

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHINSUKE ONOE	12/13/2017
TOSHITERU NAKAMURA	12/12/2017
KENICHIRO YAMADA	12/14/2017
TAKAHIRO MATSUDA	12/18/2017
YOSHIHO SEO	12/18/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HITACHI, LTD.
<b>Street Address:</b>	6-6, MARUNOUCHI 1-CHOME
<b>City:</b>	CHIYODA-KU, TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	100-8280
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15869830
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)628-8844
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Address Line 1:</b>	P.O. BOX 14300
<b>Address Line 4:</b>	WASHINGTON, D.C. 20044
<b>ATTORNEY DOCKET NUMBER:</b>	056203.PA780US
<b>NAME OF SUBMITTER:</b>	MICHAEL H. JACOBS
<b>SIGNATURE:</b>	/Michael H. Jacobs/
<b>DATE SIGNED:</b>	01/16/2018
<b>Total Attachments: 7</b>	
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source=PA780US\_Assignment#page7.tif

# ASSIGNMENT OF APPLICATION

A001920501

Whereas, I (We),

- 1) Shinsuke ONOE, a national of Japan,
- 2) Toshiteru NAKAMURA, a national of Japan,
- 3) Kenichiro YAMADA, a national of Japan,
- 4) Takahiro MATSUDA, a national of Japan,
- 5) Yoshiho SEO, a national of Japan,  
c/o HITACHI, LTD.,  
6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan,

hereinafter referred to as inventor(s), respectively, have invented certain new and useful improvements in:  
"OPTICAL SCANNING DEVICE, IMAGING DEVICE, AND DISTANCE MEASUREMENT DEVICE"  
(the "Application"); and

Whereas, Hitachi, Ltd., a corporation organized under the laws of Japan whose mailing address 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan and its successors, transferees, and assignees (collectively the "Assignee") is (are) desirous of acquiring interests in the entire right, title and interest throughout the world in the subject matter (the "Subject Matter") of the Application:

Now, therefore, in consideration of the sum of One dollar (\$1.00), the receipt whereof is acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said assignee(s), (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

And I (we) hereby agree that I (we) will communicate to the Assignee or their representatives any facts known to me (us) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said assignees, make all rightful oaths and declarations, and generally do everything possible to aid said assignees, their successors and assigns, to obtain and enforce proper protection for said invention in every country or region throughout the world.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

Date Signed

1)

Shinsuke Onoe

Shinsuke ONOE

12 / 13 / 2017

2)

Toshiteru NAKAMURA

3)

Kenichiro YAMADA

100/924501

## ASSIGNMENT OF APPLICATION

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Shinsuke ONOE

2)

Toshiteru Nakamura  
Toshiteru NAKAMURA

12 / 12 / 2017

3)

\_\_\_\_\_  
Kenichiro YAMADA

## ASSIGNMENT OF APPLICATION

400/92 VS 01

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Kenichiro Yamada  
Kenichiro YAMADA

12/14 / 2017

# ASSIGNMENT OF APPLICATION

100/924501

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3)

Kenichiro YAMADA

4) Takahiro Matsuda  
Takahiro MATSUDA

12/18/2017

5) \_\_\_\_\_  
Yoshiho SEO

# ASSIGNMENT OF APPLICATION

A00/924501

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Takahiro MATSUDA

5)

*Yoshiho Seo*

Yoshiho SEO

*12/18 / 2017*