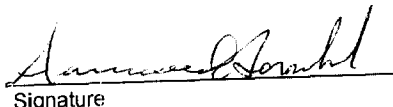


04-12-2002
102052990

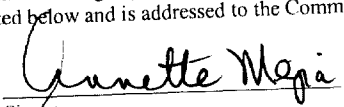
Substitute Form PTO-1595
Attorney Docket No.: 10559-612001
Client's Ref. No.: P12851

RECORDED
PATENTIS
:ET

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Debra Bernstein, Gilbert Wolrich and Mark B. Rosenbluth Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Intel Corporation 2200 Mission College Boulevard Santa Clara, CA 95052 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 03/07/2002	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 10/039,289 B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: SCOTT C. HARRIS 4350 La Jolla Village Drive Suite 500 San Diego, CA 94122 Telephone: (858) 678-5070 Facsimile: (858) 678-5099	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i> Samuel Borordach Reg. No. 38,388 Name of Person Signing  Signature 3/25/02 Date	
Total number of pages including coversheet, attachments and document: 5	

30089089.doc
04/12/2002 LUMELLER 00000031 10039289
01 FC:581 40.00 DP

CERTIFICATE OF MAILING BY FIRST CLASS MAIL
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

3/25/02  **Annette Magia**
Date of Deposit Signature Typed Name of Person Signing Certificate

ASSIGNMENT

For valuable consideration, we, GILBERT WOLRICH of 4 Cider Mill Road, Framingham, MA 01701, MARK B. ROSENBLUTH of 4 Crestview Drive, Uxbridge, MA 01569, DEBRA BERNSTEIN of 443 Peakham Road, Sudbury, MA 01776, hereby assign to: Intel Corporation, a Delaware corporation having a place of business at: 2200 Mission College Boulevard, Santa Clara, CA 95052; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled QUEUE ARRAYS IN NETWORK DEVICES, filed January 4, 2002, and assigned U.S. Serial Number 10/039,289, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application 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 name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at DCU,

this 7 day of MARCH, 2002

Gilbert Wolrich
GILBERT WOLRICH

L.S.

State of MA :

: ss.

County of middlesex:

Before me this 7th day of march, 2002, personally appeared
GILBERT WOLRICH known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

Madeline T. Mueen
Notary Public

My Commission Expires:

[Notary's Seal Here]

Madeline T. Mueen
Notary Public
Commission Expires: _____

IN WITNESS WHEREOF, I hereto set my hand and seal at DCU,

this 7 day of March, 2002.

Mark B. Rosenbluth

L.S.

MARK B. ROSENBLUTH

State of MA :

: ss.

County of Middlesex

Before me this 7th day of March, 2002, personally appeared

MARK B. ROSENBLUTH known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Margaret M. Mullen

Notary Public

My Commission Expires:

[Notary's Seal Here]

[Faint Notary Seal]
Margaret M. Mullen
Notary Public
Middlesex County, MA

IN WITNESS WHEREOF, I hereto set my hand and seal at DCU,
this 7 day of March, 2002.
Debra Bernstein L.S.
DEBRA BERNSTEIN

State of MA :
: ss.
County of Middlesex :

Before me this 7th day of March, 2002, personally appeared
DEBRA BERNSTEIN known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

[Signature]
Notary Public

My Commission Expires:

[Notary's Seal Here]