09-03-2002

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(Rev. 03/01)102	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/2002)  Tab settings ⇔ ⇔ ♥ ▼	A A A A
	ks: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Agajan Suvkhanov  Mohammad Mirabedini  Additional name(s) of conveying party(ies) attached?  Yes X No	Name: LSI Logic Corporation Internal Address:
3. Nature of conveyance:	
🖆 Assignment 📮 Merger	
Security Agreement	1551 McCarthy Blvd.
OtherAugust 16, 2002	City: <u>Milpitas</u> State <u>CA</u> Zip:95035
Execution Date: August 13, 2002	Additional name(s) & address(es) attached? 📮 Yes 🔀 No
A. Patent Application No.(s)  Additional numbers a	B. Patent No.(s)  attached?   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: Barnes & Thornburg	7. Total fee (37 CFR 3.41)
Internal Address:	Enclosed
·	Authorized to be charged to deposit account
	8. Deposit account number:
Street Address:	12-2252
City: Indianapolis: IN Zip:46204	(Attach duplicate copy of this page if paying by deposit account)
DO NOT US	È THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing is a true copy of the original document.  Bradford G. Addison	information is true and correct and any attached copy  8-23-02
Name of Person Signing	Signature Date ver sheet, attachments, and documents:

Attorney Docket No .: .	31692-71102	
Client Reference No.:	02-0277	

## ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,		
Name(s)	Agajan Suvkhanov		
of Inventor(s)	Mohammad Mirabedini		
	maker(s) of an invention which is the subject of an application for Letters Patent of the United State ("Application") entitled		
Title of Application	METHOD FOR IMPLANTING IONS IN A SEMICONDUCTOR		
	the undersigned hereby sell(s), assign(s), and set(s) over to		
Name of Assignee	LSI Logic Corporation		
Address of principal	1551 McCarthy Blvd.		
place of pusiness	Milpitas, CA 95035		
Insert State of Incorporation (if applicable) or 'Not Applicable'	a corporation of Delaware		

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

PATENT REEL: 013235 FRAME: 0959

## ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

	ITNESS WHEREOF, I have execu	ted this assignment at <u>Greshan</u> , OR
this <u>13</u>	day of August	
Outside the US	BA: Manichi Eda	Aykaccol
Witnesses are	Witness	Inventor (Signature)
required when		
acknowledgme before a Notar		Agajan Suvkhanov
Public is not feasible.	Witness	Inventor (Printed Name)
	ITNESS WHEREOF, I have executday ofAugust	ted this assignment at
Outside the US	A:	
Witnesses are required when acknowledgme	Witness	Inventor (Signature)
before a Notary		Mohammed Mirabedini
perote a Morar		IATOTIBITITIES TATE BOCCHITE
Public is not feasible.	Witness	Inventor (Printed Name)

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PATENT REEL: 013235 FRAME: 0960

## ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITT	NESS WHEREOF, I have executed th	is assignment at
this	day of August	
Outside the USA:		
Witnesses are required when acknowledgment	Witness	Inventor (Signature)
before a Notary		Agajan Suvkhanov
Public is not feasible.	Witness	Inventor (Printed Name)
	NESS WHEREOF, I have executed the	is assignment at Santa Clara, CA
Outside the USA:	111 0 4	J. R. Olivabelia
Witnesses are required when	Witness	Inventor (Signature)
acknowledgment before a Notary	WEI- JEN HSIA	Mohammed Mirabedini
Public is not feasible.	Witness	Inventor (Printed Name)

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PATENT REEL: 013235 FRAME: 0961