

## 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>Yoichi Okamoto</td> <td>12/27/2011</td> </tr> <tr> <td>Takuya Karube</td> <td>12/27/2011</td> </tr> </tbody> </table>                                                                                                                                                                                                                    |                               | Name          | Execution Date      | Yoichi Okamoto      | 12/27/2011              | Takuya Karube     | 12/27/2011                    |       |       |                |       |              |          |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                           | Execution Date                |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| Yoichi Okamoto                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12/27/2011                    |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| Takuya Karube                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12/27/2011                    |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| RECEIVING PARTY DATA                                                                                                                                                                                                                                                                                                                                                                                                                           |                               |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| <table border="1"> <tr> <td>Name:</td> <td>Keyence Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1-3-14, Higashinakajima</td> </tr> <tr> <td>Internal Address:</td> <td>Higashiyodogawa-ku, Osaka-shi</td> </tr> <tr> <td>City:</td> <td>Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>533-8555</td> </tr> </table>                                                             |                               | Name:         | Keyence Corporation | Street Address:     | 1-3-14, Higashinakajima | Internal Address: | Higashiyodogawa-ku, Osaka-shi | City: | Osaka | State/Country: | JAPAN | Postal Code: | 533-8555 |
| Name:                                                                                                                                                                                                                                                                                                                                                                                                                                          | Keyence Corporation           |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| Street Address:                                                                                                                                                                                                                                                                                                                                                                                                                                | 1-3-14, Higashinakajima       |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| Internal Address:                                                                                                                                                                                                                                                                                                                                                                                                                              | Higashiyodogawa-ku, Osaka-shi |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| City:                                                                                                                                                                                                                                                                                                                                                                                                                                          | Osaka                         |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| State/Country:                                                                                                                                                                                                                                                                                                                                                                                                                                 | JAPAN                         |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| Postal Code:                                                                                                                                                                                                                                                                                                                                                                                                                                   | 533-8555                      |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| 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>13346304</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                      |                               | Property Type | Number              | Application Number: | 13346304                |                   |                               |       |       |                |       |              |          |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                                                                  | Number                        |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                                                                            | 13346304                      |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| <p>Fax Number: (540)428-1720<br/>         Phone: 540-428-1701<br/>         Email: LKILYK@KBPATENTLAW.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: KILYK &amp; BOWERSOX, P.L.L.C.<br/>         Address Line 1: 400 HOLIDAY COURT<br/>         Address Line 2: SUITE 102<br/>         Address Line 4: WARRENTON, VIRGINIA 20186</p> |                               |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                                                                                                                                        | 3110-102                      |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                                                                                                                                                                                                             | Luke A. Kilyk                 |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |
| Total Attachments: 2<br>source=Assignment-executed_3110-102#page1.tif<br>source=Assignment-executed_3110-102#page2.tif                                                                                                                                                                                                                                                                                                                         |                               |               |                     |                     |                         |                   |                               |       |       |                |       |              |          |

CH \$40.00 13346304

Docket No. 3110-102

SOLE/JOINT INVENTION

**ASSIGNMENT**

(Worldwide Rights)

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

MICROSCOPE SYSTEM, SURFACE STATE OBSERVING METHOD, AND SURFACE STATE  
OBSERVING PROGRAM

for which We filed an application for United States Letters patent on \_\_\_\_\_, as Application No. \_\_\_\_\_ and

WHEREAS, Keyence Corporation (Full Name of Assignee), a corporation of JAPAN, (State or Country of Incorporation) whose post office address is 1-3-14, Higashinakajima, Higashiyodogawa-ku, Osaka-shi, Osaka, JAPAN (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of \_\_\_\_\_ )

\_\_\_\_\_ )

ss.

State of \_\_\_\_\_ )

Subscribed and sworn to before me this \_\_\_\_\_ day

of \_\_\_\_\_, 2011.

\_\_\_\_\_ Notary Public

SEAL

|                                                                                                            |                         |
|------------------------------------------------------------------------------------------------------------|-------------------------|
| FULL NAME OF FIRST INVENTOR: Yoichi Okamoto                                                                |                         |
| Address: c/o Keyence Corporation<br>1-3-14 Higashinakajima, Higashiyodogawa-ku, Osaka-shi,<br>Osaka, JAPAN |                         |
| Signature:                                                                                                 | <i>Yoichi Okamoto</i>   |
| Date:                                                                                                      | <i>27 December 2011</i> |

|                                                                                                            |                         |
|------------------------------------------------------------------------------------------------------------|-------------------------|
| FULL NAME OF FIRST INVENTOR: Takuya Karube                                                                 |                         |
| Address: c/o Keyence Corporation<br>1-3-14 Higashinakajima, Higashiyodogawa-ku, Osaka-shi,<br>Osaka, JAPAN |                         |
| Signature:                                                                                                 | <i>Takuya Karube</i>    |
| Date:                                                                                                      | <i>27 December 2011</i> |