07-17-2006

X-1438-1D US

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U.S. DEPARTMENT OF COMMERCE

| 6-93 OMB No. 0651-0011 (exp. 4/94) | Patent Office | | | |
|--|---|--|--|--|
| To the Honorable Commissioner of Patents and Traucinaixs. Please | 695 e record the attached original documents or copy thereof. | | | |
| 1. Name of conveying party(ies): | 2. Name and address of receiving party(ies): | | | |
| Charles W. Boecker; Brian T. Brunn | Name: Xilinx, Inc. | | | |
| Additional name(s) of conveying party(ies) attached? [] Yes [X] No | Internal Address: | | | |
| 3. Nature of Conveyance: | Street Address: 2100 Logic Drive | | | |
| [X] Assignment [] Merger | | | | |
| [] Security Agreement [] Change of Name [] Other | City: San Jose State: California Zip: 95124 | | | |
| Execution Date: 8/26/2003; 8/28/2003 | 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 filin | g date of the application is: July 6, 2006 | | | |
| A. Patent Application No.(s) | B. Patent No.(s) | | | |
| New Patent Application: "Charge Pump Having Sampling Point Adjustment" | | | | |
| Additional numbers attached? [] Yes [X] No | | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: One | | | |
| Name:JUSTIN LIU | 7. Total fee (37 CFR 3.41):\$ 40.00 [] Enclosed [X] Authorized to be charged to deposit account | | | |
| Internal Address: Xilinx, Inc. | | | | |
| Street Address: 2100 Logic Drive | 8. Deposit Account Number: 24-0040 | | | |
| City: San Jose State: California Zip: 95124 | (Attach duplicate copy of this page if paying by deposit account) | | | |
| DO NOT USE THIS SPACE | | | | |
| 9. Statement and signature. | 114630 | | | |
| To the best of my knowledge and belief, the foregoing information is true original document. JUSTIN LIU, 51,959 | se and correct and any attached copy is a true copy of the | | | |
| Name of Person Signing Signature July 6, 2006 Date | | | | |
| JAM Total number of pages including cover sho | eet, attachments, and document: [3] | | | |

Mail documents to be recorded with required cover sheet information to

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

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ASSIGNMENT

| T 1 1 | valuable consideration | 1 | 1 1 1 | 1 3 1 7 / |
|----------------|------------------------|---------------------|--------------|------------------|
| HOT GOOD AND | valuable concideration | receipt of which is | horony ackn | OWIDO ODO I / WO |
| I UI EUUU AIIU | valuable consideration | VICCOID OF MINCHING | TICICUY AUNI | OWICUECU.I/ WE |

Charles W. Boecker of 809 Crystal Street, Ames, Iowa 50010 2803 Lenwood Court, Austin, TX 78738 Brian T. Brunn

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

CHARGE PUMP HAVING SAMPLING POINT ADJUSTMENT

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 20th day of August

State of <u>Iowa</u>) County of Story) CAPACITY CLAIMED BY SIGNER [X] oneself/themselves

On 20 August 2003 before me, <u>Vancy</u> A. Gorman Notary Public, personally appeared <u>Charles W. Boecker</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/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.

WITNESS my hand and official seal.

Hy connission 40. is 708404 My connission expires 20 February 2004

| Executed this 28 day of AUGUST 200 | 3. | |
|---|---|--|
| | Brian T. Brunn | |
| State of <u>Texas</u>) County of <u>TRAV(S</u>) | CAPACITY CLAIMED BY SIGNER [X] oneself/themselves | |
| On MUSA With before me, With House Motary Public, personally appeared Brian T. Brunn [] personally known to me -or - [X] 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. | | |
| WITNESS my hand and official seal. | TONYA HAYDEN Notary Public STATE OF TEXAS My Comm. Exp. Aug. 16, 2005 | |

Signature

JL:jam

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PATENT REEL: 018055 FRAME: 0153