

05-08-2003

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Attorney Docket No. 01-732 81517

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

1. Name of conveying party(ies):
Juergen Lahner
Kiran Atmakuri
Kavitha Chaturvedula
Balamurugan Balasubramanian
Kirshna Devineni
Srinivas Adusumalli
Randall P. Fry
Gregory A. Pierce

4-30-03

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

LSI Logic Corporation
1551 McCarthy Boulevard
Milpitas, CA 95035

JC997 U.S. PTO
10/427609
04/30/03

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: April 25, 2003; April 25, 2003; April 25, 2003; April 25, 2003; April 25, 2003; April 25, 2003; April 28, 2003; April 25, 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: April 25, 2003; April 25, 2003; April 25, 2003; April 25, 2003; April 25, 2003; April 25, 2003; April 28, 2003; April 25, 2003

A. Patent Application No.(s)
Additional numbers attached? Yes No

B. Patent No.(s)

5. 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

05/07/2003 TB1A21 0000097 122252 10427609
01 FC:8021 40.00 CH

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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

April 30, 2003
Date

10. Total number of pages including cover sheet, attachments and document: 7

ASSIGNMENT


For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, the undersigned, Juergen Lahner, Kiran Atmakuri, Kavitha Chaturvedula, Balamurugan Balasubramanian, Krishna Devineni, Srinivas Adusumalli, Randall P. Fry and Gregory A. Pierce 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 _____.

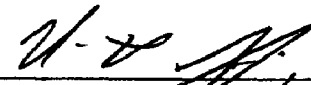
and is entitled: AUTOMATED ANALYSIS OF RTL CODE CONTAINING ASIC VENDOR RULES and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any 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

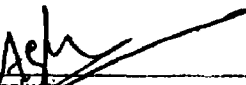
Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment,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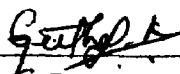
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Gregory A. Pierce
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Witness: _____

Witness: _____
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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

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Sunnyvale, CA 94089

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Balamurugan Balasubramanian
804 E. Dana Street
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Docket No.: 01-732
81517

Patent

Page 2

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Date: 04/28/03

Witness: Elizabeth P. Fry
Witness: Elizabeth P. Fry
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Name: _____
Gregory A. Pierce
372 Erickson Road
Ashby, MA 01431

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Page 2

Patent

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Witness:
Printed Elis D. Pierce