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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket No. 02-5868 73970 Tet the Commissioner for Patents: Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): Mikhail I. Grinchuk Ranko Scepanovic Ghasi R. Agrawal LSI Logic Corporation 1551 McCarthy Boulevard Additional name(s) of conveying party(ies) attached? Milpitas, CA 95035 [ ] Yes [x ] No 3. Nature of conveyance: [x] Assignment [] Merger [] Security Agreement [] Change of Name [ ] Other Execution Date of each conveying party: March 4, 2003; March 3, 2003; March 5, 2003 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application for each conveying party is: March 4, 2003; March 3, 2003; March 5, 2003 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? [ ] Yes [ x] No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 LSI LOGIC CORPORATION 1551 McCarthy Blvd. [ ] Enclosed Milpitas, CA 95035 [x] Authorized to be charged to deposit account should the fee (408) 433-8708 not be enclosed. 8. Deposit account number: 12-2252 4/02/2003 ECOOPER 00000070 122252 10328700 DO NOT USE THIS SPACE 01 FC:8021 40.00 CH 9. 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. March 17, 2003 Date Registration No. 38,657

10. Total number of pages including cover sheet, attachments and document: 2

PATENT REEL: 013905 FRAME: 0075 Docket No.: 02-5868 73970

**RECORDED: 03/25/2003** 

Patent

<u>A S S I G N M E N T</u>		
assign, and transfer to: LSI LOGIC CORPORA Boulevard, Milpitas, California 95035, ("Assign	ko Scepanovic and Ghasi R ATION, a corporation of Delee"), its successors, assigns	hereby acknowledged, I/WE, the undersigned, Agrawal do hereby sell, aware, having a place of business at 1551 McCarthy, and legal representatives, the entire right, title and nventions and improvements which are disclosed in
( ) which has been executed by the und (x) which was filed on12/23	dersigned concurrently here, 2002 and assigned Serial	with, Number <u>10/328,700</u> .
have been or shall be filed in the United States and	ng, substitute, renewal, reissu all foreign countries on any d in the United States and all	e, and all other applications for Letters Patent which of said improvements; and in and to all original and foreign countries on said improvements; and in and
Agree that said Assignee may apply for and receive without charge to, but at the expense of, said Assignee the intent and purpose of this Assignment, the undeall other patent applications on any and all said impopers; communicate to said Assignee, its success said improvements and the history thereof; and get representatives shall consider desirable for aiding if for vesting title to said improvements and all applications.	gnee, its successors, assigns ersigned will execute all divi rovements; execute all rights ors, assigns, and representat enerally do everything possil n securing and maintaining p	ful oaths, assignments, powers of attorney and other ives, all facts known to the undersigned relating to ble which said Assignee, its successors, assigns or proper patent protection for said improvements and
Covenant with said Assignee, its successors, assign agreement affecting the rights and property herein convey the same as herein expressed is possessed to the same as herein expressed in the same as herein ex	conveyed has been made t	at no assignment, grant mortgage, license, or other o others by the undersigned, and that full right to
Name: Mikhail Grinchuk  Mikhail I. Grinchuk  2101 California St. #128  Mountain View, GA 94040  SAN SOSE	Date: 3-4-03 HLAGE LANE #31B , CA 95134	Witness: Amy Joshioka Balish Printed
Ranko Scepanovic 1063 Avondale Street San Jose, CA 95129	Date: 3-3-03	Witness: Amy Tostioka Baush Printed
Ghasi R. Agrawal 1633 Canary Drive Sunnyvale, CA 94087	Date: 3-5-03	Witness: Any Yoshioka Balish Printed

**PATENT REEL: 013905 FRAME: 0076**