

## 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>Takahiro Suzuki</td> <td>03/21/2012</td> </tr> <tr> <td>Yuko Endo</td> <td>03/21/2012</td> </tr> <tr> <td>Yoshihiro Kai</td> <td>03/21/2012</td> </tr> <tr> <td>Yuichiro Takai</td> <td>03/21/2012</td> </tr> </tbody> </table>  |                                      | Name          | Execution Date            | Takahiro Suzuki     | 03/21/2012                           | Yuko Endo | 03/21/2012 | Yoshihiro Kai  | 03/21/2012 | Yuichiro Takai | 03/21/2012 |
| Name   | Execution Date                       |               |                           |                     |                                      |           |            |                |            |                |            |
| Takahiro Suzuki  | 03/21/2012                           |               |                           |                     |                                      |           |            |                |            |                |            |
| Yuko Endo  | 03/21/2012                           |               |                           |                     |                                      |           |            |                |            |                |            |
| Yoshihiro Kai  | 03/21/2012                           |               |                           |                     |                                      |           |            |                |            |                |            |
| Yuichiro Takai   | 03/21/2012                           |               |                           |                     |                                      |           |            |                |            |                |            |
| RECEIVING PARTY DATA   |                                      |               |                           |                     |                                      |           |            |                |            |                |            |
| <table border="1"> <tr> <td>Name:</td> <td>Nissha Printing Co., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>3, Mibu Hanai-cho, Nakagyo-ku, Kyoto</td> </tr> <tr> <td>City:</td> <td>Kyoto-shi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>6048551</td> </tr> </table>  |                                      | Name:         | Nissha Printing Co., LTD. | Street Address:     | 3, Mibu Hanai-cho, Nakagyo-ku, Kyoto | City:     | Kyoto-shi  | State/Country: | JAPAN      | Postal Code:   | 6048551    |
| Name:  | Nissha Printing Co., LTD.            |               |                           |                     |                                      |           |            |                |            |                |            |
| Street Address:  | 3, Mibu Hanai-cho, Nakagyo-ku, Kyoto |               |                           |                     |                                      |           |            |                |            |                |            |
| City:  | Kyoto-shi                            |               |                           |                     |                                      |           |            |                |            |                |            |
| State/Country:   | JAPAN                                |               |                           |                     |                                      |           |            |                |            |                |            |
| Postal Code:   | 6048551                              |               |                           |                     |                                      |           |            |                |            |                |            |
| 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>13392621</td> </tr> </tbody> </table>  |                                      | Property Type | Number                    | Application Number: | 13392621                             |           |            |                |            |                |            |
| Property Type  | Number                               |               |                           |                     |                                      |           |            |                |            |                |            |
| Application Number:  | 13392621                             |               |                           |                     |                                      |           |            |                |            |                |            |
| CORRESPONDENCE DATA  |                                      |               |                           |                     |                                      |           |            |                |            |                |            |
| <p>Fax Number: (412)945-5933<br/>         Phone: 412-471-8815<br/>         Email: assignments@webblaw.com<br/> <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: THE WEBB LAW FIRM, P.C.<br/>         Address Line 1: ONE GATEWAY CENTER<br/>         Address Line 2: 420 FT. DUQUESNE BLVD, SUITE 1200<br/>         Address Line 4: PITTSBURGH, PENNSYLVANIA 15222</p> |                                      |               |                           |                     |                                      |           |            |                |            |                |            |
| ATTORNEY DOCKET NUMBER:  | 0388-120584                          |               |                           |                     |                                      |           |            |                |            |                |            |
| NAME OF SUBMITTER:   | Russell D. Orkin                     |               |                           |                     |                                      |           |            |                |            |                |            |
| <p>Total Attachments: 3<br/>         source=RECCOVER#page1.tif<br/>         source=ASSIGN#page1.tif<br/>         source=ASSIGN#page2.tif</p>   |                                      |               |                           |                     |                                      |           |            |                |            |                |            |

OP \$40.00 13392621

**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)**  
Takahiro SUZUKI  
Yuko ENDO  
Yoshihiro KAI  
Yuichiro TAKAI  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: NISSHA PRINTING CO., LTD.  
Internal Address: \_\_\_\_\_  
Street Address: 3, Mibu Hanai-cho, Nakagyo-ku  
City: Kyoto-shi, Kyoto  
State: \_\_\_\_\_  
Country: JAPAN Zip: 6048551  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) March 21, 2012  
 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)  
13/392,621  
B. Patent No.(s)  
Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Russell D. Orkin  
Internal Address: The Webb Law Firm  
Street Address: One Gateway Center  
420 Ft. Duquesne Blvd., Ste 1200  
City: Pittsburgh  
State: PA Zip: 15222  
Phone Number: 412-471-8815  
Fax Number: 412-945-5933  
Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40  
 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 4775  
Expiration Date 05/2012  
b. Deposit Account Number 23-0650  
Authorized User Name \_\_\_\_\_

**9. Signature:** Russell D. Orkin May 7, 2012  
Signature Date  
Russell D. Orkin 25,363 Total number of pages including cover sheet, attachments, and documents: **3**  
Name of Person Signing

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

Attorney Docket No.:

### Assignment

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto NISSHA PRINTING CO., LTD. with offices at 3, Mibu Hanai-cho, Nakagyo-ku, Kyoto-shi, Kyoto 6048551, Japan (hereinafter ASSIGNEE), effective on the date indicated next to my name, all right, title and interest in and to his invention relating to

#### *PRESSURE DETECTION UNIT*

as set forth in his United States Patent Application

executed concurrently herewith

executed March 21, 2012

Serial No. 13/392,621 Filed February 27, 2012

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all divisions, continuations, additions, extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; to be held and enjoyed by said ASSIGNEE, their successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, their successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, their successors, legal representatives or assigns he will communicate to said ASSIGNEE, their successors, legal representatives or assigns all information known to them relating to said invention or patent application and that they will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said

Attorney Docket No.:

proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, their successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations, reissues, extensions, additions and renewals thereof and to any and all Letters Patent which may be granted therefor or thereon, in said ASSIGNEE, their successors, or assigns or to assist said ASSIGNEE, their successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent for said invention;

Each of the undersigned hereby grants to the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Names and Signatures of Inventors:

|  |   |
|--|---|
| Signature: <u>Takahiro Suzuki</u><br>Takahiro SUZUKI | <u>March 21, 2012</u><br><b>Date of this Assignment</b> |
| Signature: <u>Yuko Endo</u><br>Yuko ENDO             | <u>March 21, 2012</u><br><b>Date of this Assignment</b> |
| Signature: <u>Yoshihiro Kai</u><br>Yoshihiro KAI     | <u>March 21, 2012</u><br><b>Date of this Assignment</b> |
| Signature: <u>Yuichiro Takai</u><br>Yuichiro TAKAI   | <u>March 21, 2012</u><br><b>Date of this Assignment</b> |