## 507156687 03/02/2022

# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7203531

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NATIONAL INSTITUTE OF JAPAN SCIENCE AND TECHNOLOGY AGENCY	02/21/2022

## **RECEIVING PARTY DATA**

Name:	TAKASHI KIDO
Street Address:	1-27-6, HAMADAYAMA
City:	SUGINAMI-KU, TOKYO
State/Country:	JAPAN
Postal Code:	168-0065

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Patent Number:	10646166

#### **CORRESPONDENCE DATA**

**Fax Number:** (212)336-8001

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.

**Phone:** (212) 336-8000

**Email:** ptodocket@arelaw.com

Correspondent Name: AMSTER, ROTHSTEIN & EBENSTEIN LLP

Address Line 1: 90 PARK AVENUE

Address Line 4: NEW YORK, NEW YORK 10016

ATTORNEY DOCKET NUMBER:	44617/31
NAME OF SUBMITTER:	BRIAN J. AMOS
SIGNATURE:	/Brian J. Amos/
DATE SIGNED:	03/02/2022

## **Total Attachments: 2**

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PATENT 507156687 REEL: 059149 FRAME: 0548

Our Docket 44617/31

#### ASSIGNMENT

In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

ASSIGNOR:

National Institute of Japan Science and Technology Agency 1-8, Honcho 4-chome Kawaguchi-shi, Saitama 332-0012, Japan

hereby sells, assigns and transfers to ASSIGNEE:

Takashi KIDO 1-27-6, Hamadayama Suginami-ku, Tokyo 168-0065, Japan

and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest for the United States and its territorial possessions, including all rights to claim priority, in and to the inventions that were invented by and/or owned by ASSIGNOR, and which are found in U.S. Patent No. 10,646,166, and any legal equivalents thereof, including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patents to be obtained for said inventions, or any continuation, continuation-in-part claiming said inventions or improvements, divisional, renewal, or substitute thereof, and, as to the Letters Patents, any reissue or re-examination or other post-grant issuance thereof (the "PATENTS"), and further including all income, royalties, damages and payments now or hereafter due or payable in respect to the PATENTS, and all causes of action (either in law or in equity) and the sole right to sue, counterclaim and recover for past, present and future infringement of the PATENTS, or any nonprovisional, continuation, continuation-in-part claiming said inventions or improvements, divisional, renewal, or substitute thereof, and, as to the Letters Patents, any reissue or re-examination or other post-grant issuance thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

4856-3048-7823 v.1

PATENT REEL: 059149 FRAME: 0549 ASSIGNOR authorizes ASSIGNEE to make applications for, and to receive, Letters Patent for said inventions in any of said countries or regions, in ASSIGNEE's name, or in ASSIGNOR's name, at ASSIGNEE's election.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said inventions, and any Letters Patent which may issue therefor, and to, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any interference, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said inventions, or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of ASSIGNEE, execute any continuation, continuation-in-part claiming said inventions or improvements, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or re-examination or other post-grant issuance thereof, or any other additional application for Letters Patent for said inventions or any part thereof, in any of said countries or regions, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNOR authorizes and requests the Commissioner of Patents to issue any and all reissue or re-exams of U.S. Patent No. 10,646,166, to Takashi KIDO, as its ASSIGNEE.

IN WITNESS WHEREOF, ASSIGNOR has signed this Assignment on the date indicated adjacent to its signature below.

National Institute of Japan Science and Technology Agency

Dated: Feb 21 , 2022

Name: HARAGUCHI Ryoji

Title: Director, Department of Intellectual Property
Management

4856-3048-7823 v.1