PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW JULIAN THOMPSON	12/11/2018
ALI SHIRVANI	12/11/2018

RECEIVING PARTY DATA

Name:	INVENSENSE, INC.	
Street Address:	1745 TECHNOLOGY DRIVE	
Internal Address:	SUITE 200	
City:	SAN JOSE	
State/Country:	tate/Country: CALIFORNIA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16198626

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ATTORNEY DOCKET NUMBER:	101-00846-010-CIP	
NAME OF SUBMITTER:	AMIR A. TABARROK	
SIGNATURE:	/Amir A. Tabarrok/	
DATE SIGNED:	12/12/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT 505233009 REEL: 047756 FRAME: 0713

COMBINED ASSIGNMENT-DECLARATION

Attorney Docket No.: 101-00846-010-CIP InvenSense Docket No.: IVS-846-CIP

	WHEREAS, Matthew Julian THOMPSON of Beaverton, OR, and Ali SHIRVANI of Menlo Park, CA are the inventors of an invention entitled "DUAL CAPACITIVE LINEARIZATION CIRCUIT" that is the subject matter of: (check all that apply)
]	a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No filed on;
\boxtimes	an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. <u>16/198,626</u> filed on <u>November 21, 2018</u> and/or executed on even date herewith: and
\boxtimes	an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. filed on; and/or executed on even date herewith:
	WHEREAS, InvenSense, Inc., a company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 1745 Technology Drive, Suite 200, San Jose, CA 95110, United States of America ("Assignee") is desirous of acquiring the entire right, title, and interest in and to the invention, the applications and any and all Letters Patent or similar foreign or domestic legal protection.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the application, all Letters Patent, any reissue, re-examination or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention, and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal

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U.S. Assignment - InvenSense - Confidential

Attorney Docket No.: 101-00846-010-CIP

representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfects its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation, providing testimony in any related interference, litigation or proceeding.

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. I hereby acknowledge that any willful false statements 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. I hereby stat that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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Mati	hew Tul	ian Thom	wson/	
	elian Thampioni			******
Matth	ew Julian	THOMP	SON (Inv	entor)

Dec 11, 2018

Date

Ali SHIRVANI (Inventor)

/Alireza Shirvani/

Dec 11, 2018

RECORDED: 12/12/2018