· · ·	Docket No.: QN1112.US
ORM PTO-1595 (Modified) Rev. 03-01) MB No. 0651-0027 (exp.5/31/2002) 08A/REV03	Patent and Trademark Office
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To the Director of the United States Patent and Trademark Off 1. Name of conveying party(ies): Derek Rohde Bruce A. Klemin Michael I. Thompson	2. Name and address of receiving party(ies):
Additional names(s) of conveying party(ies)	Address: 20000 1000 1000 1000 1000 1000 1000 10
3. Nature of conveyance: X Assignment Merger	
Security Agreement Change of Name Other	City: Aliso Viejo State/Prov.: CA Country: USA ZIP: 92656
Execution Date: _08/30/04	Additional name(s) & address(es)
4 FC:8021 40.00 OP	
Additional numbers	S Yes X No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Tejinder Singh	- 7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. <u>39,535</u> Address: <u>Klein, O'Neill & Singh, LLP</u>	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
2 Park Plaza, Suite 510	Authorized to be charged to deposit account
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City: Irvine State/Prov.: CA	11-1159
Country: <u>USA</u> ZIP: <u>92614</u>	(Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature.	T USE THIS SPACE
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ASSIGNMENT

For valuable consideration, we, Derek Rohde of Auburn, California and a citizen of U.S.A.; Bruce A. Klemin of Rocklin, California and a citizen of U.S.A.; and Michael I. Thompson of Colfax, California and a citizen of U.S.A. (hereinafter referred to as "Assignors"); and 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

"METHOD AND SYSTEM FOR PROCESSING MARKERS, DATA INTEGRITY FIELDS AND DIGESTS", 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 we authorize the Assignee to apply in all countries in our names or in its own name for patents and like rights of exclusion and for inventor's certificates for said inventions and improvements; and we agree for ourselves and our 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 Assignors hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Agreement.

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Name: Derek Rohde Signature: Date:

Name: Bruce A. Klemin Signature: Date: 8/30/04

Name: Michael I. Thompson

Signature: 24 Q.T. Date: 8/30/04

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RECORDED: 09/01/2004