

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3211594

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GUANGHUA SHU	02/03/2015
MOHAMED N. ELZEFTAWI	01/22/2015
AHMED M. ELKHOLY	02/03/2015
RECEIVING PARTY DATA	
Name:	XILINX, INC.
Street Address:	2100 LOGIC DRIVE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95124
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14613652
CORRESPONDENCE DATA	
Fax Number:	(408)371-4613
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	408-879-5216
Email:	xilinxpl@xilinx.com
Correspondent Name:	XILINX, INC.
Address Line 1:	2100 LOGIC DRIVE
Address Line 2:	ATTN: LEGAL DEPT.
Address Line 4:	SAN JOSE, CALIFORNIA 95124
ATTORNEY DOCKET NUMBER:	X-4545 US
NAME OF SUBMITTER:	SUSAN WIENS
SIGNATURE:	/susan wiens/
DATE SIGNED:	02/04/2015
Total Attachments: 3	
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source=X_4545_US_Assign_efiled#page3.tif	

ASSIGNMENT

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

Guanghua Shu of 509 E. Clark Street, Apt. 36, Champaign, IL 61820
Ahmed M. Elkholy of 2215 S. 1st Street, Apt. 301, Champaign, IL 61820
Mohamed N. Elzeftawi of 440 N. Winchester Blvd. #37, Santa Clara, CA 95050

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

FRACTIONAL-N PLL-BASED CDR WITH A LOW-FREQUENCY REFERENCE

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 assignee, 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 above-named assignee, its successors and assigns.

Executed this 3rd day of Feb., 2015.

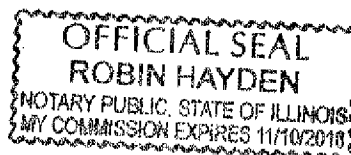
Guanghua Shu
Guanghua Shu

State of Illinois

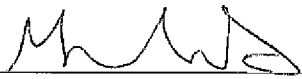
County of Champaign

This instrument was acknowledged before me on February 3, 2015 (date) by Guanghua Shu.

Robin Hayden
Signature of Notary Public



Executed this 22 day of January, 2015.


Mohamed N. Elzeftawi

State of California)


County of Santa Clara)

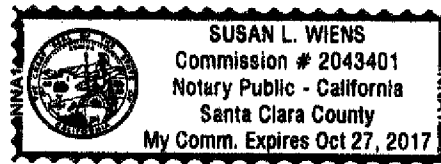
CAPACITY CLAIMED BY SIGNER
(X) individual signing for
oneself

On January 22, 2015, before me, Susan Wiens, Notary Public, personally appeared Mohamed N. Elzeftawi, 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.

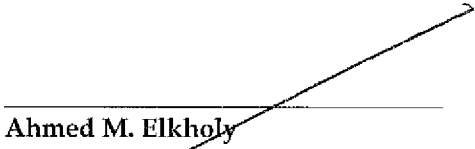
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Signature of Notary Public



Executed this _____ day of _____, 2015.


Ahmed M. Elkholy

State of Illinois

County of _____

This instrument was acknowledged before me on _____ (date) by Ahmed M. Elkholy.


Signature of Notary Public

Signed in Counterpart

Docket No. X-4545 US

Executed this _____ day of _____, 2015.

Mohamed N. Elzeftawi

State of California)

County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
(X) individual signing for
oneself

On _____, before me, Susan Wiens, Notary Public, personally appeared Mohamed N. Elzeftawi, 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 this 3rd day of Feb., 2015.

Ahmed M. Elkholy

State of Illinois

County of Champaign

This instrument was acknowledged before me on February 3, 2015 (date) by Ahmed M. Elkholy.

Signature of Notary Public

