PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Kang Wu	03/12/2008
Neil G. Jacobson	03/12/2008

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:	12047663

CORRESPONDENCE DATA

Fax Number: (408)377-6137

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4088794641

Email: katie.stofer@xilinx.com

Correspondent Name: XILINX, INC.

Address Line 1: 2100 Logic Drive

Address Line 4: San Jose, CALIFORNIA 95124

ATTORNEY DOCKET NUMBER: X-2882 US

NAME OF SUBMITTER: Justin Liu

Total Attachments: 2

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PATENT REEL: 020647 FRAME: 0571

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CH \$40,00

ASSIGNMENT

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

Kang Wu	of	6560 Westbourn Circle, Fort Collins, Colorado 80525
Neil G. Jacobson	of_	1833 Alford Avenue, Los Altos, California 94024

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 our invention

DETERMINING A CYCLE BASIS OF A DIRECTED GRAPH

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 abovenamed assignee, its successors and assigns.

Executed this 12 day of March 2008.

CAPACITY CLAIMED BY SIGNER

(X) individual signing for oneself

State of <u>California</u>)
County of <u>Santa Clara</u>)

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

KATHERINE G. STOFER
Commission # 1748570
Notary Public - California
Santa Clara County
My Comm. Expires Jun 2, 2011

Executed this 3/2 day of MARCH 2008.

Executed this 3/2 day of MARCH 2008.

Neil G. Jacobson

CAPACITY CLAIMED BY SIGNER
County of Santa Clara (X) individual signing for oneself

On Mouch 12,2008 before me, Katherine G. Stofer, Notary Public, personally appeared Neil G. Jacobson 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/she executed the same in his/her authorized capacity, and that by his/her 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

KATHERINE G. STOFER
Commission # 1748570
Notary Public - California
Santa Clara County
My Comm. Expires Jun 2, 2011