PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4325702

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEIGO HOSHINA	02/23/2017
WEN ZHANG	02/23/2017
YASUHIRO HARADA	02/23/2017
NORIO TAKAMI	02/24/2017

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA	
Street Address:	1-1, Shibaura 1-chome, Minato-Ku	
City:	Tokyo	
State/Country:	Japan	
Postal Code:	105-8001	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15455700

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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.

(703) 413-3000 Phone: Email: JYKim@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	501808US	
NAME OF SUBMITTER:	JUNG-YON KIM	
SIGNATURE:	/Jung-Yon Kim/	
DATE SIGNED: 03/20/2017		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT REEL: 041638 FRAME: 0600

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PATENT REEL: 041638 FRAME: 0601

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

PATENT REEL: 041638 FRAME: 0602

13G90099430-US-A (16F0019-1)

SUPPLEMENTAL SHEET FOR DECLARATION	Supplemental Sheet(for PTO/AIA/08,09) Page 2 of 2
Legal Name of Additional Joint Inventor, if any	
(2) Wen Zhang	
Inventor's Signature Wen-Zhang	Date(Optional) 2 3. 2017
Legal Name of Additional Joint Inventor, if any	
(3) Yasuhiro Harada	
Inventor's Lasaline Sefara	Date(Optional) 2017
Legal Name of Additional Joint Inventor, if any	
(4) Norio Takami	
Inventor's Signature Vani Takam	Refs. 24, 2017 Date(Optional)

PATENT REEL: 041638 FRAME: 0603

RECORDED: 03/20/2017