

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

DOCKET NO. 01-476

U.S. Department of Commerce
Patent and Trademark Office
PATENT

01-14-2002

REI



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☐ Resubmission (Non-Recordation)
☐ Document ID #
☐ Correction of PTO Error
☐ Reel # Frame #
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Conveyance Type

- ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

- ☒ Mark if additional names of conveying parties attached

Name (line 1) Robert W. Moss

Execution Date
Month Day Year
10 16 01Name (line 2)

Second Party

Name (line 1) David O. Sluiter

Execution Date
Month Day Year
10 16 01Name (line 2)

Receiving Party

- ☐ Mark if additional names of receiving parties attached

Name (line 1) LSI Logic Corporation

Name (line 2)

Address (line 1) 1551 McCarthy Boulevard

Address (line 2)

Address (line 3) Milpitas,

CA

95035

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Address (line 1) Address (line 2) Address (line 3) Address (line 4)

01/14/2002

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 012441 FRAME: 0338

Correspondent Name and Address

Area Code and Telephone Number

(408) 433-8000

Name LSI Logic Corporation

Address (line 1) IP Legal Dept. M/S D-106

Address (line 2) 1551 McCarthy Boulevard

Address (line 3) Milpitas, CA 95035

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments

3

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
10 16 2001

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number as not been assigned.

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| PCT | | PCT | | PCT | |
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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40

Method of Payment:

Enclosed ☐

Deposit Account ☒

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

12-2252

Authorization to charge additional fees:

Yes ☒

No ☐

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. Charges to deposit account are authorized, as indicated herein.

Daniel N. Fishman

Name of Person Signing



Signature

1 Nov. 2001

Date

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PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

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State/Country

Zip Code

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Patent Application Number(s)

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Page 1 of 1

Docket No.: 01-476

Patent

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, the undersigned, **Robert W. Moss, David O. Sluiter, Alan R. Gilchrist, Darren Neuman** 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 _____ and assigned Serial No. _____

and is entitled: **ENHANCED BUS ARCHITECTURE FOR POSTED READ OPERATION BETWEEN MASTERS AND SLAVES** 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.

Name: Robert W. Moss
 Robert W. Moss

Date: 10/16/2001

Witness: Shuaibin Lin

Witness:
 Printed SHUAIBIN LIN

Name: David O. Sluiter
 David O. Sluiter

Date: 10-16-01

Witness: Shuaibin Lin

Witness:
 Printed SHUAIBIN LIN

Name: _____
 Alan R. Gilchrist

Date: _____

Witness: _____

Witness:
 Printed

Name: _____
 Darren Neuman

Date: _____

Witness: _____

Witness:
 Printed

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, the undersigned, **Robert W. Moss, David O. Sluiter, Alan R. Gilchrist, Darren Neuman** 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 _____ and assigned Serial No. _____

and is entitled: **ENHANCED BUS ARCHITECTURE FOR POSTED READ OPERATION BETWEEN MASTERS AND SLAVES** 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.

Name: _____ Date: _____ Witness: _____
Robert W. Moss
Witness: _____
Printed

Name: _____ Date: _____ Witness: _____
David O. Sluiter
Witness: _____
Printed

Name: Alan R. Gilchrist Date: 10/30/01 Witness: [Signature]
Alan R. Gilchrist
Witness: Munetoshi Fukami
Printed

Name: _____ Date: _____ Witness: _____
Darren Neuman
Witness: _____
Printed

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, IWE, the undersigned, Robert W. Moss, David O. Skuter, Alan R. Gilchrist, Darren Neuman 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 _____ and assigned Serial No. _____

and is entitled: **ENHANCED BUS ARCHITECTURE FOR POSTED READ OPERATION BETWEEN MASTERS AND SLAVES** 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

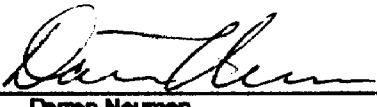
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Name: Robert W. Moss Date: _____ Witness: _____
Witness: _____
Printed

Name: David O. Skuter Date: _____ Witness: _____
Witness: _____
Printed

Name: Alan R. Gilchrist Date: _____ Witness: _____
Witness: _____
Printed

Name:  Date: 23-Oct-2001 Witness: Karen D. French Neuman
Witness: Karen D. French Neuman
Printed