## 504123751 12/05/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Name	Execution Date			
GAMAL REFAI-AHMED			11/17/2016			
SURESH RAMALINGAN	12/05/2016					
BRIAN D. PHILOFSKY	11/08/2016					
ANTHONY TORZA			12/01/2016			
RECEIVING PARTY DA	TA					
Name:	XILINX, I	INC.				
Street Address:	2100 LO	GIC DRIVE				
City:	SAN JOS	SAN JOSE				
State/Country:	CALIFOR	CALIFORNIA				
Postal Code:	95124					
Property Type						
		Number				
Property Type Application Number:	1	Number   5369607				
Application Number:						
	DATA					
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Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email:	DATA (4 pe sent to t provided; 4 xi	5369607 408)371-4613 the e-mail address first; if that is unsu if that is unsuccessful, it will be sent 08-879-5216 ilinxipl@xilinx.com				
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Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUME IAME OF SUBMITTER: DATE SIGNED:	DATA (4 provided; 4 xi X 2 A S UMBER:	5369607 408)371-4613 the e-mail address first; if that is unsu- if that is unsuccessful, it will be sent 08-879-5216 ilinxipl@xilinx.com ILINX, INC. 100 LOGIC DRIVE TTN: LEGAL DEPT. AN JOSE, CALIFORNIA 95124 X-4945 US SUSAN WIENS /susan wens/ 12/05/2016				

PATENT REEL: 040528 FRAME: 0877

## ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we

Gamal Refai-Ahmed	of	431 El Camino Real, Unit 5102, Santa Clara, CA 95050
Suresh Ramalingam	of	34276 Dunhill Drive , Fremont, CA 94555
Brian D. Philofsky	of	2141 Indian Peaks Circle , Longmont, CO 80504
Anthony Torza	of	666 4th Street, Oakland, CA 94607

hereby sell, assign and transfer to Xilinx, Inc., a Delaware corporation, having a place of business at 2100 Logic Drive, San Jose, California 95124, its successors and assigns, the entire right, title and interest throughout the world in my/our invention

## STACKED SILICON PACKAGE HAVING A THERMAL CAPACITANCE FLEMENT

for which I/we will execute a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I/we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me/us; I/we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignce, its successors, assigns and nominees, at its request and expense, in obtaining and enforcing patents for said invention in all countries; and I/we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the abovenamed assignee, its successors and assigns.

Executed on Nov 17/2016

Gamal Refăi-Ahmed

State of California

County of Santa Clara )

CAPACITY CLAIMED BY SIGNER. (X) individual signing for oneself

Kathenne G. Stofer

November 17,2016 Kanner 9.01000 Public, personally appeared Gamal Refai-Ahmed, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public



PATENT REEL: 040528 FRAME: 0878

Executed on	Dec	5	2016	
		X		

Suresh Ramalingam

State of <u>California</u>)

County of Santa Clara )

CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

On <u>December 5, 2014</u>, before me, Susan L. Wiens, Notary Public, personally appeared <u>Suresh Ramalingam</u>, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public



Executed on 11 ~ 8 - 16

Brian D. Philofsky

State of <u>Colorado</u>)

CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

County of Boulder )

On  $\frac{11-8-2016}{2016}$ , before me, Melinda Ann Brooks, Notary Public, personally appeared <u>Brian D. Philofsky</u>, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Melinda Ann Smoks Notary Public State of Colorada Notary ID: 20104010001 My Commission Expires March 29, 2018 Signature of Notary Rublic

PATENT REEL: 040528 FRAME: 0879



State of <u>California</u>)

County of Santa Clara )

CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

Anthony Torza

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On  $\underline{WCMMc1, 2016}$ , before me, Susan L. Wiens, Notary Public, personally appeared <u>Anthony Torza</u>, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public

