506294398 10/08/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMOHIRO ANDO	09/23/2020
KAZUHIRO TAGUCHI	09/26/2020

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
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State/Country:	JAPAN
Postal Code:	105-0023
Name:	TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION
Name: Street Address:	TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION 1-1, SHIBAURA 1-CHOME
Street Address:	1-1, SHIBAURA 1-CHOME

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17002097

CORRESPONDENCE DATA

Fax Number: (212)319-5200

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Address Line 2: SUITE 1010

Address Line 4: NEW YORK, NEW YORK 10036

ATTORNEY DOCKET NUMBER: 20215

NAME OF SUBMITTER: SAMUEL SWINDELL

SIGNATURE: /Samuel Swindell/

PATENT 506294398 REEL: 054007 FRAME: 0497

DATE SIGNED:	10/08/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2	
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PATENT REEL: 054007 FRAME: 0498

Combined Declaration and Assignment for Utility or Design Application

Title of SEMICO Invention CURRE

SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE AND CURRENT DETECTION CIRCUIT

As the below named inventor, I hereby declare that:

This declaration is directed to:

[] The attached application, or

[×] United States application or PCT international application number <u>17/002,097</u> filed on <u>AUG/25/2020</u> .

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

In consideration of value received, I sell and assign to 1) KABUSHIKI KAISHA TOSHIBA and 2) TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION, having a business address at 1) 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023 JAPAN and 2) 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023 JAPAN, its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention, and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property, including rights of priority, resulting from the filing of any of said applications.

I authorize said Assignee to file and prosecute an application or applications for patent for said invention as the applicant, and I request any official whose duty it is to issue patents, to issue any patent on said invention to said Assignee.

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 proceeding, sign all lawful papers, execute all divisional, continuing, 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 in all countries.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Tomohiro ANDO Tomohiro Ando Sept. 23, 2020 Inventor (printed name) Signature Date

Holtz, Holtz & Volek PC

630 Ninth Avenue, Suite 1010, New York, NY 10036-3744 Tel. (212) 319-4900 Fax. (212) 319-5101

> PATENT REEL: 054007 FRAME: 0499

Combined Declaration and Assignment for Utility or Design Application

Title of Invention

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As the below named inventor, I hereby declare that:

This declaration

[] The attached application, or

is directed to:

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR				
Kazuhiro TAGUCHI	Kazuhiro Taguchi	Sep. 26, 2020		
Inventor (printed name)	Signature	Date		

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> PATENT REEL: 054007 FRAME: 0500

RECORDED: 10/08/2020