



TO THE ASSISTANT COMMISSIONER FC

101911491

al documents or copy thereof.

1. Name of conveying parties: (If multiple assignors, list numerically)

- 1. James Satsuo Yamaguchi
- 2. Angel Antonio Pepe
- 3. Volkan H. Ozguz
- 4. Andrew Nelson Camien

Additional name(s) of conveying party(ies) attached?
() Yes (X) No

2. Name and address of receiving party:

12-10-01

Name: Irvine Sensors Corporation
Street Address: 3001 Redhill Avenue, Building 3
City: Costa Mesa State: CA ZIP: 92626

Additional name(s) of receiving party(ies) attached?
() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
- () Merger
- () Security Agreement
- () Change of Name
- () Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

- 1. November 15, 2001 2. November 20, 2001
- 3. November 16, 2001 4. November 15, 2001

4. Application number:

() Application filed herewith Execution Date:

(X) Patent Application No.: 09/948,950
Filing Date: September 7, 2001

() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

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

Name: Bruce S. Itchkawitz
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995
Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: ISENSOR.004A

7. Total fee (37 CFR 1.21(h)): \$40.00

(X) Enclosed
() Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Bruce S. Itchkawitz
Name of Person Signing

Signature

12/6/01
Date

47,677
Registration No.

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

12/11/2001 6TOM11 00000048 09948950

01 FC:581

(40.00 OP)

U.S. Patent and Trademark Office
Attn: Assignment Division
Crystal Gateway-4
1213 Jefferson Davis Highway, Suite 320
Arlington, VA 22202

ASSIGNMENT

WHEREAS, We, James Satsuo Yamaguchi, a United States citizen, residing at 29462 Castle Road, Laguna Niguel, California 92677, Angel Antonio Pepe, a United States citizen, residing at 13 Banyan Tree Lane, Irvine, California 92612, Volkan H. Ozguz, a United States citizen, residing at 34 Lyon Ridge, Aliso Viejo, California 92656, and Andrew Nelson Camien, a United States citizen, residing at 1605 White Oak Street, Costa Mesa, California 92626, have invented certain new and useful improvements in MULTILAYER MODULES WITH FLEXIBLE SUBSTRATES for which we have filed an application for Letters Patent in the United States, Application No. 09/948,950, filed September 7, 2001;

AND WHEREAS, Irvine Sensors Corporation (hereinafter "ASSIGNEE"), a Delaware corporation, with its principal place of business at 3001 Redhill Avenue, Building 3, Costa Mesa, California 92626, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15th day of November, 2001.

James Satsuo Yamaguchi
James Satsuo Yamaguchi

STATE OF CALIFORNIA

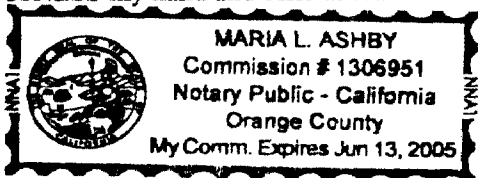
COUNTY OF ORANGE

ss.

On 11/15/01, before me, Maria L. Ashby, Notary Public, personally appeared James Satsuo Yamaguchi 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.

[SEAL]



Maria L. Ashby
Notary Signature

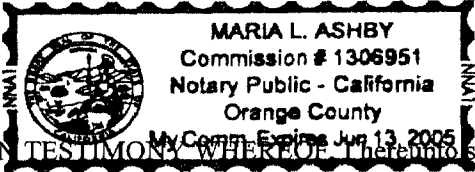
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20th day of November, 2001

Angel Antonio Pepe
Angel Antonio Pepe

STATE OF CALIFORNIA }
COUNTY OF ORANGE } ss.

On November 20, 2001, before me, Maria L. Ashby, Notary Public, personally appeared Angel Antonio Pepe 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.

[SEAL] 

Maria L. Ashby
Notary Signature

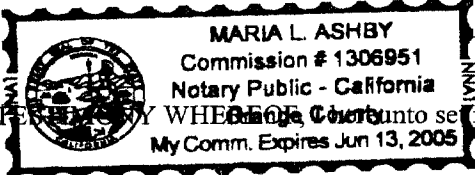
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16 day of November, 2001

Volkan H. Ozguz
Volkan H. Ozguz

STATE OF CALIFORNIA }
COUNTY OF ORANGE } ss.

On November 16, 2001, before me, Maria L. Ashby, Notary Public, personally appeared Volkan H. Ozguz 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.

[SEAL] 

Maria L. Ashby
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15th day of November, 2001

Andrew Nelson Camien
Andrew Nelson Camien

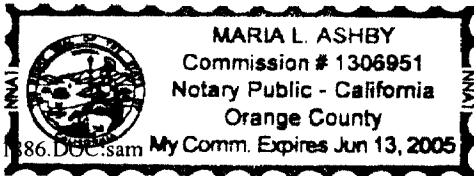
STATE OF CALIFORNIA }
COUNTY OF ORANGE } ss.

On November 15, 2001, before me, Maria L. Ashby, Notary Public, personally appeared Andrew Nelson Camien personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is/are 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.

[SEAL]

Maria L. Ashby
Notary Signature



H:\DOCS\BSI\BSI-1386.DOC:sam
103001