PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5579555

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
HYOUNGWOOK CHOI	05/22/2019
SATORU IKEDA	05/15/2019
HARUYO MIYAKAWA	05/22/2019

RECEIVING PARTY DATA

Name:	SUBARU CORPORATION		
Street Address:	1-20-8, EBISU		
Internal Address:	SHIBUYA-KU		
City:	TOKYO		
State/Country:	JAPAN		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16445518

CORRESPONDENCE DATA

Fax Number: (312)803-4795

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.

Email: docketing@chiplawgroup.com

Correspondent Name: CHIP LAW GROUP
Address Line 1: 155 N WACKER DR

Address Line 2: SUITE 4250

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	19FHI007US0
NAME OF SUBMITTER:	HOPETON WALKER
SIGNATURE:	/Hopeton Walker/
DATE SIGNED:	06/19/2019

Total Attachments: 3

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PATENT 505532758 REEL: 049517 FRAME: 0397

Attorney Docket No. 19FHI007US0 Client Docket No. A03895US00

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention		MOVABLE BODY MONITORING APPARATUS, AND VEHICLE CONTROL SYSTEM AND TRAFFIC SYSTEM USING THE MOVABLE BODY MONITORING APPARATUS					
As the below named inventor, I hereby declare that:							
This declaration	nis declaration 🗵 The attached application, or						
is directed to:	s directed to: United States application or PCT international application number filed on						
The above-identit	fied ap	plication was mad	le or authorized to be	made b	y me.	,	
I believe that I am	n the o	riginal inventor or	an original joint inve	ntor of a	a claimed i	invention in the application.	
·		CORPORATION					
(hereinafter refer	red to	as "ASSIGNEE") h	aving places of busine	ess at:	1-20-8,	, Ebisu, Shibuya-ku, Tokyo, Japan	
						on and in and to any Letters Patent that may any and all foreign countries;	
NOW, THEREFORE, in consideration of the sum of ONE DOLLAS (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, 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 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor 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 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 assignees of my entire right, title and interest in and to the same, for the sole use and behoof 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 had this Assignment and sale not been made.							
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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.							
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.							
LEGAL NAME OF	INVEN	TOR					
Inventor: Hyo	oungw	rook CHOI			Date:	May 22.2019	
Signature:	70	lyoungwook c	hei				

PATENT REEL: 049517 FRAME: 0398

Attorney Docket No. 19FHI007US0 Client Docket No. A03895US00

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	MOVABLE BODY MONITORING APPARATUS, AND VEHICLE CONTROL SYSTEM AND TRAFFIC SYSTEM USING THE MOVABLE BODY MONITORING APPARATUS							
As the below nam	ned inventor, i hereby declare that:							
This declaration	The attached application, or							
is directed to:	United States application or PCT international application number filed on							
The above-identif	fied application was made or authorized to be made by me.							
I believe that I an	the original inventor or an original joint inventor of a claimed invention in the application.							
	BARU CORPORATION							
(hereinafter refer	red to as "ASSIGNEE") having places of business at: 1-20-8, Ebisu, Shibuya-ku, Tokyo, Japan							
	uiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may fore in the United States and its territorial possessions and in any and all foreign countries;							
and for other god and exclusive rig (including the rig Treaties and Arra Letters Patent wh countries and in a	FORE, in consideration of the sum of ONE DOLLAS (\$1.00), the receipt whereof is hereby acknowledged, of and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full to the said invention in the United States and its territorial possessions and in all foreign countries that to claim priority under the terms of the International Convention and other relevant International angements from the aforesaid application) and the entire right, title and interest in and to any and all nich may be granted therefor in the United States and its territorial possessions and in any and all foreign and to any and all divisions, reissues, continuations, substitutions and renewals thereof.							
and all foreign co entire right, title assigns, to the fu	norize and request the Patent Office Officials in the United States and its territorial possessions and any nutries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignees of my and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and all end of the term for which said Letters Patent may be granted, as fully and entirely as the same would y me had this Assignment and sale not been made.							
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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.								
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by nent of not more than five (5) years, or both.							
LEGAL NAME OF								
Inventor: Sato	oru IKEDA Date: May 16, 2019							
Signature: 📚	Satora Ukada							

PATENT REEL: 049517 FRAME: 0399

Attorney Docket No. 19FHI007US0 Client Docket No. A03895US00

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention		MOVABLE BODY MONITORING APPARATUS, AND VEHICLE CONTROL SYSTEM AND TRAFFIC SYSTEM USING THE MOVABLE BODY MONITORING APPARATUS						
As the below nan	ned in	ventor, I h	ereby decla	are that:				
This declaration	\boxtimes	The attac	ched application	ation, or				
is directed to:		United St	ates applic	ation or Po	CT international	application	number	
The above-identi	fied ap	plication	was made	or authoriz	zed to be made	by me.		
I believe that I an	n the c	original inv	entor or a	n original j	oint inventor of	a claimed ir	nvention in the application.	
WHEREAS, SU	BARU	CORPOR	RATION					
(hereinafter refe	rred to	as "ASSIC	GNEE") hav	ing places	of business at:	1-20-8, E	Ebisu, Shibuya-ku, Tokyo, Japan	
							and in and to any Letters Patent thy y and all foreign countries;	nat may
and for other god and exclusive rig (including the rig Treaties and Arr Letters Patent w	od and tht to ght to angem hich m	l valuable the said i claim pri nents fron nay be gra	consideratinvention in ority under the afore nted there	ion, I, by tl n the Unit r the term said appli for in the I	hese presents d ted States and ins of the Intern cation) and the United States ar	o sell, assigr ts territoria ational Con entire righ nd its territo	receipt whereof is hereby acknown and transfer unto said ASSIGNEE, all possessions and in all foreign convention and other relevant Interret, title and interest in and to any orial possessions and in any and all s and renewals thereof.	the full ountries national and all
, I 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 assignees of my entire right, title and interest in and to the same, for the sole use and behoof 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 had this Assignment and sale not been made.						s of my ors and		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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.								
I hereby ack fine or imprisonr						his declarat	tion is punishable under 18 U.S.C. :	1001 by
LEGAL NAME OF	INVEN	ITOR		-				
Inventor: Har	uyo N	/IYAKAW	'A			Date:	may 22, 2019	
Signature: 7	gar	mjo	miya	Kawa				

PATENT REEL: 049517 FRAME: 0400

RECORDED: 06/19/2019