PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AKIRA SHIMIZU	05/19/2020
MAKOTO MATSUMARU	05/21/2020
RYOJI NOGUCHI	05/21/2020
ITARU TAKEMURA	05/21/2020

RECEIVING PARTY DATA

Name:	PIONEER CORPORATION	
Street Address:	28-8, HONKOMAGOME 2-CHOME	
City:	BUNKYO-KU, TOKYO	
State/Country:	tate/Country: JAPAN	
Postal Code:	1130021	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16764363

CORRESPONDENCE DATA

Fax Number: (619)235-0398

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: 6192381900

Email: docketing@procopio.com

PROCOPIO CORY HARGREAVES & SAVITCH LLP **Correspondent Name:**

Address Line 1: 525 B STREET

Address Line 4: SAN DIEGO, CALIFORNIA 92101

ATTORNEY DOCKET NUMBER:	128835-001US1
NAME OF SUBMITTER:	JENSINE CHEN
SIGNATURE:	/Jensine Chen/
DATE SIGNED:	06/23/2020

Total Attachments: 1

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PATENT REEL: 053019 FRAME: 0095

Assignment

Whereas, We, Akira SHIMIZU, Kawagoe-shi, Saitama, Japan, Makoto MATSUMARU, Kawagoe-shi, Saitama, Japan, Ryoji NOGUCHI, Kawagoe-shi, Saitama, Japan, Itaru TAKEMURA, Kawagoe-shi, Saitama, Japan, hereinafter called assignors, have invented certain improvements in DANGER SPOT IDENTIFICATION DEVICE, MAP DATA, DANGER SPOT IDENTIFICATION METHOD, AND PROGRAM and executed an application for Letters Patent of the United States of America therefor; and

Whereas, PIONEER CORPORATION, of 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo, 1130021, Japan, (assignce), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignor(s), hereby sell, assign and transfer to the above named assignce, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and We request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and We hereby agree that the assignee may apply for foreign Letters Patent on the invention and We will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

Applic		Street Suite 2200, 6/764,363	ur attorneys PROCOPIO, CORY, HARGREAVES & , San Diego, CA 92101 to insert here in parentheses and Confirmation number8999) the application number, confirmation number and filing	
Date:	5/19/2020	Akira	Shimizu	
s/ Akira SHIMIZU				
Date:	5/21/2020	Makoto	Matsumaru	
s/ Makoto MATSUMARU				
Date:	5/21/2020	Ryoji	Noguchi	
s/ Ryoji NOGUCHI				
Date:	5/21/2020	Itaru	Takemura	
	•	s/ Itaru TAKEM	URA	

(Legalization not required for recording but is prima facic evidence of execution under 35 U.S.C. §261)

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