05-14-2001

ASSIGNMENT RECORDATION

PATENTS ONLY

To: The Commissioner for Patents and Trademarks: Please record the attached original document(s) or copy(ies).

SUBMISSION TYPE:

New

CONVEYANCE TYPE:

Assignment

CONVEYING PARTY(IES):

Elyar E. Gasanov Andrej A. Zolotykh Ivan Pavisic Aiguo Lu **EXECUTION DATE OF ASSIGNMENT:**

2001.04.18 2001.04.18 2001.04.23 2001.04.23

RECEIVING PARTY:

LSI Logic Corporation 1551 McCarthy Boulevard M/S D-106

Milpitas CA 95035

CORRESPONDENT NAME AND ADDRESS:

LSI Logic Corporation Intellectual Property Department 1551 McCarthy Boulevard

M/S D-106

Milpitas CA 95035

1.408.433.6404

APPLICATION NUMBER(S):

#

PATENT NUMBER(S):

#

If this document is being filed together with a new application, the date the patent application was signed by the first named executing inventor is: 2001.04.18

NUMBER OF PROPERTIES:

TOTAL PAGES OF ASSIGNMENT:

FEE AMOUNT:

1

\$40.00

A check for this amount is enclosed. Please charge any additional fees or credit to

deposit account number 12-2252.

STATEMENT AND SIGNATURE

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Date

Rick Barnes, 39,596

56294.acl.doc

PATENT REEL: 011779 FRAME: 0891 Assignment 00-681

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:

Assignee name:

LSI Logic Corporation, a Delaware corporation

Assignee address:

1551 McCarthy Boulevard, Milpitas CA 95035

its successors, assigns, and legal representatives (collectively referred to as "Assignee"), the entire right, title and interest for the United States and all foreign countries, in and to any all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith unless the box below is checked.

[] which was filed on:
and assigned serial number:

and is entitled:

Assignment of Cell Coordinates

and in and to the 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 the 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 the improvements; and in and to all rights of priority resulting from the filing of the United States application; and

Agree that the Assignee may apply for and receive Letters Patent for the improvements in its own name; and that, when requested, without charge to, but at the expense of, the Assignee, to carry out in good faith the intent and propose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all the improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to the improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications to patents and all patents on the improvements, in the Assignee; and

Covenant with the Assignee 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.

Elyar E. Gasanov	Witness signature	Witness address ul. Koptovskaya, 18-V-114 Moscow, 125239, Russia
Date 04/13/300/	Witness name Anisimov	
		Witness address Whitness address Whitness address Whitness address
Andrej A. Zolotykh	Witness signature	al. Kapterskaye, 18-V-117 Moscow, 125239, Russia
Date 04/18/2001	Witness name Anisi wov	

		Witness address	
Ivan Pavisic	Witness signature		
Date	Witness name		
		Witness address	
Aiguo Lu	Witness signature		
Date	Witness name		

Assignment 00-681

For good and	valuable	consideration,	the receipt	and	sufficiency	of	which	is	hereby	acknowledged,	I/we,	the
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IJ	which was filed on: and assigned serial number:	Value in the second sec
and is entitled:	Assign	nment of Cell Coordinates

and in and to the 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 the 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 the improvements; and in and to all rights of priority resulting from the filing of the United States application; and

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		Witness address	
Elyar E. Gasanov	Witness signature		
Date	Witness name		

		Witness address	
Andrej A. Zolotykh	Witness signature		
Date	Witness name		

	1 (316 Roland Gardens, Hosesto, C.
J- P-10	Chlen Milarned Witness address 25355
Ivan Pavisic	Witness signature
4/23/2001	ARLENE MCCOrmack
Date	Witness name

Aiguo Lu

O 4/23/200|

Date

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Witness address 95355

Witness signature

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ARLENE MC ORMORE
Witness name

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RECORDED: 04/25/2001