

PATENT

05-31-2006

Attorney Docket No.
04-0120/L13.12-0263To the Honorable
attached original

103220321

Patent and Trademark Office: Please record the

1. Name of conveying party(ies):

- (1) Jeffrey J. Holm
- (2) David Parker
- (3) Bradley J. Winter

Additional name(s) of conveying party(ies)
attached? [] Yes [] No2. 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:

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

Execution Date: 1) & 2) October 7, 2004;
3) September 30, 2004

4A. Application No.(s)

10960492.

If this document is being filed together with a
new application, the execution date(s) of the
application is: 1) & 2) October 7, 2004
;3) September 30, 2004

Additional numbers attached? [] Yes [] No

4B. Patent No.(s)

Additional numbers attached?
[] Yes [] No5. Name and address of party to whom corres-
pondence concerning document should be mailed:

Name: Pete R. Scott

Street Address: LSI Logic Corporation

1551 Barber Lane

M/S D-106

City Milpitas State CA ZIP 95035

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.

DO NOT USE THIS SPACE

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.06/02/2006 DBYRNE 0000090 122252 10960492
David D. Brush01/15/2004 date: 06/02/2006 DBYRNE Signing
10/15/2004 MGETACHE 00000176 122252 10960493
01 FC:8021 40.00 CR 1

Signature

Date

Total number of pages submitted: [5]

PATENT

REEL: 017726 FRAME: 0643

Attorney Docket No. 04-0120/L13.12-0263

PATENT

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned Jeffrey J. Holm, David Parker and Bradley J. Winter, 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 _____, 04-0120/L13.12-0263, 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: MEMORY INTERFACE WITH WRITE BUFFER AND ENCODER 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 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: Jeffrey J. Holm

Date 10/7/04

Witness: [Signature]

Date 10.07.04

Witness Printed: Jane Mikes

Witness Address: 9153 Azalea Way
IGH, MN 55077

Name:

David A. Parker
David ParkerDate 10/7/04

Witness:

Matthew Kirkwood M.D.Date 10/7/04

Witness

Printed: Matthew D. Kirkwood

Witness

Address: 174 Southwind LaneWest Saint Paul, MN 55118

Name:

Bradley J. Winter

Date _____

Witness: _____

Date _____

Witness

Printed: _____

Witness

Address: _____

Attorney Docket No. 04-0120/L13.12-0263

PATENT

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- ☐ 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 _____, 04-0120/L13.12-0263, 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: MEMORY INTERFACE WITH WRITE BUFFER AND ENCODER 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 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: Jeffrey J. Holm

Date: _____

Witness: _____

Date: _____

Witness
Printed: _____

Witness
Address: _____

Name: David Parker

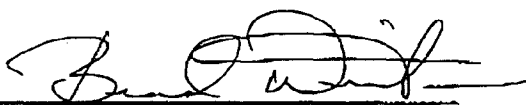
Date _____

Witness: _____

Date _____

Witness
Printed: _____

Witness
Address: _____

Name: 
Bradley J. Winter

Date 09/30/04

Witness: 

Date 09/30/04

Witness
Printed: Sean Keller

Witness
Address: 18688 Settlers Way
Eden Prairie, MN 55347