FORM PTO-1595	12-17-2	002	J.S. DEPARTMENT	
1-31-92				tent and Trademark Offic
1. Name of conveying party(ies):	102313	327	andress of receiving party(ie	S): "S10
Gary P. McClannahan Gary S. Delp 1015 Alberta Drive NE Rochester, MN 55906 Rochester, M	p venue SW	LSI Logic Cor 1551 McCarth Milpitas, CA 9	poration y Blvd.	10/316
George W. Nation 6260 Hidden Hollow Crt SE Eyota, MN 55934	1/02	ĺ		ň =
Additional name(s) of conveying party(ies) attached?	Additional name(s) and Address(es) attached:?			
YES X NO		☐ YES	X NO	
3. Nature of conveyance:				
X Assignment	Merger			Security Agreement
Change of Name	Other		_	
Execution Date: December 10, 2002, Decem	nber 10, 2002 and Do	ecember 10, 200	2	
. Application number(s) or patent number	(s):			
Serial Nº:	Filed: December 11	, 2002 Express	s Mail Label №: EV 149 10	1 016 US
f this document is being filed together with a ne	w application, the exec	ution date of the a	pplication is: December 11, 2	002
A. Patent Application No.(s)		B. Patent No.(s)		
		l D vec	FI vo	
	onal numbers attached		X NO	
. Name and address of party to whom		6. Total number of applications and patents		
orrespondence concerning document shoul	d be	involved: Of		
nailed:	ļ	7. Total fee	(37 CFR 3.41)	\$ 40.0
Hipitas, CA 95035	4319 RADEMARK OFFICE	Please of payment to D	Deposit Account Nº 12-2252 credit any over-payment or cleposit Account 12-2252.	narge any under-
2002 GTON11 00000002 122252 10316510 201 40.00 CH 20. Statement and signature. To the best of my knowledge and belief, the	<u>) </u>	E THIS SPACE	rrect and any attached copy i	s a true copy of the
william J. Breen, III, Reg No. 45,313		T	DATE ber of pages comprising this	: December 11, 2002

PATENT REEL: 013571 FRAME: 0581

ASSIGNMENT OF APPLICATION

Docket Number: 02-5684

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

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,

and which is entitled:

Reconfigurable Memory Controller

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.

PATENT REEL: 013571 FRAME: 0582

First named inventor	
Name Long P McClannahan W Gary P. McClannahan W	Witness Signature <u>Stephanie</u> <u>Riddesso</u> Sitness Printed Name: <u>Stephanie</u> <u>Penklersen</u> Witness Address: <u>3Z30 49th St. Will</u> <u>Richester</u> , MN 55901
Name Sary S. Delp	Witness Signature Alphanie Reddersen Witness Printed Name: Stephanie Reddersen Witness Address: 3730 48th St. NW Lochester, MN 53901
Name Secret Watton George W. Nation	Witness Signature: <u>Stephenie Redensen</u> Witness Printed Name: <u>Stephanie Redensen</u> Witness Address: 3230 48th St. NW Rochester, MN 55901

RECORDED: 12/11/2002

PATENT REEL: 013571 FRAME: 0583