504823765 03/16/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name	Execution Date		
KABUSHIKI KAISHA T	OSHIBA		03/01/2018		
RECEIVING PARTY D	ΑΤΑ				
Name:	TOSHIE	TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION			
Street Address:	72-34 H	72-34 HORIKAWA-CHO, SAIWAI-KU			
Internal Address:	KAWAS	KAWASAKI-SHI			
City:	KANAG	KANAGAWA			
State/Country:	JAPAN	JAPAN			
Patent Number: 76		7645110			
	(be sent to	703)413-2220 <i>the e-mail address first; if that is u</i>			
using a fax number, i Phone:	•	; if that is unsuccessful, it will be s 703) 413-3000	ent via US Mail.		
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NAME OF SUBMITTER:		KRISTEN MCCARTNEY	KRISTEN MCCARTNEY		
SIGNATURE:		/Kristen McCartney/	/Kristen McCartney/		
DATE SIGNED:		03/16/2018			
Total Attachments: 2 source=Executed Corp / source=Executed Corp /					

ASSIGNMENT

WHEREAS, KABUSHIKI KAISHA TOSHIBA of 1-1, Shibaura 1-Chome, Minato-ku, Tokyo, Japan 105-8001, a corporation organized and existing under the laws of the Country of Japan is the joint owner with TAMA ART UNIVERSITY, by assignment, of the following Letters Patents of the United States of America:

PATENT NUMBER	ISSUE DATE
7,645,110	January 12, 2010

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 KABUSHIKI KAISHA TOSHIBA's right, title, and interest in and to said Letters Patents;

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, 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: Mar. 1, 2018

By: (Name: Ikuko Shimogawara

Title: General Manager, Intellectual Property Division

PATENT REEL: 045255 FRAME: 0743

RECORDED: 03/16/2018