PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4983490

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUSUKE MASUMOTO	07/08/2016
TAKUYA FUJIEDA	07/06/2016
NORIYUKI ABE	07/08/2016
MAKOTO ORINO	07/06/2016
KIMIO OKAMOTO	07/12/2016

RECEIVING PARTY DATA

Name:	CLARION CO., LTD.
Street Address:	7-2, SHINTOSHIN, CHUO-KU
City:	SAITAMA-SHI, SAITAMA
State/Country:	JAPAN
Postal Code:	330-0081

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15203052

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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: 2026242500

Email: ehorne@crowell.com

Correspondent Name: CROWELL & MORING LLP

P.O. BOX 14300 Address Line 1:

WASHINGTON, D.C. 20011-4300 Address Line 4:

ATTORNEY DOCKET NUMBER:	106003.69321US		
NAME OF SUBMITTER:	CAMERON W. BEDDARD		
SIGNATURE:	/Cameron W. Beddard/		
DATE SIGNED:	05/30/2018		
	This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 5

PATENT REEL: 045937 FRAME: 0119

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PATENT REEL: 045937 FRAME: 0120 Title of Invention:

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

In-Vehicle Device, Server Device, Information System, and Content Start

Method		
This assignment and declaration are directed to		
the application identified above by the at	ttorney docket no. and title of invention	
☐ PCT International Application Number _	, filed	
United States Application No.	, filed	

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below named inventor I have sold and assigned, and by these presents hereby sell and assign, unto:

Name of Assignee: Clarion Co., Ltd.

Address of Assignee: 7-2, Shintoshin, Chuo-ku, Saitama-shi, Saitama, JAPAN 330-0081

(hereinafter ASSIGNEE) all my right, title and interest for the United States, its territories and possessions in and to the above-identified invention and United States patent application, including any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith.

I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.

DECLARATION

As a below named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

Signature: 7/8/20/6
Inventor: Noriyuki ABE DATE

PATENT REEL: 045937 FRAME: 0121

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:	In-Vehicle Device, Server Device, Information System, and Content Start
	Method

This assignment and declaration are directed to (check one): the application identified above by the attorney docket no. and title of invention PCT International Application Number ______, filed ______ United States Application No. , filed

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below named inventor I have sold and assigned, and by these presents hereby sell and assign, unto:

Name of Assignee: Clarion Co., Ltd.

Address of Assignee: 7-2, Shintoshin, Chuo-ku, Saitama-shi, Saitama, JAPAN 330-0081

(hereinafter ASSIGNEE) all my right, title and interest for the United States, its territories and possessions in and to the above-identified invention and United States patent application, including any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

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DECLARATION

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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.

Signature:

Yuşûkê MATSUMOTO Inventor:

PATENT REEL: 045937 FRAME: 0122 Attorney Docket No. 106003.69321US

U.S. Rights

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

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Title of Invention:	Method	evice, miormation sy	stem, and Content Start
the application	declaration are directed to (chech in identified above by the attorney	v docket no, and title	of invention
PC1 Internau	onal Application Number Application No	filed	
Lif Officed States	Application 140.	, mea	
	ASSIG	NMENT	
	le consideration, the receipt and s or I have sold and assigned, and b		
Name of Assignee: Address of Assignee	Clarion Co., Ltd. :: 7-2, Shintoshin, Chuo-ku, S	saitama-shi, Saitama	, JAPAN 330-0081
and to the above-iden continuations thereof such application or fo enjoyed by said ASSI	atified invention and United State , and in and to any and all Letters or said invention, including any a (GNEE, its successors or assigns ay be granted as fully and entire	es patent application, is Patent of the United and all reissues or extent of the full end of the	
	d request the Director of the U.S. ASSIGNEE, its successors or as		rk Office to issue any and all such erewith.
	nt that I have the full and unencu I have not executed and will not		nd assign the interests herein sold nt or instrument in conflict
or assigns all informa and deliver any paper acts deemed necessar perfect title to said in all Letters Patent which ASSIGNEE, its succession	tion known to me relating to said s, make all rightful oaths, testify y or desirable by said ASSIGNE	I invention or patent a in any legal proceedi E, its successors, lega ding divisions and co ereon, including reiss ASSIGNEE, its succ	Il representatives or assigns to ntinuations thereof and to any and ues or extensions, in said essors, legal representatives or
	. <u>DECLA</u>	RATION	
As a below named inv	ventor, I hereby declare that:		
The above-identified	application was made or authoriz	zed to be made by me	
I believe that I am the	original inventor or an original j	joint inventor of a cla	imed invention in the application.
	that any willful false statement somment of not more than five (5)		on is punishable under 18 U.S.C.
	akoto Orino oto ORINO		7 / 6 / 20/6 DATE

PATENT

REEL: 045937 FRAME: 0123

Attorney Docket No. 106003.69321US

U.S. Rights

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

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Title of Invention:	Method	Device, information bys	tem, and Content Start
the application	declaration are directed to (checarified above by the attornation	ey docket no. and title o	f invention
PCT Internation	onal Application Number Application No	, filed	
United States	Application No.	, filed	
	ASSIC	<u>GNMENT</u>	
	e consideration, the receipt and r I have sold and assigned, and		
Name of Assignee: Address of Assignee	Clarion Co., Ltd. : 7-2, Shintoshin, Chuo-ku,	Saitama-shi, Saitama,	JAPAN 330-0081
and to the above-iden continuations thereof such application or fo enjoyed by said ASSI	tified invention and United Stat , and in and to any and all Lette or said invention, including any GNEE, its successors or assign ay be granted as fully and entire	tes patent application, in rs Patent of the United S and all reissues or exten s to the full end of the to	
I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith.			
I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.			
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.			
	DECLA	ARATION	
As a below named inv	ventor, I hereby declare that:		
The above-identified	application was made or author.	ized to be made by me.	
I believe that I am the	original inventor or an original	joint inventor of a claim	ned invention in the application.
	that any willful false statement conment of not more than five (n is punishable under 18 U.S.C.
Signature: Taku Inventor: Taku	kuya Fujieda ya VUJIEDA		7/6 / 2016 DATE

PATENT

REEL: 045937 FRAME: 0124

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:

In-Vehicle Device, Server Device, Information System, and Content Start

Method

This assignment and declaration are directed to (check one):			
the application identified above by the attorney docket no. and title of invention			
PCT International Application Number	, filed		
United States Application No.	, filed		

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Address of Assignee: 7-2, Shintoshin, Chuo-ku, Saitama-shi, Saitama, JAPAN 330-0081

(hereinafter ASSIGNEE) all my right, title and interest for the United States, its territories and possessions in and to the above-identified invention and United States patent application, including any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

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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.

Signature: Inventor:

12.Jol, 2016

PATENT REEL: 045937 FRAME: 0125

RECORDED: 05/30/2018