names of conveying parties enclosed?	X NO YES
2. PARTY(ASSIGNEE) RECEIVING INTEREST:	
NAME: The Board of Trustees of the Leland Stanford Junior University ADDRESS: 900 Welch Road, Suite 350	AND The Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02142
Palo Alto, CA 94304 Additional names and addresses enclosed?	X NO YES
3. NATURE OF CONVEYANCE: (Submit only one document for recordationmultiple copies of same As. X Assignment of X Whole Part in Change of name X Patent Application	
Security Merger Other:	
4. Execution date/s on Declaration (if filed herewith): July	18, 20, and 31, 2001
4.5 Appl/Pat Nos.: others on additional sheets enclosed?	X NO YES
A. Pat. App. No/s Matter # 1st inventor if not in item 1 1 1 1 1 1 1 1 1 1	B. Patent No(s) 1st inventor if not in item 1
Name and address of party to whom correspondence concerning document should be mailed:	6. NUMBER INVOLVED: Applns: 1 + Pats: 0 = TOTAL 1
Pillsbury Winthrop LLP 1600 Tysons Boulevard McLean, Virginia 22102	7. Amount of fee enclosed (Code 581): Above Total x \$40 = \$40.00
5.5 ATTY DKT: 81013	If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975 UNDER ORDER NO.: 0269932
0269932 S97-246 CIP	due sheet pet required CLIENT/MATTER
MATTER NO. CLIENT REF.	dup. Sneet not required
STATEMENT AND SIGNATURE. To the best of my k correct and any attached copy is a true copy of the original	nowledge and belief, the foregoing information is true and al document.
Signature 10.	Total pages including this cover sheet and document: 3
Atty: Christopher D. Agnew, Patent Agent, R. Tel: (650) 233-4609 Fax: (650) 233-4545	eg. No. 32,995 Date: August 10, 2001 Atty/Sec: RSJ/CDA/jwc

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PATENT REEL: 012099 FRAME: 0397 Please return recorded to: Pillsbury Winthrop LLP 1600 Tysons Boulevard McLean, Virginia 22102 Atty Dkt : 081013/0269932 Client Ref: TS-019

ASSIGNMENT of U.S. Origin Patent Application

WHEREAS, the undersigned, to wit: William J. DALLY, Scott W. RIXNER, John OWENS, and Ujval J. KAPASI, (hereinafter ASSIGNOR), has made an invention entitled, **System and Method for Performing Efficient Conditional Vector Operations for Data Parallel Architectures**, for which an application for Letters Patent of the United States was filed on May 30, 2001, under Serial No.: 09/871,301; and

WHEREAS, The Board of Trustees of The Leland Stanford Junior University, CO-ASSIGNEE, a body having corporate powers under the laws of the State of California and having an office at Stanford University, 900 Welch Road, Suite 350, Palo Alto, CA 94304, desires to acquire an interest therein; and

WHEREAS, The Massachusetts Institute of Technology, CO-ASSIGNEE, a body having corporate powers under the laws of the State of Massachusetts and having an office at 77 Massachusetts Avenue, Cambridge, MA 02142, desires to acquire an interest therein; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

PATENT REEL: 012099 FRAME: 0398

Application No.: 09/871,301 Filed: May 30, 2001 Assignment

NOTE: The undersigned hereby authorizes Pillsbury Winthrop LLP, of the above address, to insert further identification necessary or desirable for recordation of this document.

Executed on the date below indicated.

Date Signed

7/20/01

Witness

_Brian Toules

Signature

Scott W. RIXNER

Date Signed

7/31/01

Wingss

The Tayles

Signature

Date Signed

Witness

John OWENS

7/18/01

Wiem Christopher Niederauer

Signature

Hival I KAPASI

RECORDED: 08/13/2001

Date Signed

7/18/01

Witness

Brian Towles