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01-372

FORM PTO-1595 1-31-92

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Viswanathan Lakshmanan, Cristian T. Crisan, Balaji Ekambaram and Eugene V. Anikin
Additional name(s) of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies):
Name: LSI LOGIC CORORATION
Internal Address: 1551 MCCARTHY BOULEVARD
MILPITAS, CALIFORNIA 95035
Street Address: SAME AS ABOVE
City: State: Zip:
Additional name(s) and address(es) attached? [] Yes [X] No

3. Nature of conveyance:
[X] Assignment [] Merger
[] Securing Agreement [] Change of Name
[] Other
Execution Date: Viswanathan Lakshmanan- October 2, 2001; Cristian T. Crisan, Balaji Ekambaram and Eugene Anikin- October 8, 2001

4. Application number(s) or patent number(s): 09/973,153
If this document is being filed together with a new application, the execution date of the application is: October 9, 2001
Patent Application No.(s) B. Patent No.(s)
Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Leo J. Peters
Internal Address: LSI LOGIC CORPORATION MS/D-106 1551 MCCARTHY BOULEVARD MILPITAS, CALIFORNIA 95035
Street Address: SAME AS ABOVE
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6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)..... \$ 40.00
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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.
JAMES R. FOLEY Name of Person Signing
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January 11, 2002 Date
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10-22-2001



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FORM PTO-1595 1-31-92

U.S. DEPARTMENT OF COMMERCE 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)

LAKSHMANAN, CRISAN, EKAMBARAM and ANIKIN

10/09/01

Additional name(s) of conveying party(ies) attached? Yes No

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

Name: LSI LOGIC CORPORATION

Internal Address: 1551 McCARTHY BOULEVARD

MILPITAS, CALIFORNIA 95035

Street Address: SAME AS ABOVE

City: State: Zip:

Additional name(s) and address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Securing Agreement Change of Name
- Other _____

Execution Date: Lakshmanan- October 2, 2001; Crisan, Ekambaram and Anikin- October 8, 2001

4. Application number(s) or patent number(s):

09/973153

If this document is being filed together with a new application, the execution date of the application is: October 9, 2001

To be assigned

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Leo J. Peters

Internal Address: LSI LOGIC CORPORATION MS/D-106 1551 MCCARTHY BOULEVARD MILPITAS, CALIFORNIA 95035

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1

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8. Deposit account number:

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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.

JAMES R. FOLEY Name of Person Signing

James R. Foley Signature

October 9, 2001 Date

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

3

ASSIGNMENT OF APPLICATION**Docket Number:** 01-372

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged.

We, the undersigned,

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,

which has been executed by the undersigned concurrently herewith,

and which is entitled:

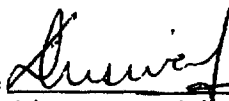
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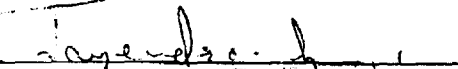
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Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry 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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Inventors

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Cristian T. Crisan

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Eugene V. Anikin

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