505593851 07/29/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KUNITAKA MASAKI	07/25/2019
RIE HARADA	07/25/2019
NAGISA HOSOYA	07/25/2019
TAKAAKI MATSUOKA	07/25/2019
YUTAKA MIZO	07/25/2019

RECEIVING PARTY DATA

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Street Address:	1-1, TOYOSU 3-CHOME, KOTO-KU
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State/Country:	JAPAN
Postal Code:	135-8710

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16515391

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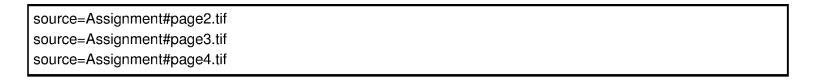
ATTORNEY DOCKET NUMBER:	42974/0044	
NAME OF SUBMITTER:	HAJIME SAKAI	
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DATE SIGNED:	07/29/2019	

Total Attachments: 4

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PATENT REEL: 049887 FRAME: 0066

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PATENT REEL: 049887 FRAME: 0067

ASSIGNMENT OF INVENTION

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

ASSIGNORS:

(1) Full Name of Inventor: Kunitaka MASAKI

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(2) Full Name of Inventor: Rie HARADA

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(5) Full Name of Inventor: Yutaka MIZO

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1-1, Toyosu 3-chome, Koto-ku

Tokyo 135-8710

JAPAN

Attorney Docket No.

hereby sell, assign, and transfer to ASSIGNEE:

IHI Corporation 1-1, Toyosu 3-chome, Koto-ku Tokyo 135-8710 JAPAN

a corporation organized and existing under the laws of Japan, and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest for the United States and its territories and possessions, including all rights to claim priority, in and to the following invention:

Title: WELDING METHOD OF DIFFUSION BONDED STRUCTURE

U.S. Appl. No.: U.S. Filing Date:

PCT No.: PCT/JP2018/001338. PCT Filing Date: January 18, 2018.

that was co-invented by ASSIGNORS, and which claims the benefit of foreign priority to the application listed in the following table:

COUNTRY	APPLICATION NO.	FILING DATE
Japan	2017-010001	January 24, 2017

including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application, and any continuation, continuation-in-part, divisional, renewal, and substitute thereof, and, as to Letters Patent, any reissue, re-examination, and post-issuance review thereof.

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

ASSIGNORS authorize ASSIGNEE to make applications for, and to receive, Letters Patent for said invention for the United States and its territories and possessions, in ASSIGNEE'S name, or in ASSIGNORS' names, at ASSIGNEE'S election.

ASSIGNORS covenant and agree to execute or procure any further necessary assurance of the title to said invention, 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, derivation, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said invention, 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, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue, re-examination, or post-issuance review thereof, or any other additional applications for Letters Patent for said invention or any part thereof, for the United States and its territories and possessions, all of which applications and any Letters Patent issuing thereon hereby being 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.

ASSIGNORS authorize and request the Commissioner for Patents to issue any and all Letters Patent of the United States and its territories and possessions for said invention, resulting from the aforesaid application, to IHI Corporation, as its ASSIGNEE.

WITNESS our hands and seals on:

Kunitaka Masaki	July 25, 2019	
Kunitaka MASAKI	Date	~
Rie Harada.	July 25, 2019	
Rie HARADA	Date	
nagira Horoya	July 25, 2019	
Nagisa HOSOYA	Date	

Attorney Docket No.

Takaaki mateurka	July 25, 2019
Takaaki MATSUOKA	Date
yutaka Mizo	July 25, 2019
Yutaka MIZO	Date