

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>fredric j. harris</td><td>10/28/2008</td></tr><tr><td>Christopher Dick</td><td>10/23/2008</td></tr></tbody></table>	Name	Execution Date	fredric j. harris	10/28/2008	Christopher Dick	10/23/2008	
Name	Execution Date						
fredric j. harris	10/28/2008						
Christopher Dick	10/23/2008						
RECEIVING PARTY DATA							
Name:	XILINX, INC.						
Street Address:	2100 Logic Drive						
City:	San Jose						
State/Country:	CALIFORNIA						
Postal Code:	95124						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12260028</td></tr></tbody></table>	Property Type	Number	Application Number:	12260028			
Property Type	Number						
Application Number:	12260028						
CORRESPONDENCE DATA							
Fax Number:	(408)377-6137						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	408-879-4641						
Email:	katie.stofer@xilinx.com						
Correspondent Name:	XILINX, INC ATTN: LEGAL DEPARTMENT						
Address Line 1:	2100 LOGIC DR						
Address Line 4:	SAN JOSE, CALIFORNIA 95124						
ATTORNEY DOCKET NUMBER:	X-2957 US						
NAME OF SUBMITTER:	Justin Liu						
Total Attachments: 2 source=X2957_US_Assignment_eFiled#page1.tif source=X2957_US_Assignment_eFiled#page2.tif							

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PATENT
REEL: 021751 FRAME: 0200

ASSIGNMENT

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

fredric j. harris of 2234 Debco Drive, P.O. Box 489, Lemon Grove, CA 91946
Christopher Dick of 5979 Pala Mesa Drive, San Jose, CA 95123

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

OFDM MODULATION USING A SHAPING FILTER

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 28 day of October, 2008.

State of Virginia
 County of San Diego Arlington

fredric j. harris
 fredric j. harris

CAPACITY CLAIMED BY SIGNER
 (X) individual signing for oneself

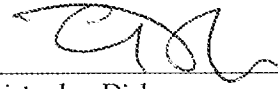
On October 28, 2008 before me Mita Delfin, Notary Public, personally appeared fredric j. harris who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized 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.

Mita A. Delfin
 Signature of Notary Public
 Comm. Expires: Feb. 28, 2011
 Reg. # 7127202

Executed this 23 day of October, 2008.



Christopher Dick

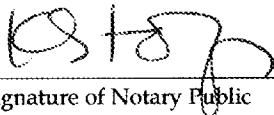
State of California)
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On October 23, 2008 before me, Katherine G. Stofer, Notary Public, personally appeared Christopher Dick 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