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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TSUTOMU ONE	07/01/2017
TAKASHI WADA	07/01/2017
SHUICHI INADA	07/01/2017
ATSUSHI FUKUNAGA	07/01/2017
NAOKI KIDA	07/01/2017

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	
Street Address:	2-4, WAKINOHAMA-KAIGANDORI 2-CHOME, CHUO-KU, KOBE-SHI	
City:	HYOGO	
State/Country:	JAPAN	
Postal Code:	651-8585	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16075180

CORRESPONDENCE DATA

Fax Number: (703)390-1277

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: (703)390-9051

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Correspondent Name: STUDEBAKER & BRACKETT PC **Address Line 1:** 8255 GREENSBORO DRIVE

Address Line 2: SUITE 300

Address Line 4: TYSONS, VIRGINIA 22102

Total Attachments, O	
DATE SIGNED:	08/06/2018
SIGNATURE:	/Donald R. Studebaker/
NAME OF SUBMITTER:	DONALD R. STUDEBAKER
ATTORNEY DOCKET NUMBER:	007600-000169

Total Attachments: 2

PATENT REEL: 046558 FRAME: 0044 source=Assignment#page1.tif source=Assignment#page2.tif

> PATENT REEL: 046558 FRAME: 0045

ASSIGNMENT OF APPLICATION

WHEREAS I (WE) TSUTOMU ONE of c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd. 5-5, Takatsukadai 1-chome,

Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan, TAKASHI WADA of c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd.

5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan, SHUICHI INADA of c/o Fujisawa Plant in Kobe Steel, Ltd.

100-1, Miyamae, Fujisawa-shi, Kanagawa 251-855! Japan, ATSUSHI FUKUNAGA of c/o Fujisawa Plant in Kobe Steel, Ltd. 100-1,

Miyamae, Fujisawa-shi, Kanagawa 251-8551 Japan , NAOKI KIDA of c/o Fujisawa Plant in Kobe Steel, Ltd. 100-1, Miyamae,

Fujisawa-shi, Kanagawa 251-8551 Japan, respectively, have invented certain new and useful improvements in:

WELDING ROBOT MECHANISM

(Application No. , filed),and

WHEREAS, Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) having a place of business at: 2-4, Wakinohama-Kaigandori

2-chome, Chuo-ku, Kobe-shi, Hyogo, 651-8585, Japan, (hereinafter referred to as "ASSIGNEE") is/are desirous of acquiring the

entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United

States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged,

and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full

and exclusive right to the said 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 therefore 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, substitutions and

renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and

all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire

right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full

end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had

this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us)

respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute,

renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to

said ASSIGNEE, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its (his) successors and

assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and

all foreign countries.

The undersigned hereby grant(s) the firm of Studebaker & Brackett, PC of 8255 Greensboro Drive, Suite 300 Tysons VA

22102 U.S.A. the power to insert on this assignment any further identification, including the application number and filing date,

which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for

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recordation of this document.

PATENT

REEL: 046558 FRAME: 0046

Date July 1.2017	TSUTOMU ONE
Date July 1,2017	和思艺 TAKASHI WADA
Date July 1,2017	SHUICHI INADA
Date July 1,2017	福 永 夏 丈 ATSUSHI FUKUNAGA
Date July 1.2017	大田 直本 NAOKI KIDA
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