

01-15-2002

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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

10/03/01 10/23/01

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

1. Name of conveying party(ies):

MAHMOUD K. JIBBE

10/23/01

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

2. Name and address of receiving party(ies)

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

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

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Execution Date: 12/09/98

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: 12/09/98

A. Patent Application No.(s)

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

Signature

10/23/01

Date

Name of Person Signing

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 012450 FRAME: 0260

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ASSIGNMENT OF UNITED STATES PATENT APPLICATION

WHEREAS, I, Mahmoud K. Jibbe, of Wichita, KS, have invented certain new and useful improvements in a **METHOD AND APPARATUS FOR RECREATING FIBRE CHANNEL TRAFFIC**, Docket No. 98-108, for which I have executed an application for Letters Patent of the United States on 12/9/98; and

WHEREAS, LSI Logic Corporation, a corporation of the State of Delaware, having its principal place of business in Milpitas, California, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and any and all foreign countries;

NOW, THEREFORE, be it known for good and valuable considerations, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer unto said LSI Logic Corporation, its successors and assigns, the entire right, title and interest in and to the invention and improvements in any form or embodiment thereof, disclosed and claimed in said application, or which are disclosed and may be claimed; also the entire right, title and interest in and to any Letters Patent to be granted in the United States and its territorial possessions and in any and all foreign countries upon said invention in any form or upon any such improvements thereon, and in and to any and all divisions, reissues, continuations and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent on said application to the said LSI Logic Corporation, a corporation of the State of Delaware, its successors and assigns.

Further, I agree that I will communicate to said LSI Logic Corporation, or its representatives, any facts known to me respecting said invention, and testify in any legal proceeding,

sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said LSI Logic Corporation, make all rightful oaths and generally to do everything possible to aid said LSI Logic Corporation, its successors and assigns, to obtain and enforce protection for said invention in the United States and in any and all foreign countries.

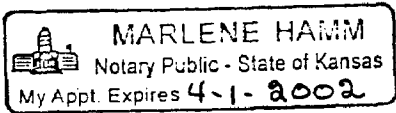
Signed at Wichita, Kansas, this 9 day of December, 1998.

Mahmoud K. Jibbe
Mahmoud K. Jibbe

STATE OF KANSAS)
) ss:
COUNTY OF SEDGWICK)

On this 9th day of December, 1998, before me personally appeared Mahmoud K. Jibbe, to me personally known and known to be the person who signed the foregoing assignment, and acknowledged the signing thereof as his free act and deed.

(SEAL)



Marlene Hamm
Notary Public