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03-11-2002 

U.S. DEPARTMENT OF COMMERCE

"Express Mail" No. EV015651555US	102008674		Attorney Docket No. 01-785	
To the Commissioner for Patents: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies):  Radoslav Ratchkov 2 - 20		of receiving party(ies):	PT0	
Additional name(s) of conveying party(ies) a [ ] Yes [x ] No	1551 McCart	LSI Logic Corporation 1551 McCarthy Boulevard Milpitas, CA 95035		
3. Nature of conveyance:	Milpitas, CA			
[x Assignment [] Merger [] Security Agreement [] Change of Nam [] Other	ne		11 <b>=</b>	
Execution Date: February 13, 2002				
4. Application number(s) or patent number(s): 10082027				
If this document is being filed together with a new application, the execution date of the application is: February 13, 2002				
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attached? [ ] Yes [ x]	No			
5. Name and address of party to whom corre concerning document should be mailed:	espondence 6. Total number of app	6. Total number of applications and patents involved: 1		
LSI LOGIC CORPORATION	7. Total fee (37 CFR 3	3.41): \$ 40.00		
1551 McCarthy Blvd. Milpitas, CA 95035 (408) 433-8708	[ ] Enclosed [x] Authorized to be c	[ ] Enclosed [x] Authorized to be charged to deposit account		
. ,	8. Deposit account nu	8. Deposit account number: 12-2252		
DO NOT USE THIS SPACE				
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.				
Eric J. Whitesell Registration No. 38,657		Febr	uary 20, 2002 Date	
10. Total number of pages including cover sheet, attachments and document: 2				

03/08/2002 DBYRNE 00000185 122252 10082027 01 FC:581

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**PATENT REEL: 12645 FRAME: 0687**  Docket No.: 01-785 71753

Patent

## **ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, the undersigned,  Radoslav Ratchkovdo hereby sell, assign, and transfer to: LSI LOGIC
Radoslav Ratchkov do hereby sell, assign, and transfer to: LSI LOGIC CORPORATION, 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,
(x) which has been executed by the undersigned concurrently herewith, ( ) which was filed on, 20 and assigned Serial Number
and is entitled: WIRE BOND PACKAGE WITH CORE RING FORMED OVER I/O CELLS and 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.
Name: Date: 2 13 de02 Witness: Witness: Witness: Mark San Jose, CA 95128

PATENT REEL: 12645 FRAME: 0688

**RECORDED: 02/20/2002**