### 505710677 10/07/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5757487

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
FUJITSU LIMITED	10/02/2019

#### **RECEIVING PARTY DATA**

Name:	FUJITSU SEMICONDUCTOR LIMITED
Street Address:	2-100-45 SHIN-YOKOHAMA, KOHOKU-KU, YOKOHAMA-SHI
City:	KANAGAWA
State/Country:	JAPAN
Postal Code:	222-0033

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14264954

#### **CORRESPONDENCE DATA**

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Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	100353.00371
NAME OF SUBMITTER:	WILBURN L. CHESSER
SIGNATURE:	/Wilburn L. Chesser/
DATE SIGNED:	10/07/2019

#### **Total Attachments: 3**

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PATENT 505710677 REEL: 050643 FRAME: 0022

## **Company To Company Assignment**

(US PATENT RIGHTS)

WHEREAS, FUJITSU LIMITED, having a place of business at: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan, is the owner of the entire right, title and interest in and to the U.S. Patents attached hereto as Attachment 1 (the "Patent Rights") and the inventions claimed therein (the "Inventions"); and

WHEREAS, FUJITSU LIMITED, (hereinafter referred to as "ASSIGNOR") in this Assignment, wishes to assign and transfer its Patent Rights and said Inventions to FUJITSU SEMICONDUCTOR LIMITED, having a place of business at: 2-100-45 Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 Japan, (hereinafter referred to as "ASSIGNEE"), and said ASSIGNEE is desirous of acquiring the full and exclusive right in and to said Inventions and all documents and things relating to the conception, reduction to practice and/or practice of the Inventions (the "Related Documents") and the entire right, title and interest in and to said Patent Rights, including any Letters Patent which may be granted therefor, in the United States and its territorial possessions, including any and all divisions, continuations, substitutions, renewals, re-examination, extension and reissues thereof, and any other applications claiming priority thereto;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, does sell, assign and transfer unto said ASSIGNEE the full and exclusive right in and to said Invention, Patent Rights, and Related Documents in the United States and its territorial possessions and the entire right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, continuations, substitutions, renewals, re-examination, extension and reissues thereof, and any other applications claiming priority thereto;

ASSIGNOR hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNUR:	FUJITSU LIMITED	
Date: Oct. 2, 2019	By: Yasuhide KOBA ASHI Head of Intellectual Property Center	
ASSIGNEE:	FUJITSU SEMICONDUCTOR LIMITED	
Date:		
	By: Yasunori YOSHIJIMA	
	Director of Intellectual Property Department	
	Legal and Intellectual Property Division	
	Corporate Management Unit	

## Attachment 1

Application Serial No.	Appl. Date	Patent No.	Issue Date
13/216,856	August 24, 2011	8378755	February 19, 2013
14/264,954	April 29, 2014	9172355	October 27, 2015
14/229,751	March 28, 2014	9337732	May 10, 2016

PATENT REEL: 050643 FRAME: 0024

# **Company To Company Assignment**

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ASSIGNOR hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR:	FUJITSU LIMITED
TODIO (OIC.	r collect market

Date:

By: Yasuhide KOBAYASHI

Head of Intellectual Property Center

**ASSIGNEE:** 

**FUJITSU SEMICONDUCTOR LIMITED** 

Date: October 3, 2019

By: Yasunori YOSHIJIMA

Director of Intellectual Property Department Legal and Intellectual Property Division

Corporate Management Unit

PATENT REEL: 050643 FRAME: 0025

**RECORDED: 10/07/2019**