506548066 03/11/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIGEKI MIYASHITA	02/18/2021

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
Street Address:	t Address: 1, TOYOTA-CHO, TOYOTA-SHI	
City:	AICHI-KEN	
State/Country:	JAPAN	
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17198248	

CORRESPONDENCE DATA

Fax Number: (703)518-5499

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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Email:bjhgroup@ipfirm.comCorrespondent Name:HAUPTMAN HAM, LLP

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ATTORNEY DOCKET NUMBER:	5984-033T
NAME OF SUBMITTER:	HIROKI KAWASAKI
SIGNATURE:	/Hiroki Kawasaki/
DATE SIGNED:	03/11/2021

Total Attachments: 1

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PATENT 506548066 REEL: 055556 FRAME: 0159

TSN201910817US00 TY4248US

ASSIGNMENT

Docket No.:

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

1) Shigeki MIYASHITA

RECORDED: 03/11/2021

who has made a certain new and useful invention, hereby sells, assigns and transfers unto <u>TOYOTA</u> <u>JIDOSHA KABUSHIKI KAISHA</u> having a place of business at <u>1</u>, <u>Toyota-cho</u>, <u>Toyota-shi</u>, <u>Aichi-ken</u> <u>471-8571</u>, <u>JAPAN</u>, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:

and int	erest for the United States of America	as defined in 35 U.S.C. 100 in the i EGR DEVICE	invention entitled:
(a)	for which an application for United States Letter States Patent Application No.		, and identified by United
(b)	for which an application for United States Lette	ers Patent was executed on,	
United S continua to the sa	indersigned hereby authorizes and requests the Ustates Letters Patent which may be granted the tions-in-part thereof, and the right to all benefits id ASSIGNEE, for its interest as ASSIGNEE, it news of record in said application shall hereafter	erefore and any and all extensions, divis under the International Convention for the ts successors, assigns and legal representati	ions, reissues, continuations, or Protection of Industrial Property
its succe patent b	AND the undersigned hereby agrees to transfer obtaining original, divisional, reissued or extendessors, assigns and legal representatives, and with ased thereon, growing out of or related to the rs, assigns and legal representatives, deemed essed.	ed Letters Patent of the United States, upon hout further remuneration, in and to any imples said invention; and to execute any paper	n request of the said ASSIGNEE, provements, and applications for ers by the said ASSIGNEE, its
۵ر	O on the date indicated aside my signature: Stigethi Migralita/ Shigeki MIYASHITA	Feb.18,2021	
Name:	Shigeki MIYASHITA	Date	