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PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DATA				
			ame	Execution Date
Fujitsu Limited				07/09/2013
RECEIVING PARTY DATA				
Name:	Fujitsu Semiconductor Limited			
Street Address:	2-10-23 Shin Yokohama			
Internal Address:	Kohoku-ku, Yokohama-shi			
City:	Kanagawa			
State/Country:	JAPAN			
Postal Code:	222-0033			
Property Type Application Number: 13598		135984	Number 412	
CORRESPONDENCE DATA				
Fax Number: 2146614552 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Email: janet.daddona@bakerbotts.com Correspondent Name: Baker Botts, LLP Address Line 1: 2001 Ross Avenue, Suite 600 Address Line 4: Dallas, TEXAS 75201				
ATTORNEY DOCKET NUMBER:		080699.0194		
NAME OF SUBMITTER:		Janet Daddona		
Signature:		/ janet daddona /		
Date:		07/15/2013		
Total Attachments: 3 source=Assignment2#page1.tif source=Assignment2#page2.tif source=Assignment2#page3.tif				

PATENT REEL: 030793 FRAME: 0821

PROJECT MERCURY

PATENT ASSIGNMENT ("Assignment")

This Assignment is between Fujitsu Limited, having an address at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan ("Assignor") and Fujitsu Semiconductor Limited, having an address at 2-10-23 Shin Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 Japan ("Assignee").

Assignee desires to acquire all right, title and interest in the Assigned Patents and the related rights described below.

For good and valuable consideration, the receipt of which is hereby acknowledged, effective as of July 9, 2013 (the "Effective Date"), Assignor does hereby sell, assign, transfer and convey to Assignee and its successors and assigns all right, title and interest that is not already solely owned by Assignee and may exist as of the Effective Date or thereafter to any and all of the following:

- (1) patent application number US 13/598412 (DELAY COMPENSATION FOR SIGMA DELTA MODULATOR) ("Listed Patent");
- (2) patents and patent applications to which the Listed Patent directly or indirectly claims, or forms the basis for, priority anywhere in the world;
- (3) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications and divisions of any of the items listed in (1) or (2) of this Assignment;
- (4) foreign counterparts to any of the items listed in (1), (2) or (3) of this Assignment, including utility models, inventors' certificates, industrial design protection and any other form of governmental grants or issuances for the protection of inventions, designs or discoveries;
- (5) patents that issue from any of the items listed in (1) through (4) of this Assignment (items listed in (1) through (5) of this Assignment, collectively, "Assigned Patents");
- (6) inventions, invention disclosures, designs, and discoveries described in the Assigned Patents;
- (7) claims, causes of action and enforcement rights of any kind, whether currently pending, filed or otherwise, and whether known or unknown, under or arising from any of the Assigned Patents, including all rights to pursue and collect damages, costs, injunctive relief and other remedies for past, current or future infringement of the Assigned Patents and including rights afforded under 35 U.S.C. § 154(d);

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- (8) royalties, income and other payments due as of the date hereof or hereafter under or arising from any of the Assigned Patents and/or other rights set forth in this Assignment (other than any royalties, income or other payments made or owed at any time under the unredacted portions of the patent license agreements made available to outside counsel of Assignee or any subsequent assignee of the Assigned Patents (such agreements, the "Current Patent Agreements")); and
- (9) rights to apply for, file, register, maintain, extend and renew in any or all countries of the world patents, certificates of invention, utility models, industrial design protection, design patent protection and other governmental grants or issuances of any kind related to any Assigned Patents and the inventions, invention disclosures, and discoveries therein.

Assignee agrees that the Assigned Patents are subject to the applicable nonexclusive licenses expressly granted under the Current Patent Agreements.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks and any other patent office to issue any and all patents, utility models or other governmental grants or issuances pertaining to any of the items assigned hereunder in the name of Assignee.

This Assignment will inure to the benefit of Assignee and its successors, assigns and other legal representatives and is binding upon Assignor and its successors, assigns, heirs and legal representatives.

[Remainder of page intentionally left blank]

Assignor and Assignee, by their duly authorized representatives, have executed this Assignment to become effective as of the Effective Date.

FUJITSU LIMITED

By: Kazuo KURIHARA

Title: Vice president,

Intellectual Property and Standards Strategy Division

Signature

ACCEPTED:

FUJITSU SEMICONDUCTOR LIMITED

By: Akinori Tahara

Title: Head of Intellectual Property Unit

Signatüre

SIGNATURE PAGE TO PATENT ASSIGNMENT

PATENT REEL: 030793 FRAME: 0824

RECORDED: 07/15/2013