

02/28/02

Docket No.: 14919Z

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08A/REV03

RECORDS

HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

03-15-2002



102017490

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To the Honorable Commissioner of F

ne attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Karvel K. Thornber  
David W. Jacobs

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: February 28, 2002

## 2. Name and address of receiving party(ies):

Name: NEC Research Institute, Inc.

Address: 4 Independence Way

City: Princeton

State/Prov.: NJ

Country: U.S.A.

ZIP: 08540

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: February 28, 2002

Patent Application No.

Filing date

B. Patent No.(s)

10/085750

Additional numbers

☐ Yes ☒ No

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

Name: Paul J. Esatto, Jr.

Registration No. 30,749

Address: Scully, Scott, Murphy &amp; Presser

400 Garden City Plaza

03/14/2002 TDIAZ1 00000101 10085750

01 FC:581

40.00 DP

City: Garden City

State/Prov.: NY

Country: U.S.A.

ZIP: 11530

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

19-1013 SSMP

(Attach duplicate copy of this page if paying by deposit account)

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## 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.

Paul J. Esatto, Jr.

Name of Person Signing

Signature

February 28, 2002

Date

3

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT

REEL: 012664 FRAME: 0989

## ASSIGNMENT

Whereas, we,

- (1) **Karvel K. Thornber**, of 23 Mercier Place, Berkeley Heights, NJ 07922, USA; and  
(2) **David W. Jacobs**, of 28 Laurel Road, Princeton, NJ 08540, USA;

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application entitled:

### **Cast Shadows and Linear Subspaces for Object Recognition**

Whereas, NEC Research Institute, Inc.  
4 Independence Way  
Princeton, New Jersey 08540

(hereinafter called "Assignee"), desires to acquire the entire right, title, and interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in every Country except for Japan (hereinafter called the "Designated Countries").

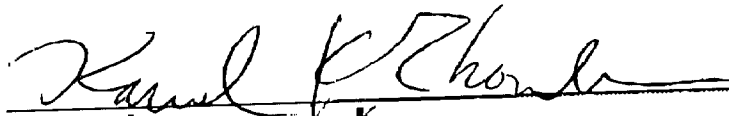
Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or utility model registrations in the Designated Countries as regards the United States application and the invention disclosed therein (including rights of priority based on the United States application), and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with such applications, patents and/or utility model registrations in the Designated Countries when called upon to do so by the Assignee.

Signed and Sealed:

#### **INVENTOR 1:**

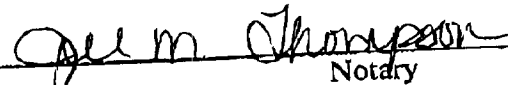
**CITY** at So. Brunswick  
**DATE** on February 28, 2002

  
( **Karvel** **K.** **Thornber** )  
First Name Middle Initial Last Name

State of New Jersey)

County of Middlesex) ss.:

Inventor (1) On this 28<sup>th</sup> day of February before me personally came **Karvel K. Thornber** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

  
Notary

JILL M. THOMPSON  
Notary Public of New Jersey  
My Commission Expires November 15, 2002

**INVENTOR 2:**

**CITY** at So. Brunswick

**DATE** on February 28, 2002

David  
( **David**  
First Name

W.  
**W.**  
Middle Initial

Jacobs  
**Jacobs**  
Last Name

State of New Jersey)

County of Middlesex) ss.:

Inventor (2) On this 28th day of February before me personally came **David W. Jacobs** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Jill M. Thompson  
Notary  
JILL M. THOMPSON  
Notary Public of New Jersey  
My Commission Expires November 13, 2007