

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | KABUSHIKI KAISHA TOSHIBA | 01/19/2018 |
| RECEIVING PARTY DATA | | |
| Name: | TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION | |
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| Internal Address: | KAWASAKI-SHI, | |
| City: | KANAGAWA | |
| State/Country: | JAPAN | |
| Name: | TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION | |
| Street Address: | 1-1, SHIBAURA 1-CHOME, | |
| Internal Address: | MINATO-KU, | |
| City: | TOKYO | |
| State/Country: | JAPAN | |
| PROPERTY NUMBERS Total: 2 | | |
| Property Type | Number | |
| Patent Number: | 7437244 | |
| Patent Number: | 7015952 | |
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| SIGNATURE: | /Carla Askey/ | |
| DATE SIGNED: | 01/23/2018 | |

Total Attachments: 2

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ASSIGNMENT

WHEREAS, KABUSHIKI KAISHA TOSHIBA of 1-1, Shibaura 1-chome, Minato-Ku, Tokyo, Japan, a corporation organized and existing under the laws of the Country of Japan is the exclusive owner, by assignment, of the following Letters Patent of the United States of America:

| <u>PATENT NUMBER</u> | <u>ISSUE DATE</u> |
|----------------------|-------------------|
| 7,437,244 | October 14, 2008 |
| 7,015,952 | March 21, 2006 |

WHEREAS, TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION, of 72-34, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa, Japan, a corporation organized and existing under the laws of the Country of Japan, and TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION, of 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEES"), are desirous of acquiring KABUSHIKI KAISHA TOSHIBA's entire right, title and interest in and to said Letters Patent;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, KABUSHIKI KAISHA TOSHIBA by these presents do sell, assign, and transfer unto ASSIGNEES its entire right, title and interest for the territory of the United States of America, in and to the aforesaid Letters Patent, the inventions described therein, any and all divisions, continuations, reissues, substitutions and renewals thereof, and to any and all letters patent which have granted or may be granted therefor, said inventions and letters patent to be held and enjoyed by the

ASSIGNEES, and for the use and benefit of said ASSIGNEES, and for the use and benefit of their successors, assigns or other legal representatives, to the full end of the term for which said letters patent have been granted or reissues may be granted, and for claims for damage by reasons of infringement past and present, as fully and entirely as the same would have been held by KABUSHIKI KAISHA TOSHIBA had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, KABUSHIKI KAISHA TOSHIBA has caused these presents to be signed by its officer thereunto duly authorized.

KABUSHIKI KAISHA TOSHIBA

Date: Jan 19, 2018

By: Ikuko Shimogawara
Name: Ikuko SHIMOGAWARA
Title: General Manager,
Intellectual Property Division