08-10-2004

102810559

Docket No: 040670/3198P

EPARTMENT 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): 7.30.04	2. Name and address of receiving party(ies):
(1) Vikram SHROWTY	Name: LSI Logic Corporation
(2) Raman SANTHANAKRISHNAN	Street Address: 1621 Barber Lane
(=) = =================================	City: Milpitas State: CA Zip: 95035
Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No.	Additional name(s) and address(es) attached? ☐ Yes ■ No.
3. Nature of conveyance: <b>Assignment</b>	Execution dates: (1) July 30, 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: July 30, 2004 and Same.	
160X283/	
A. Patent Application No.(s) 10903836	B. Patent No.(s)
Additional numbers attached? □Yes ■No	
5. Name and address of party to whom	6. Total number of applications and patents involved: <b>One</b>
correspondence concerning document should	
be mailed:	
Nome: Condoon Inggi	7. Total fee (37 CFR 3.41)
Name: Sandeep Jaggi LSI Logic Corporation	☐ Enclosed
IP Law Department	Authorized to be charged to deposit account
Address: 1621 Barber Lane, M/S D-106	8. Deposit account number: <u>12-2252</u> (LSI Logic Corporation)
Milpitas, CA 95035	(Attach duplicate copy of this page if paying by deposit account)
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.	
Stephen G. Sullivan	July 30, 2004
Name of Person Signing Sig	nature Date
<u></u>	

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

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RECORDATION FORM COVER SHEE

PATENTS ONLY

PATENT REEL: 015652 FRAME: 0049

## **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned, Vikram SHROWTY and Santhanakrishnan RAMAN, 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:
ACCURATE DENSITY CALCULATION WITH DENSITY VIEWS IN LAYOUT DATABASES
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: 07/30/2004  Vikram SHROWTY
Vikram SHROWTY  Name: Standard Date: 07/30/2004  Santhanakrishnan RAMAN

RECORDED: 07/30/2004

PATENT REEL: 015652 FRAME: 0050