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To the Director of the United States Patent and Trademark Office, I hereby transmit the attached original documents or copy thereof.

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MUWAFFAQ ALGHOULI

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

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

Name: **QLOGIC CORPORATION**

Address: **26650 ALISO VIEJO PARKWAY**

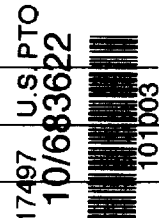
City: **ALISO VIEJO**

State/Prov.: **CA**

Country: **USA**

ZIP: **92656**

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3. Nature of conveyance:

- Assignment Merger
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- Other _____

Execution Date: **OCTOBER 8, 2003**

4. Application number(s) or patent numbers(s): **10/683622**

If this document is being filed together with a new application, the execution date of the application is: **OCTOBER 8, 2003**

Patent Application No. Filing date

B. Patent No.(s)

10/17/2003 GWORDF1 00000012 10683622

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**

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TEJINDER SINGH

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10/10/2003

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3

Total number of pages including cover sheet, attachments, and

ASSIGNMENT

For valuable consideration, I, MUWAFFAQ ALGHOULI of Tustin, California 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 Delaware and having a place of business at 26600 Laguna Hills Drive, Aliso Viejo, CA 92656, and its successors and assigns (hereinafter collectively referred to as "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 "**SYSTEM AND APPARATUS FOR TESTING BALL GRID ARRAYS**", 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.

