

## BOX ASSIGNMENTS

12-14-1998

PA

SHEET  
ENTS ONLY

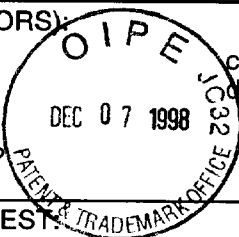
TO THE HONORABLE COMMISSIONER 100920655

RKS:

SIR: Please record the enclosed original documents or copy thereof.

## 1. NAME OF CONVEYING PARTIES (ASSIGNORS):

- a. **William J. DALLY**  
b. **Scott Whitney RIXNER**



John OWENS  
Ujval J. KAPASI

Additional names of conveying parties enclosed?

☒ NO ☐ YES

## 2. PARTIES (ASSIGNEES) RECEIVING INTEREST:

Name: **The Board of Trustees of the Leland Stanford Junior University**  
Address: **Stanford, CA 94305**

AND:

Name: **The Massachusetts Institute of Technology**  
Address: **77 Massachusetts Avenue, Cambridge, MA 02142**

Additional names and addresses enclosed?

☒ NO ☐ YES

## 3. NATURE OF CONVEYANCE:

(Submit only one document for recordation--multiple copies of same Assignment signed by different inventors is one document)

☒ Assignment of ☒ Whole ☐ Part interest

☐ Change of name ☒ Patent Application

☐ Security ☐ Merger ☐ Other:

Execution dates:

10/29/98; 11/2/98;  
11/5/98 and 11/23/98

4. Execution date/s on Declaration (if filed herewith): **n/a**

## 4.5 Appl/Pat Nos.: others on additional sheets enclosed?

☒ NO ☐ YES

A. Pat. Appln. #	Matter #	1st inventor if not in item 1	B. Patent No(s)	1st inventor if not in item 1
09/152,944	252806			

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Pillsbury Madison & Sutro LLP  
1100 New York Avenue N.W., 9th Floor, East Tower  
Washington, D.C. 20005-3918

## 6. NUMBER INVOLVED:

Applns: 1 + Pats: 0 = TOTAL 1

7. Amount of fee enclosed (Code 581):  
Above Total x \$40 = **\$40.00**5.5 ATTY DKT: **81013-3****252806****S97-246**

MATTER NO.

CLIENT REF.

8. If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975

UNDER ORDER: **81013/252806**

dup. sheet not required

CLIENT/MATTER

## 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.

*Mark J. Danielson* 40,580  
Signature

10. Total pages including this cover sheet and document: **4**

Atty: Mark J. Danielson, Reg. # 40,580  
Tel: (650) 233-4777 / Fax: (650) 233-4545

Date: **December 1, 1998**  
Att/Sec: MJD/g

12/11/1998 CHDMS 0000010 09153294

12/11/1998 CHDMS 0000010 09153294

PATENT

REEL: 9629 FRAME: 0052

Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
Ninth Floor, East Tower  
1100 New York Avenue, N.W.  
Washington, D.C. 20005-3918

M#

Client Ref.

**ASSIGNMENT**  
**of U.S. Origin Patent Application**  
**(to Corporation)**  
**(or Limited Partnership)**

WHEREAS, the undersigned, to wit:

- 1) William J. Dally, residing at 1068 Vernier Place, Stanford, California
- 2) Scott Whitney Rixner, residing at 2326 California Street, Apt. 8, Mountain View, California 94040
- 3) John Owens, residing at 2151 Oakley Avenue, Menlo Park, California, 94025
- 4) Ujval J. Kapasi, residing at 135C Escondido Village, Stanford, California, 94305

(hereinafter collectively ASSIGNOR), has/have made an invention known as Dkt. 252806

and entitled: System and Method For Performing Conditional Vector Operations

for which an application for Letters Patent of the United States

☒ was filed on September 14, 1998, Appln. No. 09/152,944;

AND WHEREAS The Board of Trustees of The Leland Stanford Junior University (hereinafter CO-ASSIGNEE), a body having corporate powers under the laws of the State of California, at Stanford, CA 94305, is desirous of acquiring the shared right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patent thereon when granted in the United States and foreign countries; and

WHEREAS, The Massachusetts Institute of Technology, (hereinafter, CO-ASSIGNEE) a body having corporate powers under the laws of the State of Massachusetts, at 77 Massachusetts Avenue, Cambridge, MA 02142, is desirous of acquiring the shared right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patent thereon when granted in the United States and foreign countries; and

NOW, THEREFORE, in consideration of the benefits stipulated in the "Agreement Concerning Development of Invention and Distribution of Income," and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto CO-ASSIGNEES, their 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 CO-ASSIGNEES, for their interest as CO-ASSIGNEES, their successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by CO-ASSIGNEES, their successors, assigns and legal representatives, deemed essential to CO-ASSIGNEES' full protection and title in and to the invention hereby transferred.

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

ASSIGNOR assures CO-ASSIGNEES that ASSIGNOR has not granted rights in the invention to any other person or entity and that there is not lien or other encumbrance on the rights to the invention. ASSIGNOR further assures CO-ASSIGNEES that ASSIGNOR has good and full right and lawful authority to assign the above identified rights.

ASSIGNOR agrees to cooperate with CO-ASSIGNEES to secure and protect CO-ASSIGNEES interest and ownership in the invention. Such cooperation includes, by way of illustration and not limitation, providing all pertinent facts and documents relating to the invention as may be known to ASSIGNOR, testifying in any interference, litigation or proceeding related to the invention and promptly executing and delivering to CO-ASSIGNEES or its legal representatives any papers required to apply for, obtain, maintain, issue and enforce the above identified rights. Provided, however, that if any expenses are incurred by ASSIGNOR in providing such cooperation, such expenses shall be paid by CO-ASSIGNEES.

NOTE: The undersigned hereby authorizes Pillsbury Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

  
\_\_\_\_\_  
William J. Dally

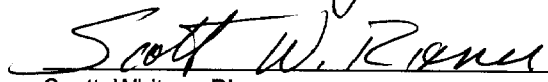
COUNTY OF Santa Clara  
STATE OF California )

On November 23, 1998, before me, Kirsten J. Leute, personally appeared William J. Dally, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



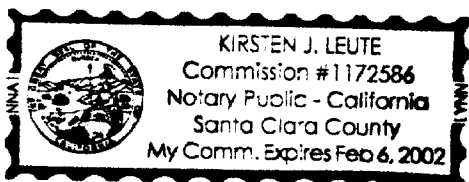
WITNESS my hand and official seal.

Signature Kirsten J. Leute  
\_\_\_\_\_

  
\_\_\_\_\_  
Scott Whitney Rixner

COUNTY OF Santa Clara  
STATE OF California )

On November 2, 1998, before me, Kirsten J. Leute, personally appeared Scott Whitney Rixner, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Signature Kirsten J. Leute  
\_\_\_\_\_

John Owens  
John Owens

COUNTY OF Santa Clara  
STATE OF California

On October 29, 1998, before me, Kirsten J. Leute, Notary Public, personally appeared John Owens, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Signature Kirsten J. Leute  
Ujval J. Kapasi  
Ujval J. Kapasi

COUNTY OF Santa Clara  
STATE OF California

On November 5, 1998, before me, Kirsten J. Leute, Notary Public, personally appeared Ujval J. Kapasi, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Signature Kirsten J. Leute