U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 07/05) United States Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2008) 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. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) JEFFREY WILLIAM BRETI, DOUGLAS ELLIOTT SANDERS. Name: LSI Logic Corporation HARISH BHARADWAJ, SUPARNA BEHERA, Internal Address: Corporate Legal Department GORDON DOUGLAS BOYD, RICHARD JOHN BOMBARD and PHILIP WALDRON HERMAN, JR. Intellectual Property Services Group Additional name(s) of conveying party(ies) attached? Yes 🗸 No 3. Nature of conveyance/Execution Date(s): Street Address: 1621 Barber Lane, MS D-106 Execution Date(s) 11/21/05 and 11/28/05 ✓ Assignment Merger City: Milpitas Change of Name Joint Research Agreement State: California Government Interest Assignment Zip:95035 Country: United States Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes V No Other 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 11/290.096 Document ID No. 103132699 Additional numbers attached? 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved: 1 Name: LSI Logic Corporation 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00 Internal Address: Corporate Legal Department Authorized to be charged by credit card Intellectual Property Services Group Authorized to be charged to deposit account Enclosed Street Address: 1621 Barber Lane, MS D-106 None required (government interest not affecting title) 8. Payment Information City: Milpitas a. Credit Card Last 4 Numbers _____ State: California Zip: 95035 Expiration Date Phone Number: 408-954-4669 b, Deposit Account Number <u>50-3157</u> Fax Number: 408-433-7770 Authorized User Name Email Address: 9. Signature: April 10, 2006 Date Total number of pages including cover James O. Skarsten 7 sheet, attachments, and documents; Name of Person Signing

> 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

Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	B - 2005 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RE	
103	32699 e record the attached documents or the new address(es) below.
To the Director of the U.S. Patent and Trauemark Office: Please	A Name and address of specifing party(ige)
1. Name of conveying party(ies) BRETLET AL.	Name: LSI Logic Corporation
preneral.	Internal Address: Corporate Legal Department
	00 00 00 00 00 00 00 00 00 00 00 00 00
Additional name(s) of conveying party(ies) attached? Yes 🗸 No	Name: LSI Logic Corporation Internal Address: Corporate Legal Department Intellectual Property Services Group
3. Nature of conveyance/Execution Date(s):	Street Address: 1621 Barber Lane, MS D-106
Execution Date(s) 11/20/05, 11/21/05 and 11/28/05	
Assignment Merger	
Security Agreement Change of Name	City: Milpitas
Joint Research Agreement	State: California
Government Interest Assignment	Country: United States Zip: 95035
Executive Order 9424, Confirmatory License	Joseph James
Other	Additional name(s) & address(es) attached? Yes V No
A, Patent Application No.(s) Additional numbers at	B. Patent No.(\$) tached? ☐ Yes ☑ No
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: 1
Name:LSI Logic Corporation	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address:Corporate Legal Department	Authorized to be charged by credit card
Intellectual Property Services Group	✓ Authorized to be charged to deposit account
Street Address: 1621 Barber Lane, MS D-106	Enclosed
	None required (government interest not affecting title)
City Milaba	8. Payment Information
City: Milpitas	a. Credit Card Last 4 Numbers
State: California Zip: 95035	Expiration Date
Phone Number: 408-954-4669	b. Deposit Account Number 12-2252
Fax Number: 408-433-7770	Authorized User Name
Email Address:	
9. Signature: July 9/1 1/19	November 30, 2005
Signature	Date
Gerald H. Glanzman Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 7

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PATENT

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Docket No. 05-1792

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ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Wc, the undersigned, JEFFREY WILLIAM BRETI, DOUGLAS ELLIOTT SANDERS, HARISH BHARADWAJ, 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 Assignce, its successors, assigns and legal representatives; and

Page 1 of 3

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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: MMU	lite Date: 11/21/05
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Witness Address:	8 Tammer Lane Hapkinton, MA 01248
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Fourth Named Inventor:	
Name:	Date:
Suparna Behera	
Witness Signature:	MAN THE RESERVE TO TH
Witness Printed Name:	
Witness Address:	44877
Name: 414 D Gordon Douglas Boyd	Date: 11/21/05
Witness Signature:	of share
Witness Printed Name: Cha	-len Battikha
Witness Address: 8 How	Tammer Cane_ Kinton, MA 01748
Sixth Named Inventor:	, .
Name: Michael John Bombard	Date: 11/21/2005
Witness Signature:	notall-
Witness Printed Name:	Jer Battykha
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Seventh Named Inventor:	
Name: Philip Waldron Herman, Jr.	Date: 11/21/05
Witness Signature:	hayal
Witness Printed Name: Charles	& BathKha
Witness Address: 8 1	ammer Lane Kinton, MA 01748

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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:		Date:	
Jeffrey William Bret	İ		
Witness Signature:	1102		
Witness Printed Name;			
Witness Address;			
Second Named Inventor:			
Name:		Date:	
Douglas Elliott Sand	ers		
Witness Signature:			
Witness Printed Name:			
Witness Address:			
Third Named Inventor:		,	
Name: <u>hanish</u>	<u></u>	Date:	128/05
Harish Bharadwaj	1 1		
Witness Signature:			
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Witness Address:	RAVINORA 765 SYCAMORE MURITAS, CA	95035	

Page 2 of 3

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Fourth Named Inventor:			
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Suparna Behera		_ ′	/
Witness Signature:	Meetro 5	Jestime	
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Fifth Named Inventor:			
Name: Gordon Douglas Bo	oyd	Date:	
Witness Signature:		***	
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Witness Address:	0.10		
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	DAFG		
Witness Signature:			
Witness Printed Name:			
Witness Address:			
Seventh Named Inventor:			
Name: Philip Waldron He	emon In	Date:	
r mmp vvaluron eter	.man² îl.		
Witness Signature:			
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Witness Address:			

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<u>First Named Inventor:</u>	4 . 1
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Witness Printed Name:	Charles Battikha
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Third Named Inventor:	
Name:	Date:
Harish Bharadwaj	
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Fourth Named Inventor:	
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Suparna Behera	
Witness Signature:	
Witness Printed Name:	
Witness Address:	
Fifth Named Inventor:	
Name: Ald Douglas Boy	Date: 11/21/05
Witness Signature:	_ hafsh-
Witness Printed Name:	Charles Battikha
Witness Address:	Hopkinton, MA Oltus
Sixth Named Inventor:	2
Name: Aid John Bomba	Bull Date: 11/21/2005
Witness Signature:	hogall-
Witness Printed Name:	Charles Bathkha
Witness Address:	Hopkinhm. MA OLAYA
Seventh Named Inventor:	
Name: Maldron Hern	nan, Jr. Date: 11/2/105
Witness Signature:	May all
Witness Printed Name:	Charles Battikha
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First Named Inventor:			
Name:		Date:	
Jeffrey William Bret	ii		,
Witness Signature:			
Witness Printed Name:			_
Witness Address:			-
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Name:		Date:	
Douglas Elliott Sand	ers		
Witness Signature;			_
Witness Printed Name:		·	<u>.</u>
Witness Address:			-
Third Named Inventor:			.
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Harish Bharadwaj	1 \		
Witness Signature:			-
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	MILPITAS, CA,	<u>95035 </u>	u

Page 2 of 3

Express Mailing Label No. EV552679803US

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Sixth Named Inventor: Name:	Date:	
Richard John Bomb	ard	
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Name: Philip Waldron Herr	Date:	
Philip Waldron Herr	man, Jr.	
Witness Signature:		
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Witness Address:		

Page 3 of 3