

08-06-1998



PATENT

100786055  
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TO: Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

## Submission Type

- ☒ New  
☐ Resubmission (Non-Recordation)

Document ID#: 

- ☐ Correction of PTO Error

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## Conveyance Type

- ☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other

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- ☐ Departmental File ☐ Secret File

## Conveying Party(ies)

- ☐ Mark if additional names of conveying parties attached

Name	Execution Date		
	Month	Day	Year
John Redford	07	17	98
	/	/	
	/	/	
	/	/	
	/	/	

## Receiving Party

- ☐ Mark if additional names of receiving parties attached

Name (line 1) Oak Technology, Inc.  
Name (line 2)   
Address (line 1) 139 Kifer Court  
Address (line 2)   
Address (line 3) Sunnyvale CA 94086  
City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment)

## Domestic Representative Name and Address

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Page 2

PATENT

**Correspondent Name and Address**

Area Code and Telephone Number (617) 248-7074

Name Patent Administrator

Address (line 1) Testa, Hurwitz &amp; Thibault, LLP

Address (line 2) High Street Tower

Address (line 3) 125 High Street

Address (line 4) Boston, MA 02110

Pages Enter the total number of pages of the attached conveyance document including any attachments.

2

**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property)

**Patent Application Number(s)**

09/076,521

**Patent Number(s)****Patent Cooperation Treaty (PCT)**Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

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**Number of Properties**

Enter the total number of properties involved.

#

1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$

40.00

Method of Payment:

Enclosed ☒Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account)

Deposit Account Number

#

20-0531

Authorization to charge additional fees:

Yes ☒No ☐**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. Charges to deposit account are authorized, as indicated herein.*

William G. Guerin

Name of Person Signing

Signature

July 29, 1998

Date

462WGG6573/12.A630564-1

Mail documents to be recorded with required cover sheet(s) information to:  
Box Assignment, Commissioner of Patents and Trademarks, Washington, DC 20231

REEL: 9356 FRAME: 0333

**ASSIGNMENT**

WHEREAS, I, **John Redford**, have invented one or more improvements in

**METHOD AND APPARATUS FOR DETERMINING DISCRETE COSINE TRANSFORMS  
USING MATRIX MULTIPLICATION AND MODIFIED BOOTH ENCODING**

described in an application (or provisional application) for Letters Patent of the United States:

☐ identified by Attorney Docket No. \_\_\_\_\_, and/or executed by me of even date herewith and about to be filed in the United States Patent Office;

☒ Serial No. **09/076,521** filed in the United States Patent Office on May 12, 1993 ; and

WHEREAS, Oak Technology, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of California, and having a usual place of business at 139 Kifer Court, Sunnyvale, California 94086 desires to acquire an interest therein, in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the inventions described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under international convention, including but not limited to continuations, divisionals, reissues, and reexaminations of said application of such Letters Patent; said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all of my rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE for its own name as assignee of my entire right, title and interest therein.

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including: the execution of applications for patents in foreign countries; the execution of substitution, reissue, divisional or continuation applications; and preliminary or other statements or the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved; and I

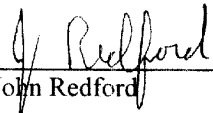
**Sole Assignment**  
**Page 2**

further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment if none is indicated on that date of my execution of this assignment;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

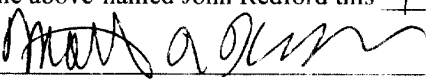
***IN TESTIMONY WHEREOF***, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor:

  
John Redford

Commonwealth of Massachusetts      )  
County of                                      ) ss

Subscribed and sworn to before me, by the above-named John Redford this 17 day of July, 1998.

  
Notary Public

My Commission Expires:

**MATTHEW A. KRAUNELIS**  
**NOTARY PUBLIC**

My commission exp Feb. 17, 2000

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