	-08-1999 ————			
FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE	Patent and Trademark Office			
To the Honorable Commissioner of Patents and Trademarks. Ple.)1165609			
1. Name of conveying party(ies): Graham Kirsch Simon Kershaw Additional name(s) of conveying party(ies) attached to the second of the second	2. Name and address of receiving party(ies): Name: LSI Logic Corporation Internal Address: 1551 McCarthy Boulevard City Milpitas State CA ZIP 95035 Additional name(s) & address(es) attached? Yes No			
Assignment Merger Security Agreement Change of Name Other Execution Date: September 25, 1999				
 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution 	n date of this application is:			
A. Patent Application No.(s) B. P 09/262,816	atent No.(s)			
Additional numbers atta	ached? Yes No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: B. Not!l Kivlin				
Internal Address: Conley, Rose & Tayon, P.C.				
Street Address: P.O. Box 398				
City Austin State TX ZIP 78767-0398				
TOTAL CONTRACTOR OF THE CONTRA	7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number:			
	(Attach a 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 an	d correct and any attached copy is a true copy of the original document.			
B. Noël Kivlin	10-1-99			
Name of Person Signing Reg. No. 34,876	Date Total number of pages: 2			
OMB No. 0651-011 (exp.4/94)	Total number of pages: 3			

PATENT REEL: 010284 FRAME: 0670 Docket No.: P-3577 PATENT

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, 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,	
(X)	which was filed on March 5 19 99 and assigned Serial No. 09/262,816	_

and is entitled: "MICROPROCESSOR DEBUGGING" and 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

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.

Name:		Date: , 19	999	Witness:
	Graham Kirsch	,		
				Witness:
				Printed
Name:_	Mershau	Date: 9/11 , 19	999	Witness:
	Simon Martin Kershaw			
				Witness: BRENDON SLADE
				Printed

Assignment

PATENT REEL: 010284 FRAME: 0671 Docket No.: P-3577 PATENT

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, 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,
(X)	which was filed on March 5	19 <u>_99</u>	and assigned Serial No. 09/262,816

and is entitled: "MICROPROCESSOR DEBUGGING" and 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

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.

Name:_	Ci-Kay D	Date:, 15	999 Wi	tness:
	Graham Kirsoh		1.4.0	tness: A.W.I. BURGAD
			Wı	tness: <u>A・W.1・ おりにまれり</u> Printed
				Filited
Name:_		Date:, 19	999 Wi	tness:
	Simon Martin Kershaw			
			Wi	tness:
				Printed

Assignment

RECORDED: 10/05/1999

PATENT REEL: 010284 FRAME: 0672