TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM490550

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
KABUSHIKI KAISHA TOSHIBA, also trading as TOSHIBA CORPORATION		09/13/2018	Corporation: JAPAN

RECEIVING PARTY DATA

Name:	Toshiba Electronic Devices & Storage Corporation		
Street Address:	1-1, Shibaura 1-Chome, Minato-Ku		
City:	Tokyo		
State/Country:	JAPAN		
Entity Type:	Corporation: JAPAN		

PROPERTY NUMBERS Total: 13

Property Type	Number	Word Mark
Registration Number:	2760690	US-FLAT
Registration Number:	2516021	TX
Registration Number:	2546455	L-FLAT
Registration Number:	2549384	M-FLAT
Registration Number:	2810062	NANOFLASH
Registration Number:	2359518	S-FLAT
Registration Number:	3694469	UNIVERSALARRAY
Registration Number:	4558386	FFSA
Registration Number:	4722141	APP LITE
Registration Number:	4746037	VISCONTI
Registration Number:	4722300	CAPRICORN
Registration Number:	4934760	TARFSOI
Registration Number:	5076225	BRINGING CONTENT TO LIFE

CORRESPONDENCE DATA

Fax Number: 7038367419

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.

Email: bassam.ibrahim@bipc.com

Correspondent Name: Bassam N. Ibrahim

TRADEMARK

REEL: 006440 FRAME: 0794

OP \$340.00 276069

900466701

Address Line 1: 1737 King Street, Suite 500

Address Line 4: Alexandria, VIRGINIA 22314-2727

ATTORNEY DOCKET NUMBER: 1034347-000360

DOMESTIC REPRESENTATIVE

Name: Bassam N. Ibrahim

Address Line 1: 1737 King Street, Suite 500

Address Line 4: Alexandria, VIRGINIA 22314-2727

NAME OF SUBMITTER: Bassam N. Ibrahim
SIGNATURE: /Bassam N. Ibrahim/

DATE SIGNED: 09/19/2018

Total Attachments: 5

source=executed assign doc#page1.tif source=executed assign doc#page2.tif source=executed assign doc#page3.tif source=executed assign doc#page4.tif source=executed assign doc#page5.tif

TRADEMARK ASSIGNMENT

This Trademark Assignment (this "Assignment") is entered into between KABUSHIKI KAISHA TOSHIBA, also trading as TOSHIBA CORPORATION, a Corporation organized and existing under the laws of Japan and having a place of business at 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan ("Assignor") and Toshiba Electronic Devices & Storage Corporation, a Corporation organized and existing under the laws of Japan and having a place of business at 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan ("Assignee").

WHEREAS, Assignor is the owner of the entire right, title and interest in and to the U.S. trademark registrations listed in the attached Schedule A (the "Marks").

NOW THEREFORE, be it known that, for and in consideration of 1 (one) dollar, and other good and valuable consideration, the receipt of which Assignor acknowledges, the parties hereto agree as follows:

- 1. This Assignment covers (a) the Marks, including, without limitation, trademarks, and/or service marks, together with the goodwill associated with the foregoing and the ongoing and existing business to which the trademarks/service marks pertain; (b) any extension or renewal of any such registration or application set forth in subsection (a) hereof; (c) any unregistered rights in any of the foregoing; (d) all rights therein provided by international treaties and conventions, and all rights to obtain trademarks and registrations thereto, in each case in all countries throughout the world; and (3) all rights to sue and recover damages or obtain injunctive relief for past and future infringement, misappropriation, violation or breach of any of the foregoing (subsections (a) through (e) hereof, collectively, the "Assigned Intellectual Property".
- 2. Assignor, as owner, does hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, Assignor's entire right, title, and interest in and to the Assigned Intellectual Property in the United States of America, together with the goodwill of the business associated therewith and symbolized by the Assigned Intellectual Property, in its entirety, and the assets of the business associated with the Assigned Intellectual Property, in their entirety. With respect to applications filed in the United States Patent and Trademark Office ("USPTO") on the basis of the applicant's intent to use such marks in commerce, as to which evidence of such use has not yet been filed in the USPTO, such mark is being assigned to the successor to the business of the applicant or portion thereof to which such mark pertain, which business is ongoing and existing. Assignor hereby authorizes and requests any official of the United States of America whose duty it is to issue registrations thereon to issue same to Assignee, its successors and assigns, in accordance with the terms of this Assignment.
- Assignor hereby covenants that it has the full right to convey the interest assigned by this Assignment, and it has not executed and will not execute any agreement in conflict with this Assignment.
- 4. Assignor further covenants and agrees to cooperate with and reasonably assist Assignee in obtaining, enforcing and defending Assignee's rights in the Assigned Intellectual Property, including without limitation, in proceedings before any court or tribunal, the United States Patent and Trademark Office, or another agency or authority, it being understood that any expense incident to such assistance shall be borne by the Assignee, its successors and assigns.

All assignments to be executed and return to the attention of: 5.

> Bassam N. Ibrahim Buchanan Ingersoll & Rooney, PC 1737 King Street Suite 500 Alexandria, VA 22314

Telephone: 703-836-6620 Facsimile: 703-836-2021

Email: bassam.ibrahim@bipc.com

IN WITNESS WHEREOF, the said Assignor has executed this Assignment.

KABUSHIKI KAISHA TOSHIBA, also trading as TOSHIBA CORPORATION

Date: September 13, 2018

Kudo Shingaran By:

Name: Ikuko Shimogawara

Title: General Manager, Intellectual Property Division

U.S. FEDERAL TRADEMARK REGISTRATIONS

SCHEDULE A

MARK	APPL.NO.	REG. NO.	GOODS/SERVICES	REG. DATE
US-FLAT	76189280	2760690	Semiconductor elements, namely rectifier elements and diodes Class 9	September 9, 2003
TX Design	75393866	2516021	Microprocessors and integrated circuits Class 9	December 11, 2001
L-FLAT	76107576	2546455	Semiconductor devices, namely, semiconductor rectifier elements Class 9	March 12, 2002
M-FLAT	76107577	2549384	Semiconductor devices, namely, semiconductor rectifier elements Class 9	March 19, 2002
NANOFLASH	76468616	2810062	Semiconductors Class 9	February 3, 2004
S-FLAT	75584437	2359518	Semiconductor devices, namely, semiconductor rectifiers Class 9	June 20, 2000
UNIVERSALARRAY	76593888	3694469	Programmable logic gate arrays in which memory blocks aid specialized functions and are embedded in a gate array base by replacing part of a sea-ofgates core area with cell-based versions of the blocks for use in electronics, computers, processing devices, telecommunications equipment and reprogrammable game stations Class 9	October 13, 2009
FFSA	85887736	4558386	Semiconductors Class 9	July 1, 2014

MARK	APPL.NO.	REG. NO.	GOODS/SERVICES	DEC DATE
ApP Lite	85850321	4722141	Semiconductors; semiconductor devices; semiconductor memories; computer storage devices, namely, blank flash memory drives; flash memory cards; blank IC memory card; memory cards; USB memory cards; memory chips, namely, computer chips; blank USB flash memory drives; blank IC memory smart cards; blank electronic chip cards; SD memory cards; secure digital memory cards; downloadable computer programs for storing text and images, data conversion, data mining, data processing, streaming data, object database and signal processing Class 9; Providing information data processing services by computers operated by computer programs for storing text and images, data conversion, data mining, data processing, streaming data, object database and signal processing Class 35; Consulting in the field of telecommunication services, namely, transmission of voice, data, and documents via telecommunications networks services; Consulting services in the field of telecommunications; providing information about telecommunications; providing telecommunication connections via global communications networks Class 38; Designing, creating and maintaining computer programs for signal processing, image recognition, sound synthesis and sound recognition; designing, creating and maintaining computer programs; rental and leasing of computer programs for storing text and images, data conversion, data mining, data processing, streaming data, object database and signal processing; design of computer chips and integrated circuits; consultation services regarding design of electrical products, electronic	REG. DATE April 21, 2015
isconti	86148074		Image recognition processor LSI in Class 9	June 2, 2015
apricors	86182308	4722300	Semiconductors; display controller LSI Class 9	April 21, 2015

MARK	APPL.NO.	REG. NO.	GOODS/SERVICES	REG DATE
MARK TarfSOI	APPL.NO. 85651977	REG. NO. 4934760	GOODS/SERVICES Semiconductors for high frequency integrated circuits (IC) that includes radio frequency and microwave; integrated circuits for high frequency switches that includes radio frequencies and microwaves; electronic devices which incorporate high frequency integrated circuits, namely, antenna switch module, radio frequency (RF) front end module, wireless data communication module comprised of Antenna, radio frequency front end integrated circuits, modem integrated circuits and baseband processor integrated circuits on the glassepoxy board or the Low Temperature Co-fired Ceramics (LTCC) board all sold as a unit for use in wireless networking apparatus, hands free apparatus and the cellular phone for providing wireless data connectivity between portable electronic devices and a base station, between portable electronic devices and devices for hands-free uses of portable electronic devices, between cellular telephones and devices for hands-free uses of cellular telephones, data communication card and wireless data communication dongle for providing wireless data communication devices portable electronic devices and a base station, between portable electronic devices and a base station, between portable electronic devices and devices for hands-free uses of portable electronic devices and devices for hands-free uses of portable electronic devices and devices for hands-free uses of portable electronic devices and devices for hands-free uses of portable electronic devices and devices for hands-free uses of portable electronic devices and devices for hands-free uses of portable electronic devices and devices for hands-free uses of portable electronic devices and devices for hands-free uses of portable electronic devices and devices for hands-free uses of portable electronic devices and devices for hands-free uses of portable electronic devices and devices for hand	REG. DATE April 12, 2016
Bringing content to life	86673953	5076225	devices for hands-free uses of cellular telephones Class 9 Secure Digital (SD) memory cards; wireless Secure Digital (SD) memory cards; compact blank flash memory cards; blank flash memory cards; blank USB flash drives; communication adapters, namely, communications computer network adapters; wireless adapters for data transfer; wireless adapters used to link mobile devices, namely, smart phones, laptops, tablets, computers and portable hard drives; wireless adapters used to stream and share media using multiple mobile devices at the same time, namely, smartphones, laptops, tablets, computers and portable hard drives; hard disk drives (HDD); wireless hard disk drives; solid state drives (SSDs); wireless solid state drives (SSDs); computer Network Attached Storage (NAS) hardware; flash memory card reader and writer; portable wireless flash memory devices, namely, blank flash memory cards; blank USB flash drives; portable flash memory devices, namely, blank flash memory cards; blank USB flash drives; data storage apparatus, namely, blank digital storage media, blank electronics storage media, blank tapes for storage of computer data Class 9	November 8, 2016

TRADEMARK
REEL: 006440 FRAME: 0800

RECORDED: 09/19/2018