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6-93  
OMB No. 0651-0011 (exp. 4/94)



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

100759526

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Jason H. Anderson, James L. Saunders, Madabhushi V. R. Chari, Sudip K. Nag, Rajeev Jayaraman  Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No	2. Name and address of receiving party(ies): Name: <u>Xilinx, Inc.</u> Internal Address: _____
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment                      [ ] Merger <input type="checkbox"/> Security Agreement            [ ] Change of Name <input type="checkbox"/> Other  Execution Date: <u>JUNE 29, 1998</u>	Street Address: <u>2100 Logic Drive</u> City: <u>San Jose</u> State: <u>California</u> Zip: <u>95124</u> 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 execution date of the application is: <u>JUNE 29, 1998</u>	
A. Patent Application No.(s) New Patent Application entitled: "Method and Apparatus for Placement of Input-Output Design Objects into a Programmable Gate Array"	B. Patent No.(s)  Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>EDEL M. YOUNG</u> Internal Address: <u>Xilinx, Inc.</u>  Street Address: <u>2100 Logic Drive</u>  City: <u>San Jose</u> State: <u>California</u> Zip: <u>95124</u>	6. Total number of applications and patents involved: <u>ONE</u>  7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit Account Number: <u>24-0040</u> (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature.		
<i>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.</i>		
<u>EDEL M. YOUNG, 32,451</u> Name of Person Signing	 Signature	<u>6/29/98</u> Date
Total number of pages including cover sheet, attachments, and document: [ 4 ]		

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Mail documents to be recorded with required cover sheet information to  
Assistant Commissioner for Patents, Box Assignments  
Washington, D. C. 20231

PATENT  
REEL: 9288 FRAME: 08

JCS51 U.S. PTO  
 09/107022  
 06/29/98  
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 00000171 240040  
 40.00 CH  
 09/1998 JMWK/INE  
 01 FC:581

ASSIGNMENT

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

Jason H. Anderson of 325 Union Avenue, Apt. 355, Campbell, CA 95008  
James L. Saunders of 681 Santa Coleta Court, Sunnyvale CA 94086  
Madabhushi V. R. Chari of 711 Folsom Circle, Milpitas CA 95035  
Sudip K. Nag of 345 Kiely Boulevard, #C212, San Jose, CA 95129  
Rajeev Jayaraman of 1859 Tersini Court, San Jose, CA 95131

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 PLACEMENT OF INPUT-OUTPUT DESIGN OBJECTS INTO A PROGRAMMABLE GATE ARRAY**

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 29 day of June, 1998.

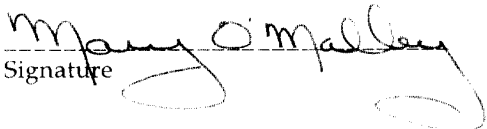
  
 Jason H. Anderson

State of California )  
 ) ss.  
 County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
 ( ) individual(s) signing for  
 oneself/themselves

On June 29, 1998 before me, Mary O'Malley, personally appeared Jason H. Anderson [ personally known to me ~~or~~  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
 Signature



Executed this 29 day of June, 1998.

James L. Saunders  
James L. Saunders

State of California )  
 ) ss.  
County of Santa Clara )

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( ) individual(s) signing for  
oneself/themselves

On June 29, 1998 before me, Mary O'Malley, personally appeared James L. Saunders  personally known to me ~~or~~  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Mary O'Malley  
Signature



Executed this 29 day of June, 1998.

Madabhushi V.R. Chari  
Madabhushi V.R. Chari

State of California )  
 ) ss.  
County of Santa Clara )

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( ) individual(s) signing for  
oneself/themselves

On June 29, 1998 before me, Mary O'Malley, personally appeared Madabhushi V.R. Chari  personally known to me ~~or~~  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Mary O'Malley  
Signature



Executed this 29 day of June, 1998.

Sudip K. Nag  
Sudip K. Nag

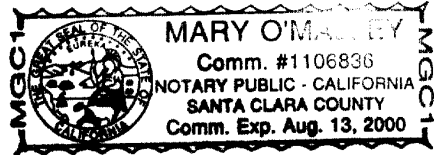
State of California )  
 ) ss.  
County of Santa Clara )

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oneself/themselves

On June 29, 1998 before me, Mary O'Malley, personally appeared Sudip K. Nag ~~[ ] personally known to me~~ or  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Mary O'Malley  
Signature



Executed this 29 day of June, 1998.

Rajeev Jayaraman  
Rajeev Jayaraman

State of California )  
 ) ss.  
County of Santa Clara )

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( ) individual(s) signing for  
oneself/themselves

On June 29, 1998 before me, Mary O'Malley, personally appeared Rajeev Jayaraman ~~[ ] personally known to me~~ or  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Mary O'Malley  
Signature



EMY:mom