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| 4 |) | P-1595 R | | 1881 | | |
| . [| To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. | | | the attached original documents or copy thereof. | | |
| 20 | 1. | Name of conveying party(ies): | 2. | Name and address of receiving party(ies): | | |
| \sim | | Donald T. McGrath, Scott C. Savage, | | Name: LSI Logic Corporation | | |
| | | Robert D. Waldron, Kenneth G. Richardson | | Internal Address: MS: D-106 Legal | | |
| | | Additional names(s) of conveying party(ies) attached? No | ┧ | | | |
| } | 3. | Nature of conveyance: | | Street Address: 1621 Barber Lane | | |
| į | | ■ Assignment | | | | |
| | | □ Security Agreement □ Change of Name | | City: Milpitas State: CA ZIP: 95035 | | |
| İ | | □ Other: | 1 | Additional name(s) & address(es) attached? No | | |
| | | Execution Date: May 16, 2005, May 16, 2005, May 17, 2005 May 19, 2005 | | | | |
| | 4. | Application number(s) or patent number(s): | | | | |
| | | ■ This document is being filed together with a new application. | on. | | | |
| | | A. Patent Application No(s). | } | B. Patent No(s). | | |
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| ŀ | Additional numbers attached? □ Yes ⊠ No | | | | | |
| | 5. | Name and address of party to whom correspondence concerning document should be mailed: | 6. | Total number of applications and patents involved: 1 | | |
| | | Name: LSI Logic Corporation | 7. | Total fee (37 CFR 3.41) \$40.00 | | |
| 3 | | Internal Address: MS: D-106 Legal | | □ Enclosed | | |
| 1 | | Street Address: 1621 Barber Lane | | Authorized to be charged to deposit account | | |
| ļ | | City: Milpitas State: CA ZIP: 95035 | <u> </u> | if necessary | | |
| | | | 8. | Deposit Account Number: 12-2252 | | |
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| | NOT USE THIS SPACE | | | | | |
| | 9. | Statement and signature. | | | | |
| ĺ | | To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of | | | | |
| ļ | | the original document. | | | | |
| | | Christopher P. Maiorana May 20, 2005 | | | | |
| 05/25 | Reg. No.: 42,829 Signature Date 2005 DBYRNE 00000219 122252 11133815 | | | | | |
| 01 FC: | | Tota | | per of pages including cover sheet, attachments, and document: 5 | | |
| Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 | | | | | | |
| | | | | | | |

PATENT REEL: 016588 FRAME: 0671

ASSIGNMENT OF APPLICATION

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 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 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:

USE OF CONFIGURABLE MIXED-SIGNAL BUILDING BLOCK FUNCTIONS TO ACCOMPLISH CUSTOM FUNCTIONS

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.

| First na | amed inventor | | |
|----------|-------------------|--|--------------------|
| Name | Donald T. McGrath | Witness Signature: | Lasey Littery |
| Date | 5/16/08 | Witness Printed Name: Witness Address: | LASEY GUTTERREZ |
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| | | | |

| <u>Second</u> | named inventor | | | |
|---------------|---------------------------------|------------|-----------------------|------------------|
| Name | Scott C. Savage | <u>r</u> g | Witness Signature: | Largo Strice |
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| Third r | amed inventor | | | |
| Name | | _ | Witness Signature: | |
| | Robert D. Waldron | _ | Witness Printed Name: | |
| Date | | _ | | |
| i | | | Witness Address: | |
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| | | · · | • | |
| Four na | amed inventor | | | |
| Name | | _ | Witness Signature: | |
| | Kenneth G. Richardson | | Witness Printed Name: | |
| Date | | _ | • | |
| | | | Witness Address: | |
| | | | • | |
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Docket No. 04-2016 / 1496.00440

Page 2 of 2

| Name Scott C. Savage Witness Signature: Witness Printed Name: Witness Address: | |
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| Date May 17 2005 Witness Address: LSI Logi | RILATHA. In Ending Put LTD. Infinity 2nd Flow Infinity 2nd Flow Infinity 2nd Flow Showing large Showing la |
| Four named inventor | |
| Name Kenneth G. Richardson Witness Signature: | |
| Date Witness Printed Name: Witness Address: | |
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PATENT REEL: 016588 FRAME: 0674

RECORDED: 05/20/2005

Second named inventor

| Name | | Witness Signature: | |
|----------|-----------------------|-----------------------|--|
| | Scott C. Savage | Witness Printed Name: | |
| Date | | Witness Address: | |
| | | Witness Address: | |
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| mi | | | |
| i nira i | named inventor | | |
| Name | | . Witness Signature: | |
| | Robert D. Waldron | _ | |
| Date | | Witness Printed Name: | |
| 1 41 | | Witness Address: | |
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| Fa | amad immanda | | |
| Four II | amed inventor | | |
| Name | KINN KD | Witness Signature: | |
| | Kenneth G. Richardson | _ | |
| Date | May 19th 2005 | Witness Printed Name: | |
| | | Witness Address: | |
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