

Form PTO-1595 (Rev. 12-08)
OMB No. 0651-0027 (exp. 01/31/2009)

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

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

David Ludwig
Christian Krutzik
John Kennedy

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

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

Execution Date(s) January 15, 2009; January 16, 2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Irvine Sensors Corporation

Internal Address: _____

Street Address: 3001 Redhill Ave., Building 4, Suite 108

City: Costa Mesa

State: CA

Country: USA Zip: 92626

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

7,180,579

Additional numbers attached? ☐ Yes ☒ No

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

Name: W. Eric Boyd

Internal Address: _____

Street Address: Irvine Sensors Corp.

3001 Redhill Ave., Building 4, Suite 108

City: Costa Mesa

State: CA Zip: 92626

Phone Number: (714) 444-8863

Fax Number: (714) 662-0776

Email Address: eboyd@irvine-sensors.com

6. Total number of applications and patents involved: (1)

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

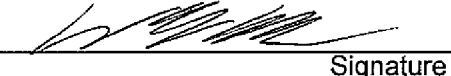
- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:


Signature

January 20, 2009

Date

W. Eric Boyd

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 8

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

700396787

PATENT
REEL: 022137 FRAME: 0054

OP \$40.00 7180579

CORRECTIVE ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of this Corrective Assignment of Patent Rights (the "Assignment") which is hereby acknowledged, on this 16th day of January 2009, David E. Ludwig, residing in Irvine, CA, John V. Kennedy, residing in Irvine, CA and Christian Krutzik, residing in Costa Mesa, CA (together, the "Assignors"), to ensure that the assignment dated June 20, 2005 and June 28 2005, and filed with the United States Patent and Trademark Office on July 12, 2005, at Reel/Frame 016762/0738, is completed, hereby sell, assign, and transfer to Irvine Sensors Corporation, a Delaware corporation ("Assignee"), the full extent of all right, title, and interest in and to any and all of the following (collectively, the "Rights"):

1. U.S. Patent 7,180,579, entitled, "Three-dimensional imaging processing module incorporating stacked layers containing microelectronic circuits" (the "Patent");
2. Patent Application Serial No. 10/806,037 filed on 3/22/2004, which issued as the Patent (the "Application");
3. All inventions claimed or described in any or all of the Patent or the Application (collectively, the "Inventions");
4. All rights with respect to the Inventions, including all U.S. patents or other governmental grants or issuances that may be granted with respect to the Inventions or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Patent or the Application ("Potential Patents");
5. All reissues, reexaminations, extensions, or registrations of the Patent or Potential Patents;
6. All non-United States patents, patent applications, and counterparts relating to any or all of the Inventions, the Application, the Patent, or Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("Foreign Rights"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
7. The right to claim priority rights deriving from the Application;
8. All causes of action and remedies related to any or all of the Application, the Patent, the Inventions, Potential Patents, or Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and
9. Any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Patent, the Inventions, Potential Patents, or Foreign Rights.

Assignors will not sign any writing or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignors request the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignors, their successors, legal representatives and assigns.

By: 
(Christian Krutzik, Signature *MUST* be attested)

ATTESTATION

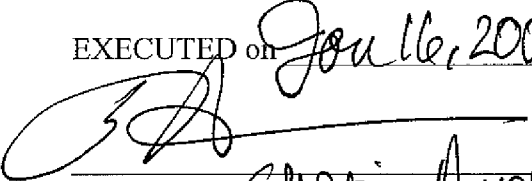
ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Christian Krutzik to the above Corrective Assignment of Patent Rights on behalf of Christian Krutzik and makes the following statements:

7. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
8. Christian Krutzik is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Jan 16 2009 to execute the above Corrective Assignment of Patent Rights on behalf of Christian Krutzik.
9. Christian Krutzik subscribed to the above Corrective Assignment of Patent Rights on behalf of Christian Krutzik.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on Jan 16, 2009 (date)


Print Name: Sheri Anderson

CORRECTIVE ASSIGNMENT OF PATENT RIGHTS

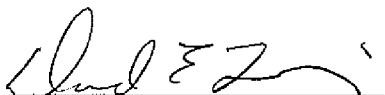
For valuable consideration, the receipt and sufficiency of this Corrective Assignment of Patent Rights (the "Assignment") which is hereby acknowledged, on this 15 day of January 2009, David E. Ludwig, residing in Irvine, CA, John V. Kennedy, residing in Irvine, CA and Christian Krutzik, residing in Costa Mesa, CA (together, the "Assignors"), to ensure that the assignment dated June 20, 2005 and June 28 2005, and filed with the United States Patent and Trademark Office on July 12, 2005, at Reel/Frame 016762/0738, is completed, hereby sell, assign, and transfer to Irvine Sensors Corporation, a Delaware corporation ("Assignee"), the full extent of all right, title, and interest in and to any and all of the following (collectively, the "Rights"):

1. U.S. Patent 7,180,579, entitled, "Three-dimensional imaging processing module incorporating stacked layers containing microelectronic circuits" (the "Patent");
2. Patent Application Serial No. 10/806,037 filed on 3/22/2004, which issued as the Patent (the "Application");
3. All inventions claimed or described in any or all of the Patent or the Application (collectively, the "Inventions");
4. All rights with respect to the Inventions, including all U.S. patents or other governmental grants or issuances that may be granted with respect to the Inventions or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Patent or the Application ("Potential Patents");
5. All reissues, reexaminations, extensions, or registrations of the Patent or Potential Patents;
6. All non-United States patents, patent applications, and counterparts relating to any or all of the Inventions, the Application, the Patent, or Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("Foreign Rights"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
7. The right to claim priority rights deriving from the Application;
8. All causes of action and remedies related to any or all of the Application, the Patent, the Inventions, Potential Patents, or Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and
9. Any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Patent, the Inventions, Potential Patents, or Foreign Rights.

Assignors will not sign any writing or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignors request the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignors, their successors, legal representatives and assigns.

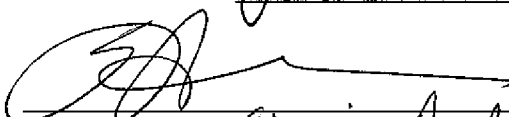
By:

(David E. Ludwig, Signature *MUST* be attested)**ATTESTATION****ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746**

The undersigned witnessed the signature of David E. Ludwig to the above Corrective Assignment of Patent Rights on behalf of David E. Ludwig and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. David E. Ludwig is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 1-15, 2009 to execute the above Corrective Assignment of Patent Rights on behalf of David E. Ludwig.
3. David E. Ludwig subscribed to the above Corrective Assignment of Patent Rights on behalf of David E. Ludwig.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on Jan 15, 2009 (date)
Print Name: Sheri Anderson

CORRECTIVE ASSIGNMENT OF PATENT RIGHTS

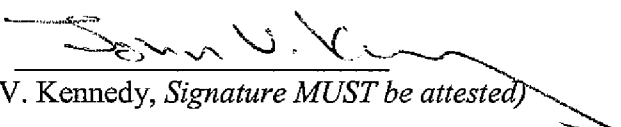
For valuable consideration, the receipt and sufficiency of this Corrective Assignment of Patent Rights (the "Assignment") which is hereby acknowledged, on this Monday of January 2009, David E. Ludwig, residing in Irvine, CA, John V. Kennedy, residing in Irvine, CA and Christian Krutzik, residing in Costa Mesa, CA (together, the "Assignors"), to ensure that the assignment dated June 20, 2005 and June 28 2005, and filed with the United States Patent and Trademark Office on July 12, 2005, at Reel/Frame 016762/0738, is completed, hereby sell, assign, and transfer to Irvine Sensors Corporation, a Delaware corporation ("Assignee"), the full extent of all right, title, and interest in and to any and all of the following (collectively, the "Rights"):

1. U.S. Patent 7,180,579, entitled, "Three-dimensional imaging processing module incorporating stacked layers containing microelectronic circuits" (the "Patent");
2. Patent Application Serial No. 10/806,037 filed on 3/22/2004, which issued as the Patent (the "Application");
3. All inventions claimed or described in any or all of the Patent or the Application (collectively, the "Inventions");
4. All rights with respect to the Inventions, including all U.S. patents or other governmental grants or issuances that may be granted with respect to the Inventions or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Patent or the Application ("Potential Patents");
5. All reissues, reexaminations, extensions, or registrations of the Patent or Potential Patents;
6. All non-United States patents, patent applications, and counterparts relating to any or all of the Inventions, the Application, the Patent, or Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("Foreign Rights"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
7. The right to claim priority rights deriving from the Application;
8. All causes of action and remedies related to any or all of the Application, the Patent, the Inventions, Potential Patents, or Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and
9. Any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Patent, the Inventions, Potential Patents, or Foreign Rights.

Assignors will not sign any writing or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignors request the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignors, their successors, legal representatives and assigns.

By:


(John V. Kennedy, Signature *MUST* be attested)**ATTESTATION****ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. §1746**

The undersigned witnessed the signature of John V. Kennedy to the above Corrective Assignment of Patent Rights on behalf of John V. Kennedy and makes the following statements:

4. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.

5. John V. Kennedy is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Jan 16 2009 to execute the above Corrective Assignment of Patent Rights on behalf of John V. Kennedy.

6. John V. Kennedy subscribed to the above Corrective Assignment of Patent Rights on behalf of John V. Kennedy.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on Jan 16, 2009 (date)
Print Name: Sherie Fuderson