

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)

Om Agrawal; Manish Garg; Chan-Chi Jason Cheng  
Satwant Singh; Ju Shen

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) 8/8/05; 8/2/05; 8/3/05; 7/27/05

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

### 2. Name and address of receiving party(ies)

Name: Lattice Semiconductor Corporation

Internal Address: Legal Department

Street Address: 5555 NE Moore Ct

City: Hillsboro

State: OR

Country: US Zip: 97124

Additional name(s) & address(es) attached? ☐ Yes ☒ No

### 4. Application or patent number(s):

A. Patent Application No.(s)  
11934711

☐ This document is being filed together with a new application.  
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: Mark L. Becker

Internal Address: Lattice Semiconductor Corporation

Street Address: 5555 NE Moore Ct

City: Hillsboro

State: OR Zip: 97124

Phone Number: 503-268-8629

Fax Number: 503-268-8459

Email Address: mark.becker@latticesemi.com

### 6. Total number of applications and patents involved: one

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ one

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)


### 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 501958

Authorized User Name Mark Becker

### 9. Signature:

  
Signature

11/5/07

Date

Mark L. Becker

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

700348883

PATENT  
REEL: 020070 FRAME: 0423

CH \$40.00 501958 11934711

Attorney Docket No.: M-15817 US

**ASSIGNMENT**

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

Om Agrawal of Los Altos, California  
Manish Garg of San Jose, California  
Chan-Chi Jason Cheng of Fremont, California  
Satwant Singh of Fremont, California  
Ju Shen of San Jose, California

hereby sell, assign and transfer to **Lattice Semiconductor Corporation**, a Delaware corporation, having a place of business at 5555 N.E. Moore Court, Hillsboro, OR 97124-6421, its successors and assigns, the entire right, title and interest throughout the world in my invention in

**PROGRAMMABLE LOGIC DEVICE WITH ENHANCED  
LOGIC BLOCK ARCHITECTURE**

for which I have executed 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 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; I 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 I request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

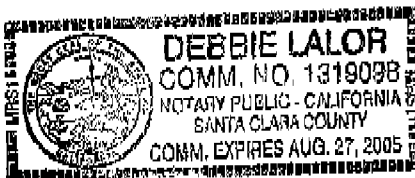
Executed this 8<sup>th</sup> day of August, 2005.

Om Agrawal  
Om Agrawal

State of California  
County of Santa Clara ) ss

On August 8<sup>th</sup>, 2005, before me, Debbie Lalor  
personally appeared Om Agrawal 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.

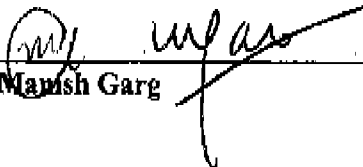


Debbie Lalor  
Signature of NOTARY

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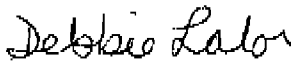
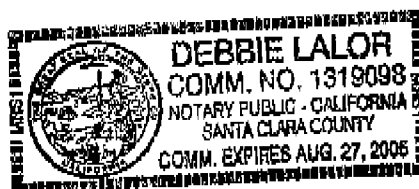
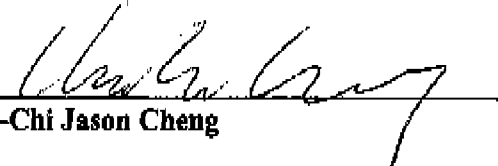
**PATENT**  
**REEL: 020070 FRAME: 0424**

Attorney Docket No.: M-15817 US

Executed this 2<sup>nd</sup> day of August, 2005.State of California  
County of Santa Clara } ss  
\_\_\_\_\_  
Manish Garg

On August 2<sup>nd</sup> 2005, before me, Debbie Lalor  
personally appeared **Manish Garg** 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 of NOTARYExecuted this 27<sup>th</sup> day of July, 2005.State of California  
County of Santa Clara } ss  
\_\_\_\_\_  
Chan-Chi Jason Cheng

On July 27<sup>th</sup> 2005, before me, Debbie Lalor  
personally appeared **Chan-Chi Jason Cheng** 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.

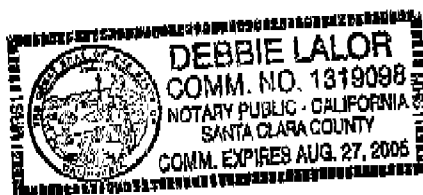
  
\_\_\_\_\_  
Signature of NOTARY

Attorney Docket No.: M-15817 US

Executed this 3<sup>rd</sup> day of August, 2005.Satwant Singh  
Satwant SinghState of California )  
County of Santa Clara ) ss

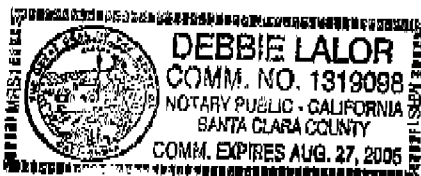
On August 3<sup>rd</sup> 2005, before me, Debbie Lalor  
personally appeared Satwant Singh personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same 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.

Debbie Lalor  
Signature of NOTARYExecuted this 3<sup>rd</sup> day of August, 2005.Ju Shen  
Ju ShenState of California )  
County of Santa Clara ) ss

On August 3<sup>rd</sup> 2005, before me, Debbie Lalor  
personally appeared Ju Shen 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.

Debbie Lalor  
Signature of NOTARY