

07-28-2004

HEET

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To the Director of the United States

the attached original documents or copy thereof.

1. Name of conveying party(ies):

Frank R. Dropps
William J. Gustafson
Gary M. Papenfuss

7-2004

2. Name and address of receiving party(ies):

Name: QLOGIC CORPORATION

Address: 26650 Aliso Viejo Parkway

22782 U.S. PTO
10/894492
072004

City: Aliso Viejo

State/Prov.: CA

Country: USA

ZIP: 92656

Additional names(s) of conveying party(ies) Yes No

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 7/8/04 & 07/09/04

4. Application number(s) or patent numbers(s):

10894492

If this document is being filed together with a new application, the execution date of the application is: 7/8/04 & 07/09/04

Patent Application No. Filing date

B. Patent No.(s)

7/22/2004 MBIZUNES 00000011 10894492
03 FC:8021 40.00 DP

Additional numbers Yes No

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

Name: Tejinder Singh

Registration No. 39,535

Address: Klein, O'Neill & Singh, LLP

2 Park Plaza, Suite 510

City: Irvine State/Prov.: CA

Country: USA ZIP: 92614

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

11-1159

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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.

Tejinder Singh

Name of Person Signing

Signature

7/19/04

Date

3

Total number of pages including cover sheet, attachments, and

ASSIGNMENT

For valuable consideration, We, Frank R. Dropps of Maple Grove, Minnesota, and a citizen of United States of America; William J. Gustafson of Apple Valley, Minnesota and a citizen of United States of America; and Gary M. Papenfuss of St. Paul, Minnesota, and a citizen of United States of America (hereinafter referred to as "Assignor") hereby assign to QLOGIC, Corporation., a corporation organized and existing under and by the virtue of the laws of the State of Delaware and having a place of business at 26650 Aliso Viejo Parkway, Aliso Viejo, CA 92656, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of an application for United States Patent filed herewith, U.S. Serial No. _____, _____ entitled "**LUN BASED HARD ZONING IN FIBRE CHANNEL SWITCHES**", and related applications and patents, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, including all divisions, continuations, reissues, continuations-in-part and extensions thereof, and the right to claim priority based on the filing date of said application and based on the filing date of any provisional application of which said application claims the benefit under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation, upon request to perform such lawful acts, to promptly provide Assignee with all pertinent facts and documents relating to said invention or application as may be known and accessible to me, to testify in any interference or litigation related to said invention or application and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

The Assignor hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Agreement.

Name: Frank R. Dropps

Signature: Frank Dropps

Date: 7/8/04

Name: Gary M. Papenfuss

Signature: Gary M. Papenfuss

Date: 07/09/2004

Name: William J. Gustafson

Signature: William J. Gustafson

Date: 07/09/04