

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David Ludwig</td> <td>01/26/2012</td> </tr> <tr> <td>James Justice</td> <td>01/30/2012</td> </tr> <tr> <td>Medhat Azzazy</td> <td>01/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	David Ludwig	01/26/2012	James Justice	01/30/2012	Medhat Azzazy	01/26/2012
Name	Execution Date								
David Ludwig	01/26/2012								
James Justice	01/30/2012								
Medhat Azzazy	01/26/2012								
RECEIVING PARTY DATA									
Name:	Irvine Sensors Corporation								
Street Address:	3001 Red Hill Ave., B4-108								
City:	Costa Mesa								
State/Country:	CALIFORNIA								
Postal Code:	92626								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13338332</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13338332				
Property Type	Number								
Application Number:	13338332								
CORRESPONDENCE DATA									
Fax Number:	(714)444-8773								
Phone:	714-444-8835								
Email:	sanderson@isc8.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Sheri Anderson								
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ATTORNEY DOCKET NUMBER:	IP-064NP								
NAME OF SUBMITTER:	Sheri Anderson								
Total Attachments: 6 source=IP064NP#page1.tif									

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ASSIGNMENT OF PATENT RIGHTS

The undersigned, **David Ludwig**, residing in **Irvine, CA**, (as the “*Assignor*”) has invented and wishes to assign the invention and improvement described and disclosed in the Patent Application described below (the “*Invention*”) to Irvine Sensors Corporation, a Delaware corporation (“*Assignee*”).

Assignee desires to acquire the entire right, title and interest in and to the assets and rights conveyed, assigned, and transferred pursuant to this Assignment of Patent Rights, made effective as of **December 28, 2011** (this “*Assignment*”).

Therefore, for valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor hereby irrevocably and unconditionally conveys, assigns, and transfers to Assignee, the full extent of his right, title, and interest in and to any and all of the following (the “*Rights*”):

- The Inventions and all rights in any country of the world with respect to the Inventions;
- The patent applications and patents listed in the table below, as well as all letters patent, United States patents or other governmental grants or issuances that may be granted or issued with respect to the Inventions, as well as any and all divisions, continuations (in whole or in part), substitutions, renewal, or other applications claiming priority rights from the Patents or Inventions (the “*Patents*”);
- All reissues, requests for continuing examinations, reexaminations, extensions or registrations of the Patents;
- All non-United States patents, patent applications, and counterparts with respect of the Inventions and the Patents including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances, and including the right to file foreign applications directly in the name of Assignee;
- The right to claim priority rights deriving from the Patents and for Assignee to otherwise avail itself of the provisions of the international conventions governing the protection of inventions;
- All causes of action, remedies and other enforcement rights related to the Inventions and the Patents (including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to the Inventions and the Patents);
- All rights to collect royalties and other payments under or on account of any of the Inventions and the Patents;
- Any and all other rights and interests arising out of, in connection with, or in relation to the Inventions and the Patents; and
- All documents related to the conception, diligence and reduction to practice of the Inventions and all domestic and international patent filing documents.

Patent or

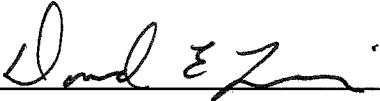
<u>Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
13/338,332	US	12-28-2011	Sensor System Comprising Stacked Micro-Channel Plate Detector

Assignor requests the respective patent office or governmental agency in each jurisdiction to grant or issue any and all letters 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 Assignee, as Assignee to the entire interest therein.

A copy of this Assignment will be deemed a full legal and formal equivalent of any document that may be required in any country as proof of the right of Assignee to apply for patent or other protection for any Inventions and to claim the benefit of the right of priority thereto. Assignor grants to Assignee the right, power and authority to insert in this Assignment of Patent Rights any further information or identification that may be necessary or desirable to comply with the applicable rules and procedures for recordation of this Assignment of Patent Rights, or perfecting its benefit, throughout the world.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors or assigns, and anyone properly designated by them and will be binding upon Assignor, his successors or assigns, and anyone properly designated by him.

ASSIGNOR:



David Ludwig

1/26/12

Date

ASSIGNMENT OF PATENT RIGHTS

The undersigned, **James Justice**, residing in **Newport Beach, CA**, (as the “*Assignor*”) has invented and wishes to assign the invention and improvement described and disclosed in the Patent Application described below (the “*Invention*”) to Irvine Sensors Corporation, a Delaware corporation (“*Assignee*”).

Assignee desires to acquire the entire right, title and interest in and to the assets and rights conveyed, assigned, and transferred pursuant to this Assignment of Patent Rights, made effective as of **December 28, 2011** (this “*Assignment*”).

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- All reissues, requests for continuing examinations, reexaminations, extensions or registrations of the Patents;
- All non-United States patents, patent applications, and counterparts with respect of the Inventions and the Patents including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances, and including the right to file foreign applications directly in the name of Assignee;
- The right to claim priority rights deriving from the Patents and for Assignee to otherwise avail itself of the provisions of the international conventions governing the protection of inventions;
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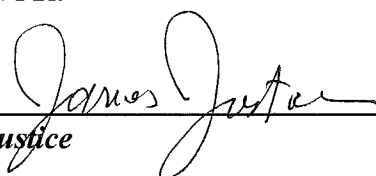
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ASSIGNOR:



James Justice

1-30-2012

Date

ASSIGNMENT OF PATENT RIGHTS

The undersigned, **Medhat Azzazy**, residing in **Laguna Niguel, CA**, (as the “*Assignor*”) has invented and wishes to assign the invention and improvement described and disclosed in the Patent Application described below (the “*Invention*”) to Irvine Sensors Corporation, a Delaware corporation (“*Assignee*”).

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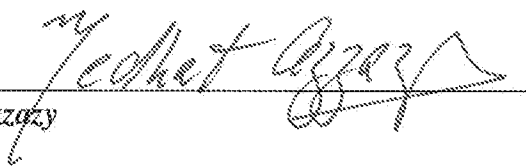
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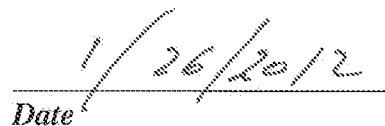
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ASSIGNOR:



Medhat Azzazy



Date