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DEPARTMENT OF COMMERCE

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To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Balamurugan Balasubramanian
Juergen Lahner
Srinivas Adusumalli

2. Name and address of receiving party(ies):

LSI Logic Corporation
1551 McCarthy Boulevard
Milpitas, CA 95035

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date of each conveying party: May 12,
2003; May 12, 2003; May 12, 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: May 12, 2003; May 12, 2003; May 12, 2003

10,438,530

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:LSI LOGIC CORPORATION
1551 McCarthy Blvd.
Milpitas, CA 95035
(408) 433-8708

6. Total number of applications and patents involved: 1

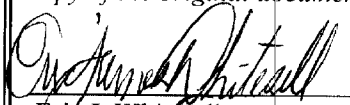
7. Total fee (37 CFR 3.41): \$ 40.00

☐ Enclosed
☒ Authorized to be charged to deposit account should the fee
not be enclosed.

8. Deposit account number: 12-2252

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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

May 14, 2003

Date

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

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PATENT
REEL: 014082 FRAME: 0859

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, the undersigned, Balamurugan Balasubramanian, Juergen Lahner and Srinivas Adusumalli 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: ADVANCED DESIGN FORMAT LIBRARY FOR INTEGRATED CIRCUIT DESIGN SYNTHESIS AND FLOORPLANNING TOOLS 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.

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