PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HISATOSHI ITO	12/20/2018
YUKI SAITO	12/27/2018
NAOKI KAWAKUBO	12/20/2018
KENTARO KATO	12/20/2018
TAKAHIRO ARAI	12/20/2018

RECEIVING PARTY DATA

Name:	CANON DENSHI KABUSHIKI KAISHA
Street Address:	1248, SHIMOKAGEMORI
City:	CHICHIBU-SHI
State/Country:	JAPAN
Postal Code:	369-1871

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16243130

CORRESPONDENCE DATA

Fax Number: (212)218-2200

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.

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Correspondent Name: VENABLE LLP

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ATTORNEY DOCKET NUMBER:	140324.496189
NAME OF SUBMITTER:	DANIEL S. GLUECK, REG. NO. 37,838
SIGNATURE:	/Daniel S. Glueck/
DATE SIGNED:	01/09/2019

Total Attachments: 2

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PATENT REEL: 048039 FRAME: 0363

ASSIGNMENT RE NON-PROVISIONAL APPLICATION FOR ALL COUNTRIES

FOR VALUE RECEIVED, I/WE

Hisatoshi ITO	Yuki SAITO	Naoki KAWAKUBO		
Kentaro KATO	Takahiro ARAI	43		
hereby sell, assign, transfer and convey unto CANON DENSHI KABUSHIKI KAISHA				
a corporation of Japan				
having a place of business at 1248,	Shimokagemori, Chiel	nibu-shi, Saitama-ken, Japan		
its successors, assigns and legal representatives (in and to certain inventions relating to	hereinafter called the "Assignee"), the entire right, title and interest, for all countries,		
BLADE DRIVING	DEVICE AND IMAG	GING APPARATUS		
filed on the day of continuations thereof, and all Letters Patent of the and all applications for Letters Patent or other certificate, utility model, utility certificate, pater be filed, and which may be granted, upon said irenewals and extensions thereof; and I/we hereb	and in and to tunited States which may be gran grants of protection of propriet at of importation, registration of inventions in any countries or re y authorize and request the Com- oreign to the United States havin	led herewith or in U.S. Patent Application No. said application, and all divisions, renewals and sted, thereon, and all reissues and extensions thereof, ary rights including, but not limited to, inventor's patent and industrial design registration which may gions foreign to the United States, and all reissues, missioner for Patents and Trademarks of the United g authority so to do, to issue all such Letters Patent inces as it may designate.		
Letters Patent or other grants of protection for s	aid inventions filed by it or them Industrial Property, as amende	tes to invoke and claim for any application for such , the benefit of the right of priority provided by the id, or by a convention which may henceforth be ritten or oral authorization from me/us.		
consent to file or like document which may be re	equired in any country or region f the aforesaid benefit of the right of	ned a full and formal equivalent of any assignment, or any purpose and more particularly in proof of the of priority provided by the International Convention a may henceforth be substituted for it.		
AND I/we hereby covenant that I/we have the full right to convey the entire right, title and interest herein assigned and that I/we have not executed and will not execute any agreement in conflict herewith.				
pertaining to said inventions, and testify in all le applications, make all rightful oaths and declara	gal proceedings, sign all lawful p tions and in general perform all l	o said Assignee or nominees all facts known to us apers, execute all divisional, continuing and reissue awful acts necessary or proper to aid said Assignee rants of protection of said inventions in any and all		
AND I/we hereby authorize the attornumber and filing date of said application when		& Scinto to insert in the spaces above the application		
IN TESTIMONY WHEREOF, Vwe h	ereunto set my/our hand(s):			
Name	Signature	Date		
Hisatoshi ITO	Hisarashi II	10 <u>Per 20 2018</u>		
Yuki SAITO	Yukî Saito	Pec. 27-2218		
Page 1 of 2		Attorney Docket No.:		

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Naoki KAWAKUBO	Naoki KAWAKUBO	Dec., 20, 2018
Kentaro KATO	Kenjara KATO	Dec. 20, 2018
Takahiro ARAI	Takahim AMI	Dec 20 2018

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RECORDED: 01/09/2019

Attorney Docket No.:

PATENT REEL: 048039 FRAME: 0365