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Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

02-28-2007

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



2007 FEB 27 AM 10:54

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Documents or the new **FINANCE SECTION** (see below)

To the Director of the U.S. Patent and Trademark Office

**1. Name of conveying party(ies)**

Daniel Michaels

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

**2. Name and address of receiving party(ies)**

Name: Irvine Sensors Corp.

Internal Address: \_\_\_\_\_

Street Address: 3001 Redhill Ave.

Bldg. 4, Suite 108

City: Costa Mesa

State: CA

Country: USA

Zip: 92672

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) June 23, 2006

Assignment

Merger

Security Agreement

Change of Name

Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

11/350974

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: W. Eric Boyd, Esq.

Internal Address: \_\_\_\_\_

Street Address: Irvine Sensors Corp.

3001 Redhill Ave., Bldg 4, Suite 108

City: Costa Mesa

State: CA

Zip: 92626

Phone Number: (714) 444-8863

Fax Number: (714) 662-0776

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 1

**7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

W. Eric Boyd  
Signature

2/23/07  
Date

W. Eric Boyd

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS I, Daniel Michaels of 326 Mainsail Ave., Oceanside, CA 92054 have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled Stacked Ball Grid Array Package Module Utilizing One or More Interposer Layers, for which an application for United States Letters Patent was filed on February 8, 2006, and identified by United States Serial No. 11/350,974.

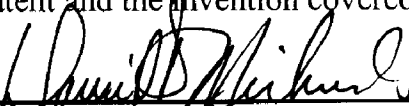
AND WHEREAS, Irvine Sensors Corporation, a corporation of the State of Delaware and having an address of 3001 Redhill Avenue, Building 4, Suite 108, Costa Mesa, CA 92626, is my employer and is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefore;

NOW, THEREFORE, for consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Irvine Sensors Corporation, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Irvine Sensors Corporation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

23 June 2006  
Dated

  
Daniel Michaels