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U.S. DEPARTMENT OF COMMERCE

Patent Office

FORM PTO-1595 6-93

01/09/2008 <sub>RE</sub>



OMB No. 0651-0011 (exp. 4/94)	III   III
To the Honorable Commissioner of Patents a.	103476039
1. Name of conveying party(ies):	decimals. Flease record the attached original documents of copy thereof.
1. Name of conveying party(les).	2. Name and address of receiving party(ies):
Anthony T. Duong	Name: Xilinx, Inc.
	Name: Xilinx, Inc.
Additional name(s) of conveying party(ies) attached?	[ ] Yes [X ] No
3. Nature of Conveyance:	Street Address: 2100 Louis Duine
[X ] Assignment [ ] Merger	Street Address: 2100 Logic Drive
[ ] Security Agreement [ ] Change of Na	me City: San Jose State: California Zip: 95124
[ ] Other	Additional name(s) & address(es) attached? [ ] Yes [X] No
Execution Date: 01/09/08	Additional name(s) & address(es) attached? [ ] Yes [X] No
<ol><li>Application number(s) or patent number(s):</li></ol>	
If this document is being filed together with a new app	plication, the filing date of the application is: 01/09/08
A. Patent Application No.(s)	B. Patent No.(s)
New Application entitled "REDUCTION OF JITTER SEMICONDUCTOR DEVICE BY CONTROLLING CIRCUIT BOARD AND PACKAGE SUBSTRATE STACKUP"	IN A PRINTED
Ad	dditional numbers attached? [ ] Yes [X] No
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	6. Total number of applications and patents involved: one
Name: MICHAEL R. HARDAWAY	52,992 7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: Xilinx, Inc.	
	[X] Authorized to be charged to deposit account
Street Address: 2100 Logic Drive	8. Deposit Account Number: 24-0040
City: San Jose State: California Z	ip: 95124 (Attach duplicate copy of this page if paying by deposit account)
	DO NOT USE THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing	information is true and correct and any attached copy is a true copy of the
original document.	01/16/2998 DRYDNE GROODS
·	01 FC:6021 48.00 DA
MICHAEL R. HARDAWAY	January 9, 2008
Name of Person Signing	Signature
KGS Total number of pages in	cluding cover sheet, attachments, and document: [ 02]

Mail documents to be recorded with required cover sheet information to

Commissioner for Patents, Mail Stop: Assignments Alexandria, Virginia 22313-1450

**REEL: 020380 FRAME: 0303** 

## **ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, I/we Anthony T. Duong of 21271 Glenmont Drive, Saratoga, CA 95070 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 REDUCTION OF JITTER IN A SEMICONDUCTOR DEVICE BY CONTROLLING PRINTED CIRCUIT BOARD AND PACKAGE SUBSTRATE STACKUP 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 9th day of January 2008. CAPACITY CLAIMED BY SIGNER State of California ) (X) individual signing for oneself County of Santa Clara ) 9,2008 before me, Katherine G. Stofer, Notary Public, personally appeared Anthony T. Duong 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. Septes Jun 2, 2011

MRH/ks

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## RECORDATION FORM COVER SHEET DATENITO ONIT V

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To the Honorable Commissioner of Patents and Trademarks. Please	e record the attached original documents or copy thereof.
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Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No	Internal Address:
3. Nature of Conveyance:  K ] Assignment [ ] Merger  [ ] Security Agreement [ ] Change of Name  [ ] Other  Execution Date: 01/09/08	Street Address: 2100 Logic Drive  City: San Jose State: California Zip: 95124  Additional name(s) & address(es) attached? [ ] Yes [ X ] No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the filing A. Patent Application No.(s)  New Application entitled "REDUCTION OF JITTER IN A SEMICONDUCTOR DEVICE BY CONTROLLING PRINTED CIRCUIT BOARD AND PACKAGE SUBSTRATE STACKUP"	g date of the application is: 01/09/08  B. Patent No.(s)
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Street Address: 2100 Logic Drive  City: San Jose State: California Zip: 95124	8. Deposit Account Number: 24-0040  (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is truoriginal document.  MICHAEL R. HARDAWAY  Name of Person Signing  Signature	January 9, 2008
KGS Total number of pages including cover she	eet, attachments, and document: [ 02 ]

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> **PATENT REEL: 020380 FRAME: 0305**