### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date	
KOHEI TATSUMI	07/13/2018	
KAZUTOSHI UEDA	07/13/2018	
NOBUAKI SATO	07/13/2018	
KOJI SHIMIZU	07/13/2018	

#### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16083389

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 209404-9050-US01

PATENT REEL: 046830 FRAME: 0501

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NAME OF SUBMITTER:	BRIAN K. DUTTON		
SIGNATURE:	/Brian K. Dutton/		
DATE SIGNED:	09/10/2018		
This document serves as an Oath/Declaration (37 CFR 1.63).			
Total Attachments: 3			
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PATENT REEL: 046830 FRAME: 0502

Attorney Docket No: 209404-9050-US01

#### **DECLARATION AND ASSIGNMENT**

# ELECTRODE CONNECTION STRUCTURE, LEAD FRAME AND MEHOTD FOR FORMING ELECTRODE CONNECTION STRUCTURE

As	s a below named inventor, I hereby declare that:
Th	nis declaration is directed to:
X	the attached application, or United States application or PCT international application number

WHEREAS, the below named inventor(s) have invented certain new and useful improvements described in the above-identified application,

AND WHEREAS, WASEDA UNIVERSITY, 104 Totsuka-machi 1-chome, Shinjyuku-ku, Tokyo 169-8050, Japan, and MITSUI HIGH-TECH, INC., 10-1, Komine 2-chome, Yahatanishi-ku, Kitakyushu-shi, Fukuoka, 807-8588, Japan corporations of Japan (hereinafter referenced collectively as ASSIGNEE), are desirous of acquiring an equal share of all interest in, to and under the invention, the above-identified application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, have assigned, sold and transferred, and do hereby assign, sell and transfer unto the ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the invention and the above-identified application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for the invention, and in and to any all

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priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

This assignment executed on the date(s) indicated below.

Kohei TATSUMI Legal Name of Inventor

Signature of Inventor

Date July 13, 2018

Additional inventors are named on the supplemental sheet(s) attached hereto.

## SUPPLEMENTAL SHEET(S) FOR DECLARATION AND ASSIGNMENT

	Kazutoshi	UED	<u> </u>			
Ì	Lenal Man	o of	hint	Inventor	/if ann	اطومنا

Legal Name of Joint Inventor (if applicable)

Kazutoshi Veda Signature of Joint Inventor

Date July 13, 2018

Nobuaki SATO

Legal Name of Joint Inventor (if applicable)

N. Sato
Signature of Joint Inventor

Date July, 13, 2018

Koji SHIMIZU

Legal Name of Joint Inventor (if applicable)

Signature of Joint Inventor

Date July 17, 2018