FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02 10-21-1999

/ER SHEET

Docket No.: 30454-00195

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
Name of conveying party(ies): Hosein Mohamad Zade	2. Name and address of receiving party(ies):
	Name: LSI Logic Corporation
med 10-18 98	Internal Address:
Additional names(s) of conveying party(ies)	The state of the s
3. Nature of conveyance:	Constitute of the second
★ Assignment	Street Address: 1551 McCarthy Boulevard
☐ Security Agreement ☐ Change of Name	
Other	City: Milpitas State: CA ZIP: 95035
Execution Date: October 8, 1999	Additional name(s) & address(es) attached? Yes No
Application number(s) or registration numbers(s):	
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)
09/320,239	
Additional numbers attac	hed? 🗌 Yes 🗵 No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Steven E. Shapiro	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: MITCHELL, SILBERBERG & KNUPP	☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	☐ Authorized to be charged to deposit account
Street Address: 11377 West Olympic Boulevard	8. Deposit account number:
City: Los Angeles State: CA ZIP: 90064	13-3735
DO NOT	USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document.	ation is true and correct and any attached copy is a true copy
Steven E. Shapiro	October 13, 1999
Name of Person Signing Total number of pages including cover st	Signature Date

PATENT REEL: 010313 FRAME: 0390

ASSIGNMENT OF APPLICATION

Docket Number: A3-4033

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 CCRPORATION, 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,

and which was filed on May 26, 1999 and assigned a Serial Number, 09/320,239

and which is entitled:

Method of Analog to Digital Converters

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.

First named inventor

Name

Hosein Mohamad Zade

Pate: 8,10,79

Witness Signature:

Witness Printed Name:

Witness Address: 20 DANE COVET October 8, 1999 CV PRTORN 6422 8CX SURREY

PATENT Page 1 of 1 **RECORDED: 10/18/1999** REEL: 010313 FRAME: 0391