FORI PTO-1595 1-3' - 2		SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
To the Honorable Commissioner	102430215	ne attached original documents or copy thereof.		
1. If ame of conveying party(ies) Siz ket K. Goyal and Hunaid Hussain Add in nal name(s) of conveying party(ies) attached? Yes	41673	Name and address of receiving party(ies): Name: LSI LOGIC CORORATION Internal Address: 1551 McCARTHY BOULEVARD MILPITAS, CALIFORNIA 95035 1		
Nature of conveyance:		Street Address: SAME AS ABOVE		
Assignment		City:State:Zip: Additional name(s) and address(es) attached? □ Yes ⋈ No		
Exec tion Date: April 15, 2003 Application number(s) or patent number(s)	10/1/70	N7		
A Patent Application No.(s)	Additional numbers attac	B. Patent No.(s)		
 Name and address of party to whom corr document should be mailed: Name: Leo J. Peters, Reg. No. 33, 		Total number of applications and patents involved: 1		
In email Address: LSI LOGIC CORPORATION MS/D-106 1551 MCCARTHY BOULEVARD MILPITAS, CALIFORNIA 95035 SI set Address: SAME AS ABOVE		7. Total fee (37 CFR 3.41)		
Ci /:State:	Zip:	Authorized to be charged to deposit account 12-2252.		
23/2003 TDIAZ1 00000147 122252 1041700		8. Deposit account number: 12-2252 (Attach duplicate copy of this page if paying by deposit account)		
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Na ne of Person Signing	Signature	April 16, 2003 Date Total number of pages including cover sheet, attachments, and document:		

ASSIGNMENT OF APPLICATION

Docket Number: 02-6237

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:

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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

PATENT REEL: 013979 FRAME: 0650 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.

Inven	tors	
	CIVE	ŧ

Hunaid Hussain

Name _	Boyal	D :	Date:	04/15/03	
S	Saket K. Goyal				_

Date: __ 04 15 03 Name.

Witness Signature:

Witness Printed Name:

Witness Address:

RECORDED: 04/16/2003

PATENT REEL: 013979 FRAME: 0651