PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITSUNORI MARU	01/18/2018
TAKAAKI SEKIGUCHI	01/18/2018
SHINICHI AMAYA	01/19/2018
ARATA HAYASHI	01/22/2018

RECEIVING PARTY DATA

Name:	CLARION CO., LTD.	
Street Address:	7-2, SHINTOSHIN, CHUO-KU	
City:	SAITAMA-SHI, SAITAMA	
State/Country:	JAPAN	
Postal Code:	3300081	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15888701

CORRESPONDENCE DATA

Fax Number:

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: mboyce@foley.com, ipdocketing@foley.com

Correspondent Name: FOLEY & LARDNER LLP

Address Line 1: 3000 K ST NW Address Line 2: SUITE 600

Address Line 4: WASHINGTON, D.C. 20007

ATTORNEY DOCKET NUMBER:	094426-0153
NAME OF SUBMITTER:	MARY JO BOYCE
SIGNATURE:	/Mary Jo Boyce/
DATE SIGNED:	02/05/2018

Total Attachments: 2

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PATENT 504763333 REEL: 044834 FRAME: 0051

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me by Clarion Co., Ltd.,

a corporation organized under the laws of Japan,

located at 7-2, Shintoshin, Chuo-ku, Saitama-shi, Saitama 330-0081, Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said Clarion Co., Ltd.,

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

NAVIGATION DEVICE, ROUTE SEARCH SERVER, AND ROUTE SEARCH METHOD

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application

for United States Letters Patent therefor, executed on even date herewith, and all United States Letters. Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said Clarion Co., Ltd.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully—and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Clarion Co., Ltd.

Signed on the date(s) indicated aside signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	Mitsunori Maru Mitsunori MARU	January 18, 2018
2)	Takaaki SEKIGUCHI Takaaki Sekiguchi	January 18, 2018
	Shinichi AMAYA	
3)	Arata HAYASHI	•
4)		

PATENT REEL: 044834 FRAME: 0052

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me by Clarion Co., Ltd.,

a corporation organized under the laws of Japan,

located at 7-2, Shintoshin, Chuo-ku, Saitama-shi, Saitama 330-0081, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Clarion Co., Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application

for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said Clarion Co., Ltd.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Clarion Co., Ltd.

Signed on the date(s) indicated aside signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
	Mitsunori MARU	
1)		
	Takaaki SEKIGUCHI	
2)		
3)	Shinichi AMAYA Shinichi Amaya	Jan. 19, 2018
3)	Arata HAYASHI	
4)	Arata Hayashi	Jan. 22. 2018

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RECORDED: 02/05/2018