

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)

JEFFREY WILLIAM BRET, DOUGLAS ELLIOTT SANDERS,
HARISH BHARADWAJ, SUPARNA BEHERA,
GORDON DOUGLAS BOYD, RICHARD JOHN BOMBARD and
PHILIP WALDRON HERMAN, JR.

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

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

Execution Date(s) 11/21/05 and 11/28/05

- ☒ 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: LSI Logic Corporation

Internal Address: Corporate Legal Department

Intellectual Property Services Group

Street Address: 1621 Barber Lane, MS D-106

City: Milpitas

State: California

Country: United States Zip: 95035

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No. (s)

11/290,096

Document ID No. 103132699

B. Patent No. (s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: LSI Logic Corporation

Internal Address: Corporate Legal Department

Intellectual Property Services Group

Street Address: 1621 Barber Lane, MS D-106

City: Milpitas

State: California Zip: 95035

Phone Number: 408-954-4669

Fax Number: 408-433-7770

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00

- ☐ 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 50-3157

Authorized User Name _____

9. Signature:

James O. Skarsten
Signature

April 10, 2006

Date

James O. Skarsten
Name of Person Signing

Total number of pages including cover
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7

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

700257038

PATENT
REEL: 017462 FRAME: 0688

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

12-08-2005

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

RE



103132699

11-30-05

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BRETI ET AL.

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

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Execution Date(s) 11/20/05, 11/21/05 and 11/28/05

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7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ 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 12-2252

Authorized User Name _____

9. Signature:

Signature

November 30, 2005

Date

Gerald H. Glanzman

Name of Person Signing

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

7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

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12/07/2005 ECUOPER 00000201 12252 11290096

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40.00 DA

PATENT
REEL: 017462 FRAME: 0689

Docket No. 05-1792

Express Mailing Label No. EV552679803US

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, the undersigned, **JEFFREY WILLIAM BRETl, DOUGLAS ELLIOTT SANDERS, HARISH BIHARADWAJ, SUPARNA BEHERA, GORDON DOUGLAS BOYD, RICHARD JOHN BOMBARD and PHILIP WALDRON HERMAN, JR.** 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:

"METHOD AND APPARATUS FOR MANAGING FLOW CONTROL IN PCI EXPRESS TRANSACTION LAYER"

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:

Jeffrey William Breti

Date:

11/21/05

Witness Signature:

Witness Printed Name:

Witness Address:

Second Named Inventor:

Name:

Douglas Elliott Sanders

Date:

11/21/05

Witness Signature:

Witness Printed Name:

Witness Address:

Third Named Inventor:

Name:

Harish Bharadwaj

Date:

Witness Signature:

Witness Printed Name:

Witness Address:

Docket No. 05-1792

Express Mailing Label No. EV552679803US

Fourth Named Inventor:Name: _____ Date: _____
Suparna Behera

Witness Signature: _____

Witness Printed Name: _____

Witness Address: _____
_____**Fifth Named Inventor:**Name: Gordon D. Boyd Date: 11/21/05
Gordon Douglas BoydWitness Signature: Charles BattikhaWitness Printed Name: Charles BattikhaWitness Address: 8 Tammer Lane
Hopkinton, MA 01748**Sixth Named Inventor:**Name: Richard J. Bombard Date: 11/21/2005
Richard John BombardWitness Signature: Charles BattikhaWitness Printed Name: Charles BattikhaWitness Address: 8 Tammer Lane
Hopkinton, MA 01748**Seventh Named Inventor:**Name: Philip Waldron Herman, Jr. Date: 11/21/05
Philip Waldron Herman, Jr.Witness Signature: Charles BattikhaWitness Printed Name: Charles BattikhaWitness Address: 8 Tammer Lane
Hopkinton, MA 01748

Docket No. 05-1792

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"METHOD AND APPARATUS FOR MANAGING FLOW CONTROL IN PCI EXPRESS TRANSACTION LAYER"

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: _____ Date: _____
Jeffrey William Breti

Witness Signature: _____

Witness Printed Name: _____

Witness Address: _____

Second Named Inventor:

Name: _____ Date: _____
Douglas Elliott Sanders

Witness Signature: _____

Witness Printed Name: _____

Witness Address: _____

Third Named Inventor:

Name: harishb Date: 11/28/05
Harish Bharadwaj

Witness Signature: [Signature]

Witness Printed Name: RAVINDRA VISWANATH

Witness Address: 765 SYCAMORE
MILPITAS, CA, 95035

Docket No. 05-1792

Express Mailing Label No. EV552679803US

Fourth Named Inventor:Name: Suparna Behera Date: 11/28/05
Suparna Behera

Witness Signature:

Matthew Tedone

Witness Printed Name:

Matthew Tedone

Witness Address:

887 W. Remington Dr
San Jose, CA 94087**Fifth Named Inventor:**Name: _____ Date: _____
Gordon Douglas Boyd

Witness Signature:

Witness Printed Name:

Witness Address:

Sixth Named Inventor:Name: _____ Date: _____
Richard John Bombard

Witness Signature:

Witness Printed Name:

Witness Address:

Seventh Named Inventor:Name: _____ Date: _____
Philip Waldron Herman, Jr.

Witness Signature:

Witness Printed Name:

Witness Address:

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"METHOD AND APPARATUS FOR MANAGING FLOW CONTROL IN PCI EXPRESS TRANSACTION LAYER"

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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First Named Inventor:

Name:

Jeffrey William Breti
Jeffrey William Breti

Date:

11/21/05

Witness Signature:

Charles Battikha

Witness Printed Name:

Charles Battikha

Witness Address:

8 Tammer LaneHopkinton, MA 01748**Second Named Inventor:**

Name:

Douglas Elliott Sanders
Douglas Elliott Sanders

Date:

11/21/05

Witness Signature:

Charles Battikha

Witness Printed Name:

Charles Battikha

Witness Address:

8 Tammer LaneHopkinton, MA 01748**Third Named Inventor:**

Name:

Harish Bharadwaj

Date:

Witness Signature:

Witness Printed Name:

Witness Address:

Docket No. 05-1792

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Fourth Named Inventor:Name: _____ Date: _____
Suparna Behera

Witness Signature: _____

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Witness Address: _____

Fifth Named Inventor:Name: Gordon D. Boyd Date: 11/21/05
Gordon Douglas BoydWitness Signature: Charles BattikhaWitness Printed Name: Charles BattikhaWitness Address: 8 Tammer Lane
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Witness Address: _____

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Harish Bharadwaj

Witness Signature: [Signature]

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Witness Address: 765 SYCAMORE
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Witness Address:

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Witness Address:
