

PATENT  
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11-08-2004



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To the Honorable D:  
attached original (

1. Name of conveying party(ies):  
(1) Vishnu Balan  
(2) Joseph P. Caroselli, Jr.  
(3) Ye Liu

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

3. Nature of Conveyance:

- ☒ Assignment [ ] Merger  
☐ Security Agreement  
☐ Change of Name [ ] Other \_\_\_\_\_

Execution Date: November 1, 2004

4A. Application No.(s)

If this document is being filed together with a  
new application, the execution date(s) of the  
application is: November 1, 2004

Additional numbers attached? [ ] Yes [ ] No

5. Name and address of party to whom corres-  
pondence concerning document should be mailed:

Name: Peter Scott  
Street Address: LSI Logic Corporation  
1551 Barber Lane  
M/S D-106  
City Milpitas State CA ZIP 95035

Attorney Docket No.  
04-1073/L13.12-0273

tent and Trademark Office: Please record the

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

Name: LSI Logic Corporation

Internal Address: \_\_\_\_\_

Street Address: 1621 Barber Lane

City Milpitas State CA ZIP 95035

Additional name(s) & address(es) attached?  
[ ] Yes [ ] No

U.S. PTO  
10/978755



110104

4B. Patent No.(s)

Additional numbers attached?  
[ ] Yes [ ] No

6. Total number of applications and  
patents involved: [1]

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

8. Method of Payment

- [ ] Enclosed  
☒ The Director is authorized to  
charge payment of any additional  
recording fees or credit any  
overpayment to deposit account  
No. 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.

David D. Brush  
Name of Person Signing

*David D. Brush*  
Signature

11/1/04  
Date

Total number of pages submitted: [3]

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned Vishnu Balan, Joseph P. Caroselli, Jr., Ye Liu, Chintan M. Desai, and Jenn-Gang Chern, do hereby sell, assign, and transfer to LSI LOGIC CORPORATION, a corporation of Delaware, having a place of business at 1621 Barber Lane, MS D-106, 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,

- ☐ a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_ filed on \_\_\_\_\_;
- ☐ an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_ filed on \_\_\_\_\_, 04-1073/L13.12-0273, and/or executed on even date herewith; and
- ☐ an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. \_\_\_\_\_ filed on \_\_\_\_\_;

and is entitled: SERIAL DATA LINK USING DECISION FEEDBACK EQUALIZATION 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 executed all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; executed all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assigned, 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 properly 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: Vishnu Balan  
Vishnu Balan

Date 1<sup>st</sup> NOV 2004

Witness: [Signature]

Date 11/04

Witness  
Printed: Mark Salvatore

Witness  
Address: LSI Logic Corporation  
Legal Department - IP  
1621 Barber Lane, MS D-106  
Milpitas, CA 95035

Name: Joseph P. Carosella, Jr.

Date 11/1/2004

Witness: [Signature]

Date 11/1/04

Witness  
Printed: Mark Salvatore

Witness  
Address: LSI Logic Corporation  
Legal Department - IP  
1621 Barber Lane, MS D-106  
Milpitas, CA 95035

Name: Ye Liu

Date 1<sup>st</sup> Nov 2004

Witness: [Signature]

Date 11/1/04

Witness  
Printed: Mark Salvatore

Witness  
Address: LSI Logic Corporation  
Legal Department - IP  
1621 Barber Lane, MS D-106  
Milpitas, CA 95035

Name: Chintan M. Desai

Date 1<sup>st</sup> Nov 2004

Witness: [Signature]

Date 11/1/04

Witness  
Printed: Mark Salvatore

Witness  
Address: LSI Logic Corporation  
Legal Department - IP  
1621 Barber Lane, MS D-106  
Milpitas, CA 95035

Name: Jenn-Gang Chern

Date \_\_\_\_\_

Witness: \_\_\_\_\_

Date \_\_\_\_\_

Witness  
Printed: \_\_\_\_\_

Witness  
Address: \_\_\_\_\_