502640254 01/17/2014

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| HAJIME SAKAKIBARA | 01/10/2014 |
| SHIGEKI NISHIMURA | 01/13/2014 |
| MASAYUKI JINNO | 01/09/2014 |
| HIROFUMI OGAMI | 01/09/2014 |
| MAKOTO SENGA | 01/09/2014 |

RECEIVING PARTY DATA

| Name: | SUMITOMO ELECTRIC INDUSTRIES, LTD. | |
|-----------------|------------------------------------|--|
| Street Address: | 5-33, KITAHAMA 4-CHOME, CHUO-KU | |
| City: | OSAKA-SHI, OSAKA | |
| State/Country: | JAPAN | |
| Postal Code: | 5410041 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14233409 |

CORRESPONDENCE DATA

 Fax Number:
 (202)204-0289

 Phone:
 202-842-8800

Email: dcpatentfiling@dbr.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: DRINKER BIDDLE & REATH (DC)

Address Line 1: 1500 K STREET, N.W.

Address Line 2: SUITE 1100

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-1209

ATTORNEY DOCKET NUMBER: 210791-0001-00-US-506321

NAME OF SUBMITTER: PETER J. SISTARE

PATENT

502640254 REEL: 031991 FRAME: 0629

| Signature: | /Peter J. Sistare/ | |
|--|--------------------|--|
| Date: | 01/17/2014 | |
| Total Attachments: 2 source=210791_0001_assignment#page1.tif source=210791_0001_assignment#page2.tif | | |

PATENT REEL: 031991 FRAME: 0630

ATTORNEY DOCKET NO.: SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

TRAFFIC EVALUATION DEVICE, COMPUTER PROGRAM, AND TRAFFIC EVALUATION METHOD

for which I/WE are filing an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on ____, (Serial No. ____); and

WHEREAS, SUMITOMO ELECTRIC INDUSTRIES, LTD., a corporation of Japan, whose post office address is 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 Japan, (hereinafter referred to as Assignee), 3 desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application or any application claiming priority based on this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, or any application claiming priority based on this application, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, or any application claiming priority based on this application, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. ___, filed ___) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s). Assignor's Signature Full Name of Sole or First Assignor Date Hoji me Sakaly hara Hajime SAKAKIBARA January 10, 2019 Address: c/o SUMITOMO ELECTRIC SYSTEM SOLUTIONS, CO., LTD., 1-43-5, Sekiguchi, Citizenship Bunkyo-ku, Tokyo 1120014 Japan Full Name of Second Assignor Assignor's Signature Shiseki Shigeki NISHIMURA Mishimura January 13, 2014 Address: c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Citizenship Konohana-ku, Osaka-shi, Osaka 5540024 Japan

Names of additional inventors attached Yes No

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PATENT REEL: 031991 FRAME: 0631

| | All the state of t | Attorney Docket No. |
|---|--|-------------------------|
| Full Name of Third Assignor Masayuki JINNO | Assignor's Signature Wessyuke Jimo | Date Junuary 9, 2014 |
| Address: c/o SUMITOMO ELECTRIC IN Fokyo 1120014 Japan | , Citizenship JP | |
| Full Name of Fourth Assignor Hirofumi OGAMI | Assignor's Signature Hirofumi OGAMI | Date Jonuary 9, 2014 |
| Address: c/o SUMITOMO ELECTRIC SYSTEM SOLUTIONS, CO., LTD., 1-43-5, Sekiguchi, Bunkyo-ku, Tokyo 1120014 Japan | | JP |
| Call Name of Fifth Assignor | Assignor's Signature Makata Nenga | Date January 9. 2014 |
| Makoto SENGA Address: c/o SUMITOMO ELECTRIC SYSTEM SOLUTIONS, CO., LTD., 1-43-5, Sekiguchi, Bunkyo-ku, Tokyo 1120014 Japan | | J. Jr |
| Full Name of Sixth Assignor | Assignor's Signature | Date |
| Address: | | Citizenship |
| Full Name of Seventh Assignor | Assignor's Signature | Date |
| Address: | | Citizenship |
| Full Name of Eighth Assignor | Assignor's Signature | Date |
| Address: | | Citizenship |
| Full Name of Ninth Assignor | Assignor's Signature | Date |
| Address: | | Citizenship |
| Full Name of Tenth Assignor | Assignor's Signature | Date |
| Address: | | Citizenship |
| Full Name of Eleventh Assignor | Assignor's Signature | Date |
| Address: | The second secon | Citizenship |
| Names of addition | al inventors attached Yes No | <u> </u> |

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