

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5225543

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KABUSHIKI KAISHA TOSHIBA	10/23/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
<b>Street Address:</b>	72-34, HORIKAWA-CHO, SAIWAI-KU
<b>Internal Address:</b>	KAWASAKI-SHI
<b>City:</b>	KANAGAWA
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 11</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14978595
Application Number:	14857993
Application Number:	14865378
Application Number:	15647681
Application Number:	15694171
Application Number:	15678167
Application Number:	15697680
Application Number:	15956825
Patent Number:	9598969
Patent Number:	9399949
Patent Number:	9488051
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<b>ATTORNEY DOCKET NUMBER:</b>	510674US
<b>NAME OF SUBMITTER:</b>	ELLEN MURABITO
<b>SIGNATURE:</b>	/ELLEN MURABITO/
<b>DATE SIGNED:</b>	11/07/2018
<b>Total Attachments: 2</b> source=Corp Assn#page1.tif source=Corp Assn#page2.tif	

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 an owner, by assignment, of the following Letters Patent and applications for letters patent of the United States of America:

<u>APPLICATION NUMBER</u>	<u>FILING DATE</u>
14/978,595	December 22, 2015
14/857,993	September 18, 2015
14/865,378	September 25, 2015
15/647,681	July 12, 2017
15/694,171	September 1, 2017
15/678,167	August 16, 2017
15/697,680	September 7, 2017
15/956,825	April 19, 2018

  

<u>PATENT NUMBER</u>	<u>ISSUE DATE</u>
9,598,969	March 21, 2017
9,399,949	July 26, 2016
9,488,051	November 8, 2016

WHEREAS, TOSHIBA ENERGY 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 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said Letters Patent and applications for 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 ASSIGNEE its entire right, title and interest for the territory of the United States of America, in and to the aforesaid Letters Patent and/or applications for

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 ASSIGNEE, and for the use and benefit of said ASSIGNEE, 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: Oct. 23, 2018

By: Ikuko Shimogawara

Name: Ikuko SHIMO~~GAWA~~WARA

Title: General Manager

Intellectual Property Division