A. Patent Application No.(s)  Additional numbers attached: YES X NO  5. Name and address of party to whom correspondence concerning document should be mailed:  Leo Peters LSI Logic Corporation  A. Patent Application No.(s)  B. Patent No.(s)  Additional numbers attached: YES X NO  6. Total number of applications and patents involved: ONE  7. Total fee (37 CFR 3.41)  Substitute of the application is:  YES X NO  5. Name and address of party to whom correspondence concerning document should be mailed:  YES X NO  6. Total number of applications and patents involved: ONE  7. Total fee (37 CFR 3.41)  Substitute of the application is:  YES X NO  6. Total number of applications and patents involved: ONE  7. Total fee (37 CFR 3.41)  Substitute of the application is:  YES X NO  6. Total number of applications and patents involved: ONE  7. Total fee (37 CFR 3.41)  Substitute of the application is:  YES X NO  6. Total number of applications and patents involved:  YES X NO  6. Total number of applications and patents involved:  YES X NO  Additional numbers attached:  YES X NO  COME	FORM PTO-1595	09-13-2	2002	U.S. DEPARTMEN	NT OF COMMERCE	=
1. Name of conveying party(les): Christopher L. Hamlin 310 Jensen Springs Road Los Gatos, CA 95033  Additional name(s) of conveying party(les) attached?    YES	1-31-92			Patent	and Trademark Office	)
Christopher L. Hamilin 310 Jensen Springs Road Los Gatos, CA 95033  Additional name(s) at conveying party(les) attached?  YES NO  Noture of conveyance:  Assignment		102221	222			
Solid Jensen Springs Road   Additional name(s) of conveying party(les) attached?   YES   NO   No   YES   NO   No   YES   NO   No   YES   NO   No   No   No   No   No   No   No	<ol> <li>Name of conveying party(ies):</li> </ol>	Name and address of receiving party(ies):				
YES   NO   YES   NO   No   YES   NO   No   No   No   No   No   No   No	310 Jensen Springs Road		1551 McCarthy Blvd.			
Additional numbers attached: YES NO  A. Patent Application No.(s)  B. Patent No.(s)  A. Patent Application No.(s)  A. Total number of applications and patents involved: ONE  7. Total fee (37 CFR 3.41)  Account 12-2252 in the amount of \$40.00. Placed in any over-payment or charge any unpayment to Deposit Account 12-2252.  Altoch duplicate copy of this page if paying by deposit account 1.  Patent No.(s)  D. NOT USE THIS SPACE  DO NOT USE THIS SPACE						
Change of Name  Execution Date: August 27, 2002  4. Application number(s) or patent number(s):  Serial Nº Filed: June 27, 2002  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: YES NO  5. Name and address of party to whom correspondence concerning document should be mailed:  Leo Peters  LSI Logic Corporation Intellectual Property Law Department 1551 McCarthy Blvd. Milipitas, CA 95035  DO NOT USE THIS SPACE  To the best of my knowledge and belief, the foregoing information is true and correct and any attached.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached.	3. Nature of conveyance:				· · · · · · · · · · · · · · · · · · ·	
Execution Date: August 27, 2002  4. Application number(s) or patent number(s):  Serial Nº Filed: June 27, 2002  If HTIS 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:  YES X NO  5. Name and address of party to whom correspondence concerning document should be mailed:  Leo Peters  LSI Logic Corporation Intellectual Property Law Department 1551 McCarthy Blvd. Milipitas, CA 95035  Milipitas, CA 95035  DO NOT USE THIS SPACE  To the best of my knowledge and belief, the foregoing information is true and correct and any attached:  To the best of my knowledge and belief, the foregoing information is true and correct and any attached:  To the best of my knowledge and belief, the foregoing information is true and correct and any attached.	X Assignment	erger	□se	curity Agreement	t	
4. Application number(s) or patent number(s):  Serial Nº Filed: June 27, 2002  If HTG 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: YES XI NO  5. Name and address of party to whom correspondence concerning document should be mailed:  Leo Peters LSI Logic Corporation Intellectual Property Law Department 1551 McCarthy Blvd. Milpitas, CA 95035  DO NOT USE THIS SPACE  DO NOT USE THIS SPACE  To the best of my knowledge and belief, the foregoing information is true and correct and any attached.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached.	☐ Change of Name					
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LSI Logic Corporation Intellectual Property Law Department 1551 McCarthy Blvd. Milpitas, CA 95035  Account 12-2252 in the amount of \$40.00. Ple credit any over-payment or charge any un payment to Deposit Account 12-2252.  (Attach duplicate copy of this page if paying by deposit account).  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attach	mailed:		7. Total fee (37 CFR 3.41) \$ 40.00			
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William J. Breen, III, Reg. No. 45,313  DATE: August 30, Total number of pages including cover sheet: O	William J. Breen, III, Reg. No. 45,3	_ 13	Total num		•	

PATENT REEL: 013273 FRAME: 0165

## ASSIGNMENT OF APPLICATION

Docket Number: 02-0560

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

## I, the undersigned,

do hereby sell, assign, and transfer to:

LSI LOGIC CORPORATION, a corporation of Delaware, having a place of business at 1551 McCarthy Boulevard, 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:

## Scale-Invariant Topology and Traffic Allocation in Multi-Node System-On-Chip Switching Fabrics

in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other application 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 received 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, in said Assignee, its successors, assigns and legal representatives; and 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

Christopher L. Hamlin

RECORDED: 09/09/2002

Date: 8/27/02 Witness Signature: <u>U</u>

Witness Printed Name: Manu

Witness Address: LSI Logic Corporation Intellectual Property

Corporate Legal Department 1551 McCarthy Blvd., MS D-106

Milpitas, California 95035

PATENT REEL: 013273 FRAME: 0166