#### 504527778 08/31/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4574484

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YOJIRO TONOUCHI	08/29/2017
DAISUKE KOBAYASHI	08/29/2017
OSAMU YAMAGUCHI	08/29/2017
HIDEO UMEKI	08/29/2017

## **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:	15691919	

### **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: mkocijanski@oblon.com

**Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	507050US
NAME OF SUBMITTER:	MEGHAN KOCIJANSKI
SIGNATURE:	/Meghan Kocijanski/
DATE SIGNED:	08/31/2017

**Total Attachments: 2** 

source=507050USASN#page1.tif source=507050USASN#page2.tif

> **PATENT REEL: 043459 FRAME: 0913** 504527778

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

### INFORMATION PROCESSING DEVICE

have sold and assigned and do hereby sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X]	executed concurrently herewith	
		executed on Application No.	; , filed
	<u>, i, l, l, l</u>	exhamount 140.	, meu

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Oblon, McClelland, Maier & Neustadt, L.L.P., 1940 Duke Street Alexandria, VA 22314

PATENT REEL: 043459 FRAME: 0914

# ASSIGNMENT

13G10004719-US-A (17S0151)

[1st Inventor] Residence Address: Inagi Tokyo Japan Mailing Address: c/o IP Div. Toshiba Corp. (K. K. TO 105-8001, Japan Citizenship: Japan	SHIBA), 1-1, Shibaura 1-chome, Minato-ku, Tokyo
Yojiro Tonouchi	29 Aug, 2017
Yojiro Tonouchi	Date:
[2nd Inventor] Residence Address: Kawasaki Kanagawa Japan Mailing Address: c/o IP Div. Toshiba Corp. (K. K. TO 105-8001, Japan Citizenship: Japan	SHIBA), 1-1, Shibaura 1-chome, Minato-ku, Tokyo
Laisufo Kofogashi Daisuke Kobayashi	29 Aug. 2017
Daisuke Kobayashi	Date:
[3rd Inventor] Residence Address: Yokohama Kanagawa Japan Mailing Address: c/o IP Div. Toshiba Corp. (K. K. TO 105-8001, Japan Citizenship: Japan	SHIBA), 1-1, Shibaura 1-chome, Minato-ku, Tokyo
Osamu Yamagachi Osamu Yamaguchi	29. Aug. 2017
Osamu Yamaguchi	Date:
[4th Inventor] Residence Address: Yokohama Kanagawa Japan Mailing Address: c/o IP Div. Toshiba Corp. (K. K. TO: 105-8001, Japan Citizenship: Japan	SHIBA), 1-1, Shibaura 1-chome, Minato-ku, Tokyo
Rideo Umehi	29 Aug, 2017
Hideo Umeki	Date:

PATENT REEL: 043459 FRAME: 0915

**RECORDED: 08/31/2017**