1-13-07	conf no: X-894 US
FORM PTO-1595 RE( 01-24	-2002 U.S. DEPARTMENT OF COMMERCE Patent Office
OMB-No. 0651-0011 (exp. 4/94)	
To the Honorable Commissioner of Patents: 10196	1 1 1
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Jack Siu Cheung Lo, Shankar Lakkapragada,	
Shi-dong Zhou	Name: Xilinx, Inc.
Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No	Internal Address:
3. Nature of Conveyance:	
[ ] Merger	Street Address: 2100 Logic Drive
[ ] Security Agreement [ ] Change of Name [ ] Other	City: San Jose State: California Zip: 95124
Execution Date: 5/25/01 and 6/4/01	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 fili	ng date of the application is:
A. Patent Application No.(s)	B. Patent No.(s) 1.5 (h)
U.S. Serial No. 09/865,871 filed 5/25/01	$L_{\alpha}\hat{H}^{\alpha}$
Document ID No.: 101835556	}
Additional number	s attached? [ ] Yes [X] No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: ONE
concerning document should be mailed:	
Name: EDEL M. YOUNG	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: Xilinx, Inc.	[ ] Enclosed [ X ] Authorized to be charged to deposit account
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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)
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To the best of my knowledge and belief, the foregoing information is to original document.	rue and correct and any attached copy is a true copy of the
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EDEL M. YOUNG, 32,451	1 Count December 12, 2001
Name of Person Signing Signature	Date
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OIPE	conf no: X-894 US		
FORM: PTO-1.375 RBCORDA!	9 07 - 2001 U.S. DEPARTMENT OF COMMERCE Patent Office		
OMB NO. 0631-0011 (exp. 4/94) Alf 2 7 2001 & PA	III III THALIN III III III III III III III III III		
To the Honorable Commissioner of Patents and Trade	Ot 03555		
1. Name of conveying party(les):	018\$5556  2. Name and address of receiving party(ies):		
Jack Siu Cheung Lo, Shankar Lakkapragada, Shi-dong Zhou			
8-27-01	Name: Xilinx, Inc.		
Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No	Internal Address:		
3. Nature of Conveyance:			
[ ] Merger	Street Address: 2100 Logic Drive		
[ ] Security Agreement [ ] Change of Name	City: San Jose State: California Zip: 95124		
[ ] Other	Additional name(s) & address(es) attached? [ ] Yes [X] No		
Execution Date: <u>5/25/01</u>	A JNO		
4. Application number(s) or patent number(s):			
If this document is being filed together with a new application, the filin			
A. Patent Application No.(s)	B. Patent No.(s)		
New Patent Application entitled: Pulse Generator with Polarity Control			
	l		
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: EDEL M. YOUNG	7. Total fee (37 CFR 3.41):\$ 40.00		
Internal Address: Xilinx, Inc.	[ ] Enclosed		
	[X] Authorized to be charged to deposit account		
Street Address: 2100 Logic Drive	8. Deposit Account Number: 24-0040		
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City: San Jose State: California Zip: 95124	(Tituen deproduce copy or also page is paying by deposit accounty)		
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YOUNG E Commissioner for Patents, Box Assignments
Washington, D. C. 20231

PATENT **REEL: 012487 FRAME: 0175** 

## **ASSIGNMENT**

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

	Jack Siu Cheung Lo	of _	1885 Sheri Ann Circle, San Jose, CA 95131	
_	Shankar Lakkapragada	_ of	1801 Canal Way, San Jose, CA 95132	·
	Shi-dong Zhou	_ of _	1029 Nicklaus Avenue, Milpitas, CA 95035	<del>:</del>

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

## PULSE GENERATOR WITH POLARITY CONTROL

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 <u>25</u> day of <u>May</u>	, 20 <u>0</u>
State of <u>California</u> ) County of <u>Santa Clara</u> )	Jack Stu Cheung Lo  APACITY CLAIMED BY SIGNER  [X] oneself/themselves
satisfactory evidence to be the person who acknowledged to me that he she executed the	before me, Mary O'Malley, Notary Public, personally ally known to me—or— proved to me on the basis of ose name is subscribed to the within instrument and same in his/her authorized capacity, and that by his/her entity upon behalf of which the person acted, executed the

WITNESS my hand and official seal.

Signature

MARY O'MALLEY
Commission # 1270972
Notary Public - California
Sania Clara County
My Comm. Belies Aug 13, 2004

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Executed this 4th day of June	20 <u>01</u> .
	d Mossella Shankar Lakkapragada
State of <u>California</u> ) County of <u>Santa Clara</u> )	CAPACITY CLAIMED BY SIGNER [X] oneself/themselves
On Sune 4.2001 before appeared Shankar Lakkapragada [-] personally know satisfactory evidence to be the person whose name is acknowledged to me that he/she executed the same in his signature on the instrument the person, or the entity upon instrument.	rn to me —or[★] proved to me on the basis of s subscribed to the within instrument and s/her authorized capacity, and that by his/her
WITNESS my hand and official seal.	
Signature O'Malley	MARY O'MALLEY Commission # 1270972 Notory Public - Colifornia \$ Santa Clara County My Comm. Expires Aug 13, 2004
Executed this <u>25</u> day of <u>MAY</u> , 2	20 <u>01</u> .
	Shi-dong Zhou
State of <u>California</u> ) County of <u>Santa Clara</u> )	CAPACITY CLAIMED BY SIGNER [X] oneself/themselves
On Shi-dong Zhou I personally known to satisfactory evidence to be the person whose name is acknowledged to me that he/she executed the same in his signature on the instrument the person, or the entity upon instrument.	s subscribed to the within instrument and s <del>/he</del> r authorized capacity, and that by his <del>/he</del> r
WITNESS my hand and official seal.	
Signature O'Molley	MARY O'MALLEY Commission # 1270972 Notary Public - California Santa Clara County My Comm. Expires Aug 13, 2004

PATENT REEL: 012487 FRAME: 0177

EMY:mom

## **ASSIGNMENT**

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

Jack Siu Cheung Lo	of	1885 Sheri Ann Circle, San Jose, CA 95131
Shankar Lakkapragada	of_	1801 Canal Way, San Jose, CA 95132
Shi-dong Zhou	of	1029 Nicklaus Avenue, Milpitas, CA 95035

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

## PULSE GENERATOR WITH POLARITY CONTROL

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 23 day of 7149	, 20 <u>01</u> .
	Jack Shu Cheung Lo
	Jack Stu Cheung Lo
State of <u>California</u> )	APACITY CLAIMED BY SIGNER
County of Santa Clara )	[X] oneself/themselves
0 M 15 0 . 51	hafara ma Mary O'Mallay Notany Public paranally
appeared lack Siu Cheung Lo Linerso	before me, Mary O'Malley, Notary Public, personally onally known to me -or - 🔀 proved to me on the basis of
satisfactory evidence to be the person when	hose name is subscribed to the within instrument and
	ne same in his/ <del>be</del> r authorized capacity, and that by his/ber

signature on the instrument the person, or the entity upon behalf of which the person acted, executed the

WITNESS my hand and official seal.

Signature

instrument.

MARY O'MALLEY
Commission # 1270972
Notary Public - California
Sania Clara County
My Comm. Biplies Aug 13, 2004

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Executed this 4th day of June 200	<u>1</u> .
	d Mobiler Shankar Lakkapragada
State of <u>California</u> ) County of <u>Santa Clara</u> )	CAPACITY CLAIMED BY SIGNER [X] oneself/themselves
On Sune 4.200 before me, appeared Shankar Lakkapragada [ ] personally known to satisfactory evidence to be the person whose name is su acknowledged to me that he/she executed the same in his/her signature on the instrument the person, or the entity upon behavinstrument.	me—or — [ proved to me on the basis of bscribed to the within instrument and authorized capacity, and that by his/her
WITNESS my hand and official seal.	
Signature O'Mallay	MARY O'MALLEY Commission # 1270972 Notary Public - California Santa Clara County My Comm. Expires Aug 13, 2004
Executed this 25 day of MAY 200	L. Hobdory Jion Shi-dong Zhou
	Shi-dong Zhou
State of <u>California</u> ) County of <u>Santa Clara</u> )	CAPACITY CLAIMED BY SIGNER [X] oneself/themselves
On	-or   proved to me on the basis of bscribed to the within instrument and authorized capacity, and that by his her
WITNESS my hand and official seal.	
Signature O'Malley	MARY O'MALLEY Commission # 1270972 Notary Public - California Santa Clara County My Comm. Expires Aug 13, 2004
EMY:mom	

PATENT REEL: 012487 FRAME: 0179

**RECORDED: 01/15/2002**