

RECORDATION FORM COVID-19 PATENTS ONLY



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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (1) Saket GOYAL (2) James NGO		2. Name and address of receiving party(ies): Name: LSI Logic Corporation Street Address: 1621 Barber Lane City: Milpitas State: CA Zip: 95035	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.		Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment		Execution dates: (1) May 17, 2004 (2) Same	
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 is: May 17, 2004 and Same.			
A. Patent Application No.(s)		B. Patent No.(s)	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sandeep Jaggi LSI Logic Corporation IP Law Department Address: 1621 Barber Lane, M/S D-106 Milpitas, CA 95035		6. Total number of applications and patents involved: One	
		7. Total fee (37 CFR 3.41)..... \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
		8. Deposit account number: 12-2252 (LSI Logic Corporation) (Attach duplicate copy of this page if paying by deposit account)	
9. Statement and signature. <i>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.</i>			
Stephen G. Sullivan		May 18, 2004	
Name of Person Signing		Date	

05/21/2004 ECOOPER 00000043 122252 10847691

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Total number of pages including cover sheet, attachments, and documents: **2**

PATENT
REEL: 015345 FRAME: 0264

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned, **Saket GOYAL and James NGO**, do hereby sell, assign, and transfer to: **LSI Logic Corporation**, a corporation existing under the laws of the state of Delaware, having a principal place of business at 1621 Barber Lane, Milpitas, CA 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 improvements which are disclosed in the application for the United States Letters Patent,

☒ which has been executed by the undersigned concurrently herewith,

☐ which was filed on _____ and assigned Serial No: _____

and is entitled:

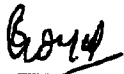
**METHOD FOR CREATING A JTAG TAP CONTROLLER IN A SLICE
FOR USE DURING CUSTOM INSTANCE CREATION TO AVOID
THE NEED OF A BOUNDARY SCAN SYNTHESIS TOOL SCAN
SYNTHESIS TOOL DURING CUSTOM INSTANCE CREATION**

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

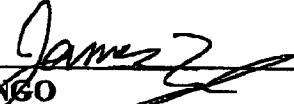
Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, 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 for 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.

Signed:

Name: 
Saket GOYAL

Date: 5/17/04

Name: 
James NGO

Date: 5/17/04