

RECORDATION FORM COVER SHEET
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10-06-2003



US Department of Commerce
Patent & Trademark Office

To the Assistant Commissioner of Patents.

102566313

cuments or copy thereof.

1. Name of conveying party(ies): (IN COUNTERPART)

(1) Lihui CAO
(2) Prasad SUBBARAO
(3) David GRADIN
(4) Maad AL-DABAGH
(5) Weidan LI

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

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) & address(es) attached?
☐ Yes ☒ No

3. Nature of conveyance:

Execution dates: (1) September 15, 2003 (4) September 17, 2003
(2) September 21, 2003 (5) September 16 2003
(3) September 21, 2003

☒ Assignment Correction
Document ID No. 102419074

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

A. Patent Application No.(s)
10/407,065, filed April 3, 2003

Additional numbers attached? ☐ Yes ☒ No

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Sandeep Jaggi
Internal Mail Stop D-106
Address: LSI Logic Corporation
Street 1621 Barber Lane
Address: Milpitas, California 95035

6. Total Number of applications and patents
involved: One

7. Total fee (37 CFR 3.41).....\$ 40.00
☐ Enclosed
☒ Authorized to be charged to Deposit Acct.

8. Deposit Account Number: 12-2252
LSI Logic Corporation
(Attach copy of this page)

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.

September 26, 2003
Date

Stephen G. Sullivan, Reg. No. 38,329

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Total number of pages including cover sheet, attachments, and documents: 4

PATENT
REEL: 014555 FRAME: 0075

RECORDATION FORM COVER SHEET
PATENTS ONLY

04-14-2003

Attorney Docket: 030159/2781P

US Department of Commerce
Patent & Trademark Office

To the Assistant Commissioner of Patents: Plk

102419074

documents or copy thereof.

1. Name of conveying party(ies): (IN COUNTERPART)

(1) Lihui CAO
(2) Prasad SUBBARAO
(3) David GRADIN
(4) Maad AL-DABAGH
(5) Weldon LI

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

Name: LSI Logic Corporation
Street Address: 1551 McCarthy Boulevard
City: Milpitas State: CA ZIP: 95035

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

Additional name(s) & address(es) attached?
☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

Execution dates:

(1) March 31, 2003
(2) March 31, 2003
(3) March 31, 2003

(4) April 2, 2003
(5) March 31, 2003

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

10,407,065

If this document is being filed together with a new application, the execution date of the application is
March 31, 2003, March 31, 2003, March 31, 2003, April 2, 2003, and March 31, 2003.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom
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Name: Sandeep Jaggi
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Address: LSI Logic Corporation
Street 1551 McCarthy Boulevard
Address: Milpitas, California 95035

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involved: One

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

☐ Enclosed

☒ Authorized to be charged to Deposit Acct.

8. Deposit Account Number: 12-2252

LSI Logic Corporation
(Attach copy of this page)

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.

April 3, 2003

Date

Stephen G. Sullivan, Reg. No. 38,329

Total number of pages including cover sheet, attachments, and documents: 4

PATENT
REEL: 014555 FRAME: 0076

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned Lihul CAO, Prasad SUBBARAO, David GRADIN, Maad AL-DABAGH, and Weidan LI do hereby sell, assign, and transfer to: LSI Logic Corporation, a corporation of the state of Delaware, having a principal place of business at 1621 Barber Lane, 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 improvements which are disclosed in the application for United States Letters Patent,

[] which has been executed by the undersigned concurrently herewith,

[X] which was filed on April 3, 2003, and assigned Serial No. 10/407,065,

and is entitled:


DECOUPLING CAPACITANCE ESTIMATION AND INSERTION FLOW FOR ASIC DESIGNS

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: 
Lihul CAO

Date: 9-15-2003

Name: _____
Prasad SUBBARAO


Date: _____

Name: _____
David GRADIN

Date: _____

Name: 
Maad AL-DABAGH

Date: 9/17/2003

Name: 
Weidan LI

Date: 9-16-2003

Witnessed by:  9/17/03

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned **Lihui CAO, Prasad SUBBARAO, David GRADIN, Maad AL-DABAGH, and Weldan LI** do hereby sell, assign, and transfer to: **LSI Logic Corporation**, a corporation of the state of Delaware, having a principal place of business at 1621 Barber Lane, 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 improvements which are disclosed in the application for United States Letters Patent,

[] which has been executed by the undersigned concurrently herewith,

[X] which was filed on April 3, 2003, and assigned Serial No. 10/407,065,

and is entitled:

DECOUPLING CAPACITANCE ESTIMATION AND INSERTION FLOW FOR ASIC DESIGNS

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: _____
Lihui CAO

Date: _____

Name: *S. Prasad*
Prasad SUBBARAO

Date: 9/21/03

Name: _____
David GRADIN

Date: _____

Name: _____
Maad AL-DABAGH

Date: _____

Name: _____
Weldan LI

Date: _____

Witnessed by: _____

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned Lihui CAO, Prasad SUBBARAO, David GRADIN, Maad AL-DABAGH, and Waidan LI do hereby sell, assign, and transfer to: LSI Logic Corporation, a corporation of the state of Delaware, having a principal place of business at 1621 Barber Lane, 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 improvements which are disclosed in the application for United States Letters Patent,

[] which has been executed by the undersigned concurrently herewith,

[X] which was filed on April 3, 2003, and assigned Serial No. 10/407,065,

and is entitled:

DECOUPLING CAPACITANCE ESTIMATION AND INSERTION FLOW FOR ASIC DESIGNS

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: _____
Lihui CAO

Date: _____

Name: _____
Prasad SUBBARAO

Date: _____

Name: David Gradin
David GRADIN

Date: 9/21/03

Name: _____
Maad AL-DABAGH

Date: _____

Name: _____
Waidan LI

Date: _____

Witnessed by: Brenda C. Gradin 9-21-03