1000 1919 20 1	6-1998 U.S. DEPARTMENT OF COMMERCE	
OMB (exp. 4/94)  REC(    Fatent and Trademark Office   Fatent and		
To the Honorable Commissioner of Patents and 1007	48304 ,nal documents or copy thereof.	
Name of conveying party(ies):     Sunae Kang, Rafael G. San Luis, Jr., Derek R. Curd, and Ronald J. Mack	2. Name and address of receiving party(ies):  Name: Xilinx, Inc.	
Additional name(s) of conveying party(ies) attached?[ ] Yes [X] No	Internal Address:	
3. Nature of Conveyance:  [X] Assignment [ ] Merger [ ] Security Agreement [ ] Other	Street Address: 2100 Logic Drive  City: San Jose State: California Zip: 95124	
Execution Date: 06/18/98	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 ex  A. Patent Application No.(s)  Sunae Kang, Rafael G. San Luis, Jr., Derek R. Curd, and Ronald J. Mack  METHOD AND APPARATUS FOR SELECTING OPTIMUM LEVELS FOR IN-SYSTEM PROGRAMMABLE CHARGE PUMPS  Additional number	B. Patent No.(s)  S attached?   ] Yes   X   No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: One	
Name: LOIS D. CARTIER Internal Address: Xilinx, Inc.	7. Total fee (37 CFR 3.41):\$ 40.00  [ ] Enclosed  [ X ] Authorized to be charged to deposit account	
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)	
5/1998 SSNITH 00000160 240040 09099160 DO NOT USI	E THIS SPACE	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is original document.  LOIS D. CARTIER, 40,941  Name of Person Signing  Total number of pages including cover sheets.	July June 18 1998	

Mail documents to be recorded with required cover sheet information to

Assistant Commissioner for Patents, Box Assignments

Washington, D. C. 20231

## **ASSIGNMENT**

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

Sunae Kang	of _	239 Jo Drive, Los Gatos, California 95032
Rafael G. San Luis, Jr.	of	2865 Klein Road, San Jose, California 95148
Derek R. Curd	of	1268 Albacore Terrace, Fremont, California 94536
Ronald J. Mack	of	8529 Kelton Drive, Gilrov, California 95020

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 in

## METHOD AND APPARATUS FOR SELECTING OPTIMUM LEVELS FOR IN-SYSTEM PROGRAMMABLE CHARGE PUMPS

for which 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; 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 us; 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, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and 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 18th day of June	19 <i>98</i> .
	Hundan
	Sunae Kang
State of <u>California</u> )	CAPACITY CLAIMED BY SIGNER
County of Santa Clara )	<ul><li>( ) individual(s) signing for oneself/themselves</li></ul>
the basis of satisfactory evidence to be the pe instrument and acknowledged to me that he/s	before me, Jennifer Stuessy, Notary Public, ] personally known to meor proved to me on rson(s) whose name(s) is/are subscribed to the within he/they executed the same in his/her/their authorized re(s) on the instrument the person(s), or the entity upon ne instrument.

WITNESS my hand and official seal.

LDC:jls

JENNIFER L. STUESSY
Commission # 1123882
Notary Public — California
San Mateo County
My Comm. Expires Jan 20, 2001

PATENT REEL: 9260 FRAME: 0487

Executed this 18th day of JUNE	<u>, 19 9 8 .                                    </u>
	aful g. Su Ch. Rafael G. San Luis, Jr.
State of <u>California</u> ) ss.  County of <u>Santa Clara</u> )	CAPACITY CLAIMED BY SIGNER  ( ) individual(s) signing for oneself/themselves
on	name(s) is/are subscribed to the within ted the same in his/her/their authorized
WITNESS my hand and official seal.  Signature	JENNIFER L. STUESSY Commission # 1123882 Notary Public — California San Mateo County My Comm. Expires Jan 20, 2001
Executed this 18th day of JUNE	n 1998 Derek R. Curd
State of <u>California</u> ) ss.  County of <u>Santa Clara</u> )	CAPACITY CLAIMED BY SIGNER  ( ) individual(s) signing for oneself/themselves
on	name(s) is/are subscribed to the within ted the same in his/her/their authorized
WITNESS my hand and official seal.  Signature  LDC:jls	JENNIFER L. STUESSY Commission # 1123882 Natary Public — California San Mateo County My Comm. Expires Jan 20, 2001

PATENT REEL: 9260 FRAME: 0488

Docket No. X-408 US

Executed this 18th day of June	_, 19 <u>_98</u>	
	July	
	Ronald J. Mack	
State of <u>California</u> ) ) ss. County of <u>Santa Clara</u> )	CAPACITY CLAIMED BY SIGNER  ( ) individual(s) signing for oneself/themselves	
On		
WITNESS my hand and official seat.	JENNIFER L. STUESSY	
(Signature)	Commission # 1123882 Notary Public — California San Mateo County My Comm. Expires Jan 20, 2001	

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PATENT REEL: 9260 FRAME: 0489