10/15/2018 505141512

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TSUYOSHI KASAHARA	06/21/2017
YUICHI TAKAHASHI	09/24/2018

RECEIVING PARTY DATA

Name:	NIPPON SEIKI CO., LTD.	
Street Address:	2-2-34 HIGASHI-ZAOH, NAGAOKA	
City:	NIIGATA	
State/Country:	JAPAN	
Postal Code:	940-8580	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16093603

CORRESPONDENCE DATA

Fax Number: (202)756-8087

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: 202-756-8000

Email: rfeimster@mwe.com, ipdocketmwe@mwe.com,

wdcipptsclerks@mwe.com

Correspondent Name: TOMOKI TANIDA

Address Line 1: MCDERMOTT WILL & EMERY LLP Address Line 2: 500 NORTH CAPITOL STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	050070-0294	
NAME OF SUBMITTER:	RENELL FEIMSTER FOR TOMOKI TANIDA	
SIGNATURE:	/Renell Feimster for Tomoki Tanida/	
DATE SIGNED:	10/15/2018	

Total Attachments: 1

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PATENT REEL: 047166 FRAME: 0051

505141512

Docket No	ASSIGNMENT
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th consideration of the premises and other which is hereby acknowledged, the undersigned,	good and valuable consideration in hand paid, the receipt and sufficiency of
(1) Tsuyoshi Kasahara (2) Yuichi Takahashi (3)	(6)(7)
who have made a certain new and useful invention, l	hereby sell, assign and transfer unto
2-2-34 Higashi-zaoh Nagaoka Niigata 940-8580	
its successors and assigns (hereinafter designated America as defined in 35 U.S.C. 100 in the invention	"ASSIGNEE") the entire right, title and interest for the United States of entitled
(a) for which an application for United States I identified by United States Serial NoStates Letters Patent was executed on	etters Patent was filed on,and ; or (b) for which an application for United
all United States Letters Patent which may be greenewals, continuations, or continuations in part the Protection of Industrial Property to the said ASS	he United States Commissioner of Patents and Trademarks to issue any and anted therefor and any and all extensions, divisions, reissues, substitutes, ereof, and the right to all benefits under the International Convention for the IGNEE, for its interest as ASSIGNEE, its successors, assigns and legal tronneys of record in said application shall hereafter act on behalf of said
application for and obtaining original, divisional, re said ASSIGNEE, its successors, assigns and lea improvements, and applications for patent based the	ransfer a like interest, and to render all necessary assistance in making issued or extended Letters Patent of the United States, upon request of the gal representatives, and without further remuneration, in and to any hereon, growing out of or related to the said invention; and to execute any assigns and legal representatives, deemed essential to ASSIGNEE 's full ansferred.
SIGNED on the dates indicated aside our signatures	
INVENTORS 1) Suyoshi Kasahara Name: Tsuyoshi Kasahara 2) Yuʻichi Takahashi Name: Yuichi Takahashi	DATE SIGNED 6 / 21 / 2017 9 / 24 / 2018
3) Name:	
4) Name:	
5)Name:	
6) Name:	
7) Name:	-

PATENT REEL: 047166 FRAME: 0052

RECORDED: 10/15/2018

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Name: