

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NAOKI TAKEUCHI	08/25/2021
SHIGEHITO MIKI	08/20/2021
HIROTAKA TERAU	08/20/2021
RECEIVING PARTY DATA	
Name:	NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY
Street Address:	79-1, TOKIWADAI, HODOGAYAKU
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State/Country:	JAPAN
Postal Code:	2408501
Name:	NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY
Street Address:	4-2-1, NUKUI-KITAMACHI
City:	KOGANEI-SHI, TOKYO
State/Country:	JAPAN
Postal Code:	1848795
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17310931
CORRESPONDENCE DATA	
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<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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ATTORNEY DOCKET NUMBER:	HIB21310PCTUS
NAME OF SUBMITTER:	MARIE DOSICK

SIGNATURE:	/Marie Dosick/
DATE SIGNED:	08/31/2021
Total Attachments: 2 source=Assignment_HIB21310PCTUS#page1.tif source=Assignment_HIB21310PCTUS#page2.tif	

ASSIGNMENT

WHEREAS, we, the following named inventors:

1. Naoki TAKEUCHI, residing in Yokohama-shi, Japan;
2. Shigehito MIKI, residing in Koganei-shi, Japan; and
3. Hirotaka TERAJ, residing in Koganei-shi, Japan;

have invented an invention entitled **PHOTON DETECTION DEVICE**, for which we have executed an application for Letters Patent of the United States (check one):

- () on the date we executed this assignment;
(X) as U.S. Patent Application No. 17/310,931, filed August 31, 2021;
() as International Application No. _____, filed _____;

We authorize the attorneys/agents authorized to act under Customer Number 145572 to insert the filing date and application number of said application when known.

WHEREAS, **National University Corporation YOKOHAMA National University** and **National Institute of Information and Communications Technology** ("Assignees"), both Japanese organizations, **National University Corporation YOKOHAMA National University** having its principal place of business at 79-1, Tokiwadai, Hodogaya-ku, Yokohama-shi, Kanagawa 2408501, Japan, and is desirous of acquiring a respective 60% undivided interest therein. And **National Institute of Information and Communications Technology** having its principal place of business at 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 1848795, Japan, and is desirous of acquiring a respective 40% undivided interest therein, collectively representing the entire interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the above named inventors, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto Assignees, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed.

We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to Assignees, as the assignees of our entire right, title and interest in and to the same, for the sole use of the Assignees, their successors and assigns.

Further, we agree that we will communicate to Assignees, or their representatives, any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Assignees, make all rightful oaths and generally do everything possible to aid Assignees, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our hands on the dates indicated below.

1. Inventor Name: Naoki TAKEUCHI Signature: Naoki Takeuchi Date: 8/25/2021
2. Inventor Name: Shigehito MIKI Signature: _____ Date: _____
3. Inventor Name: Hirotaka TERAJ Signature: _____ Date: _____

ASSIGNMENT

WHEREAS, we, the following named inventors:

1. Naoki TAKEUCHI, residing in Yokohama-shi, Japan;
2. Shigehito MIKI, residing in Koganei-shi, Japan; and
3. Hirotaka TERAJ, residing in Koganei-shi, Japan;

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IN TESTIMONY WHEREOF, we have hereunto set our hands on the dates indicated below.

1. Inventor Name: Naoki TAKEUCHI Signature: _____ Date: _____
2. Inventor Name: Shigehito MIKI Signature: Shigehito Miki Date: August 20, 2021
3. Inventor Name: Hirotaka TERAJ Signature: Hirotaka Terai Date: August 20, 2021