

08-27-2003

FORM PTO-1619A



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- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of name
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☐ Mark if additional names of conveying parties attached

Name (line 1) Russell J. Henry

Name (line 2) _____

Second Party

Name (line 1) _____

Name (line 2) _____

Execution Date
Month Day Year

08-14-2003

Execution Date
Month Day Year

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Name (line 1) LSI Logic Corporation

Name (line 2) _____

Address (line 1) Mail Stop D-106

Address (line 2) 1551 McCarthy Boulevard

Address (line 3) Milpitas

City

CA

USA

State/Country

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the U.S., an appointment of a domestic representative is attached.
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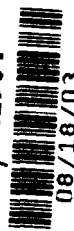
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FORM PTO-1619B

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U. S. Department of Commerce
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1

Docket Number(s), 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).

Attorney Docket Numbers

Patent Application or Patent Numbers

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named inventor.Month Day Year
July 15, 2003

Patent Cooperation Treaty (PCT)

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

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):

\$40.00

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: 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 any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Kermit D. Lopez

Name of Person Signing



Signature

August 18, 2003

Date

Express Mail No. ET662305074US

ASSIGNMENT

LSI Logic Docket No.: 03-1094

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **METHODS AND SYSTEMS FOR END-TO-END DATA PROTECTION IN A MEMORY CONTROLLER** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

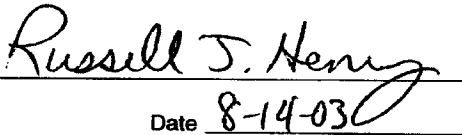
- ☒ is being executed concurrently herewith,
- ☐ was first executed on
- ☐ was filed on as Application Number .
- ☐ claims the benefit of U.S. Provisional Application(s) No(s). / filed .

LSI Logic Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("LSI Logic"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to LSI Logic the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to LSI Logic;
- (2) agree that LSI Logic may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by LSI Logic; and
- (4) authorize LSI Logic to subsequently enter the Application Number on this Assignment, if not already entered above.

Russell Henry


Date 8-14-03