

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3870041

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                         |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                             |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                        |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                  |
| KAZUO ITOH                                                                                                                                                                                      | 02/22/2016                             |
| MASAYUKI TOMA                                                                                                                                                                                   | 02/22/2016                             |
| YOSHINORI NAGAI                                                                                                                                                                                 | 02/22/2016                             |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                        |
| <b>Name:</b>                                                                                                                                                                                    | ITOH DENKI CO., LTD.                   |
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| <b>State/Country:</b>                                                                                                                                                                           | JAPAN                                  |
| <b>Postal Code:</b>                                                                                                                                                                             | 675-2302                               |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                        |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                          |
| <b>Application Number:</b>                                                                                                                                                                      | 15023809                               |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                        |
| <b>Fax Number:</b>                                                                                                                                                                              | (312)876-2020                          |
| <i>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.</i> |                                        |
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| <b>Correspondent Name:</b>                                                                                                                                                                      | WOOD, PHILLIPS, KATZ, CLARK & MORTIMER |
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| <b>Address Line 4:</b>                                                                                                                                                                          | CHICAGO, ILLINOIS 60661-2562           |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | FUJ00682P01240US                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | JOHN S. MORTIMER                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /John S. Mortimer/                     |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 05/12/2016                             |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                        |
| source=15023809_Assignment#page1.tif                                                                                                                                                            |                                        |
| source=15023809_Assignment#page2.tif                                                                                                                                                            |                                        |

## Assignment

Serial No.: 15/023,809

Filed: March 22, 2016

**In Consideration** of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in TRANSFER DEVICE CONTROLLER AND TRANSPORT DEVICE and in the application for Letters Patent of the United States therefor, executed by the undersigned, and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to ITOH DENKI CO., LTD., a Japanese corporation, having offices at 223, Kurida, Hojocho, Kasai-shi, Hyogo 675-2302, Japan, and the successors, legal representatives and assigns of ITOH DENKI CO., LTD. (hereinafter collectively called said Assignee), and the Commissioner for Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

**For said considerations** it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for the said considerations it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made. And for the said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The undersigned also further agrees, for the said considerations, upon the request of said Assignee, to promptly perform all lawful acts deemed by said Assignee to be necessary or advisable in connection with maintaining, enforcing, or transferring the resulting grants of said Letters Patent in the United States or foreign countries. It is agreed that such lawful acts include, but are not limited to, taking oaths, executing declarations, powers, assignments and other papers and giving testimony.

FUJ00682P01240US  
(P0003774/PCT/US)

Serial No: 15/023,809

Filed: March 22, 2016

The attorneys of record in such application for patent are hereby authorized and requested by the undersigned to insert in this Assignment the date and serial number thereof in the places provided therefor.



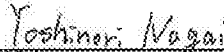
Kazuo ITOH

Executed this 22 day of February, 2016.



Masayuki TOMA

Executed this 22 day of February, 2016.



Yoshinori NAGAI

Executed this 22 day of February, 2016.