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OMB No. 0651-0027 (exp. 5/31/2002)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
John de Q. Walker and Todd A. Randazzo

1-22-02

2. Name and address of receiving party(ies)

Name: LSI LOGIC CORPORATION

Internal Address: Corporate Legal Department

Intellectual Property Services Group

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: 1551 McCarthy Blvd., M/S D-106

City: Milpitas State: CA Zip: 95035

Execution Date: 01/18/2002

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

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: 01/18/2002

A. Patent Application No.(s)

10,055082

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: LSI LOGIC CORPORATION

Internal Address: Corporate Legal Department

Intellectual Property Services Group

Street Address: 1551 McCarthy Blvd., 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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

12-2252

(Attach duplicate copy of this page if paying by deposit account)

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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.

Duke W. Yee

Duke W. Yee
Signature

1/22/02
Date

Name of Person Signing
00000065 122252 10055082

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

02/04/2002 DBYRNE

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PATENT
REEL: 012529 FRAME: 0731

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, the undersigned, **JOHN de Q. WALKER and TODD A. RANDAZZO**, 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, which has been executed by the undersigned concurrently herewith, and which is entitled:

LOW VOLTAGE BREAKDOWN ELEMENT FOR ESD TRIGGER DEVICE

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 Named Inventor:

Name: John de Q. Walker

Date: 1/18/02

John de Q. Walker

Witness Signature: Constance B. Turner

Witness Printed Name: CONSTANCE B. TURNER

Witness Address: 4420 Arrows West Drive
Colorado Springs, CO 80907

Second Named Inventor:

Name: Todd A. Randazzo

Date: 1/18/02

Todd A. Randazzo

Witness Signature: Constance B. Turner

Witness Printed Name: CONSTANCE B. TURNER

Witness Address: 4420 Arrows West Drive
Colorado Springs, CO 80907