

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Mark Allen Boike, Seshagiri Prasad Kalluri, Vijayanand J. Angarai, David Mark Brantley, and Scott Avery Beeker Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <u>LSI LOGIC CORPORATION</u> Internal Address: <u>Corporate Legal Department</u> <u>Intellectual Property Services Group</u> Street Address: <u>1551 McCarthy Blvd., M/S D-106</u> City: <u>Milpitas</u> State: <u>CA</u> Zip: <u>95035</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ 12/13/04; 12/13/04; 01/14/05; 12/08/04; 12/08/04 Execution Date: _____			4. Application number(s) or patent number(s): <u>11/023,731</u> If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>LSI LOGIC CORPORATION</u> Internal Address: <u>Corporate Legal Department</u> <u>Intellectual Property Services Group</u> Street Address: <u>1621 Barber Lane, MS D-106</u> City: <u>Milpitas</u> State: <u>CA</u> Zip: <u>95035</u>			6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>0.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>12-2252</u>		
DO NOT USE THIS SPACE					
9. Signature. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>Duke W. Yee</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;"> Signature </div> <div style="width: 30%; text-align: right;"> <u>July 14, 2005</u> Date </div> </div>					
Total number of pages including cover sheet, attachments, and documents: <u>7</u>					

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
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 PATENT
 REEL: 016525 FRAME: 0904

Docket No. 04-1214**Express Mailing Label No. EV531722642US****ASSIGNMENT OF APPLICATION**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, the undersigned, **MARK ALLEN BOIKE, SESHAGIRI PRASAD KALLURI, VIJAYANAND J. ANGARAI, DAVID MARK BRANTLEY, and SCOTT AVERY BEEKER**, do hereby sell, assign, and transfer to: **LSI LOGIC CORPORATION**, a corporation of Delaware, having a place of business at 1621 Barber Lane, MS D-106, Milpitas, California 95035, ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and which is entitled:

**"TEST WRAPPER INCLUDING INTEGRATED SCAN CHAIN FOR TESTING
EMBEDDED HARD MACRO IN AN INTEGRATED CIRCUIT CHIP"**

in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications to patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

First Named Inventor:

Name: Mark Allen Boike Date: 12/13/04
Mark Allen Boike

Witness Signature: [Signature]

Witness Printed Name: Brian Andrade

Witness Address: 500 N Central Expwy

Second Named Inventor:

Name: [Signature] Date: 12/13/04
Seshagiri Prasad Kalluri

Witness Signature: [Signature]

Witness Printed Name: Brian Andrade

Witness Address: 500 N Central Expwy

Third Named Inventor:

Name: _____ Date: _____
Vijayanand J. Angarai

Witness Signature: _____

Witness Printed Name: _____

Witness Address: _____

Docket No. 04-1214

Express Mailing Label No. EV531722642US

Fourth Named Inventor:

Name: David Mark Brantley Date: 12-8-04
David Mark Brantley

Witness Signature: [Signature]

Witness Printed Name: BRIAN ANDRADE

Witness Address: 500 N Central Expwy

Fifth Named Inventor:

Name: Scott Avery Becker Date: 12-8-04
Scott Avery Becker

Witness Signature: [Signature]

Witness Printed Name: BRIAN ANDRADE

Witness Address: 500 N Central Expwy

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Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications to patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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First Named Inventor:Name: Mark Allen BoikeDate: 12/13/04

Mark Allen Boike

Witness Signature: BR:AN ANGARAIWitness Printed Name: BR:AN ANGARAIWitness Address: 500 N Central Expwy**Second Named Inventor:**Name: Seshagiri Prasad KalluriDate: 12/13/04Witness Signature: BR:AN ANGARAIWitness Printed Name: BR:AN ANGARAIWitness Address: 500 N Central Expwy**Third Named Inventor:**Name: Vijayanand J. Angarai

Date: _____

Witness Signature: _____

Witness Printed Name: _____

Witness Address: _____

Docket No. 04-1214

Express Mailing Label No. EV531722642US

Fourth Named Inventor:

Name: David Mark Brantley Date: 12-8-04
David Mark Brantley

Witness Signature: [Signature]

Witness Printed Name: BRIAN ANDRADE

Witness Address: 500 N Central Expwy

Fifth Named Inventor:

Name: Scott Avery Beeker Date: 12-8-04
Scott Avery Beeker

Witness Signature: [Signature]

Witness Printed Name: BRIAN ANDRADE

Witness Address: 500 N Central Expwy

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First Named Inventor:

Name: _____ Date: _____
Mark Allen Boike

Witness Signature: _____

Witness Printed Name: _____

Witness Address: _____

Second Named Inventor:

Name: _____ Date: _____
Seshagiri Prasad Kalluri

Witness Signature: _____

Witness Printed Name: _____

Witness Address: _____

Third Named Inventor:

Name: Vijayanand J Angarai Date: 01-14-05
Vijayanand J Angarai

Witness Signature: Brian Andrade

Witness Printed Name: Brian Andrade

Witness Address: 1311 CONSTITUTION AVE TX
75013

Docket No. 04-1214

Fourth Named Inventor:

Name: _____ Date: _____
David Mark Brantley

Witness Signature: _____

Witness Printed Name: _____

Witness Address: _____

Fifth Named Inventor:

Name: _____ Date: _____
Scott Avery Beeker

Witness Signature: _____

Witness Printed Name: _____

Witness Address: _____
