

06-05-2002

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies): William R. Wheeler, Bradley Burres, Matthew J. Adiletta and Gilbert Wolrich 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: 12/4/01			
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): 09/387,109 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: DENIS G. MALONEY Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804		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>			
Denis G. Maloney Reg. No. 29,670 Name of Person Signing		 Signature	5/2/02 Date
Total number of pages including coversheet, attachments and document: 5			

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) 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.

May 21, 2002
Date of Deposit

Signature

Jennifer Hess Carletta
Typed Name of Person Signing Certificate

PATENT
REEL: 012945 FRAME: 0001

ASSIGNMENT

For valuable consideration, we, WILLIAM R. WHEELER of 9 Darlene Drive Southborough, MA 01772, BRADLEY BURREs of _____, MATTHEW J. ADILETTA of 20 Monticello Drive, Worcester, MA 01603, GILBERT WOLRICH of 4 Cider Mill Road, Framingham, MA 01701, 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 SDRAM CONTROLLER FOR PARALLEL PROCESSOR ARCHITECTURE, filed August 31, 1999, and assigned U.S. Serial Number 09/387,109, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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 INTEL, MASS,
this 4th day of DECEMBER, 2001

William R. Wheeler L.S.
WILLIAM R. WHEELER

State of Massachusetts

: ss.
County of Middlesex :

Before me this 4th day of December, 2001, personally
appeared WILLIAM R. WHEELER 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.

Sharon F. Lynch
Notary Public

My Commission Expires:

SHARON F. LYNCH
NOTARY PUBLIC
COMMONWEALTH OF MASSACHUSETTS
MY COMMISSION EXPIRES 11/03/06

{Notary's Seal Here}

IN WITNESS WHEREOF, I hereto set my hand and seal at Intel,
this 4th day of December, 2001

Bradley Burres L.S.
BRADLEY BURRES

State of MASS :

: ss.
County of Middlesex :

Before me this 4th day of December, 2001, personally appeared BRADLEY BURREN 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.

Sharon F. Lynch
Notary Public

My Commission Expires:

SHARON F. LYNCH
NOTARY PUBLIC
COMMONWEALTH OF MASSACHUSETTS
MY COMMISSION EXPIRES 11/03/06

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Dorset, Mass,
this 4th day of December, 2001

MATTHEW J. ADILETTA L.S.
MATTHEW J. ADILETTA

State of Mass :

County of Worcester : ss.

Before me this 4th day of December, 2001, personally appeared MATTHEW J. ADILETTA 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.

Sharon F. Lynch
Notary Public

My Commission Expires:

SHARON F. LYNCH
NOTARY PUBLIC
COMMONWEALTH OF MASSACHUSETTS
MY COMMISSION EXPIRES 11/03/06

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Intel,
this 4th day of December, 2001
Gilbert Wolrich L.S.
GILBERT WOLRICH

State of Massachusetts
County of Middlesex : ss.

Before me this 4th day of December, 2001, 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.

Sharon F. Lynch
Notary Public

My Commission Expires:

[Notary's Seal Here]

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SHARON F. LYNCH
NOTARY PUBLIC
COMMONWEALTH OF MASSACHUSETTS
MY COMMISSION EXPIRES 11/03/06