PATENT R 10.17.03 CO	Attorney Docket No. 03-2065/L13.12-0255
To the Honorable Dir 102588358 attached original document or copy thereof.	ent and Trademark Office: Please record t
<ol> <li>Name of conveying party(ies):</li> <li>(1) Alexander E. Andreev</li> <li>(2) Andrey A. Nikitin</li> </ol>	<pre>2. Name and address of receiving party(ies):</pre>
(3) Ranko Scepanovic	Name: LSI Logic Corporation
Additional name(s) of conveying party(ies)	Street Address: 1621 Barber Lane
attached? [ ] Yes [ ] No	City Milpitas State CA ZIP 9503
	Additional name(s) & address(es) attached [ ] Yes [ ] No
3. Nature of Conveyance:	
[X] Assignment [ ] Merger	00
[ ] Security Agreement [ ] Change of Name	8.8.
Execution Date: 1) & 2) October 15, 2003; 3) October 13, 2003.	148 U
4A. Application No.(s)	4B. Patent No.(s)
If this document is being filed together with a new application, the execution date(s) of the application is: 1) & 2) October 15, 2003; 3) October 13, 2003.  Additional numbers attached? [ ] Yes [ ] No	Additional numbers 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: [1]
Name: Leo J. Peters Street Address: LSI Logic Corporation Legal Department - IP 1621 Barber Lane M/S D-106 City Milpitas State CA ZIP 95035	
-	7. Total fee (37 CFR 3.41):\$ 40.00
/29/2003 GTOH11 00000079 122252 10688460 FC:8021 40.00 DA	8. Method of Payment [] Enclosed [X] The Director is authorized to charge payment of any additional recording fees or credit any overpayment to deposit account No. 12-2252.
DO NOT USE TH	IS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregonattached copy is a true copy of the original documents.	
David D. Brush Name of Person Signing	

Signature

PATENT REEL: 014632 FRAME: 0017

Total number of pages submitted: [3]

Attorney	Docket	No.	03-2065/L13	.12-0255
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PATENT

ASSIGNMENT For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned Alexander E. Andreev, Andrey A. Nikitin, and Ranko Scepanovic do hereby sell, assign, and transfer to LSI LOGIC CORPORATION, a corporation of Delaware, having a place of business at 1621 Barber Lane, MS D-106, 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 Fatent. Letters Patent,

a provisional application for Letters Patent which is identifiable in the United Patent and Trademark Office by Application No.	
filed on ;	
[X an application for Letters Patent which is identifiable in the United States Pat	
	iled on
even date, 03-2065/L13.120255, and/or executed on even date herewith; and	
an international application for Letters Patent filed pursuant to the Patent Coc	
Treaty which is identifiable in the United States Receiving Office by Application	on No.
filed on	i

and is entitled: PROCESS AND APPARATUS FOR FAST ASSIGNMENT OF OBJECTS TO A RECTANGLE in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Fatent 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 criginal 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 the filing of said Caited States and 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 cut in good faith the intent and purpose of this Assignment, the undersigned will executed all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; executed all rightful oaths, assignments, powers of attorney and other patents. papers; communicate to said Assigned, 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 properly 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.

Name:

exander E. Andreev

Date 10/15/03

Witness Printed:

Withess

Address:

40764 GUALALA PL

FREMONT LA 94539 Name: AMM

Witness: Amy Washioka Balish

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Name: Ranko Scepanovio

Witness: Ann Ushida Balish

Witness AMY YOSHIOKA BALISH

Witness A0764 GUALALA PL FREMONT, LA 94539 Date 10-15-03

Date 10/15/03

Date 10-13-03

Date 10/13/03

**RECORDED: 10/17/2003** 

PATENT REEL: 014632 FRAME: 0019