

03-23-2000



101296438

COVER SHEET  
FILE

2-22-00  
M.G.

Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Debra Bernstein, Donald F. Hooper, Matthew J. Adiletta, Gilbert Wolrich and William Wheeler Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Intel Corporation 2150 Mission College Boulevard Santa Clara, CA 95052
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: 11/18/99; 2/11/00; 2/14/00	Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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): 09/387,046 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, MA 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.
<b>DO NOT USE THIS SPACE</b>	
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
	2/18/2000 Date
Total number of pages including coversheet, attachments and document: 4	

20029168.doc

03/22/2000 DNGUYEN 00000162 09387046

01 FC:581

40.00 DP

**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 Assistant Commissioner for Patents, Washington, D.C. 20231.

February 18, 2000  
Date of Deposit

Signature

Marie Collins  
Typed Name of Person Signing Certificate

**PATENT**  
**REEL: 010617 FRAME: 0911**

ASSIGNMENT

For valuable consideration, we, Debra Bernstein, of Sudbury, Massachusetts; Donald F. Hooper, of Shrewsbury, Massachusetts; Matthew J. Adiletta, of Worcester, Massachusetts; Gilbert Wolrich, of Framingham, Massachusetts; William Wheeler, of Southborough, Massachusetts; hereby assign to Intel Corporation, a California corporation having a place of business at 2150 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 this day, entitled MICROENGINE FOR PARALLEL PROCESSOR ARCHITECTURE, filed August 31, 1999, and assigned U.S. Serial Number 09/387,046, 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, and 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 D.C.U. Hudson, MA, this 18 day of November, 1999  
Debra Bernstein L.S.  
Debra Bernstein

COMMONWEALTH OF MASSACHUSETTS:

COUNTY OF middlesex: ss.

Before me this 18 day of Nov, 1999, 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.

Madeline Mullin  
Notary Public

My Commission Expires:

[Notary's Seal Here]

MADELINE F. MULLIN  
Notary Public  
My Commission Expires  
September 8, 2006

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

this 18 day of Nov, 1999

Donald F. Hooper L.S.  
Donald F. Hooper

COMMONWEALTH OF MASSACHUSETTS:

:ss.

COUNTY OF Middlesex:

Before me this 18 day of Nov, 1999, personally appeared Donald F. Hooper 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 F. Mullin  
Notary Public

My Commission Expires:

[Notary's Seal Here]

MADELINE F. MULLIN  
Notary Public  
My Commission Expires  
September 8, 2006

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

this 11 day of Feb, 192000

Matthew J. Adiletta L.S.  
Matthew J. Adiletta

COMMONWEALTH OF MASSACHUSETTS:

:ss.

COUNTY OF Middlesex:

Before me this 11<sup>th</sup> day of Feb, 192000, 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.

Madeline F. Mullin  
Notary Public

My Commission Expires:

[Notary's Seal Here]

MADELINE F. MULLIN  
Notary Public  
My Commission Expires  
September 8, 2006

IN WITNESS WHEREOF, I hereto set my hand and seal at DCU,  
this 11<sup>th</sup> day of FEB, <sup>2000</sup>19

Gilbert Wolrich L.S.  
Gilbert Wolrich

COMMONWEALTH OF MASSACHUSETTS:

COUNTY OF Middlesex: :ss.

Before me this 11<sup>th</sup> day of FEB, <sup>2000</sup>19, 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 F. Mullin  
Notary Public

My Commission Expires:

[Notary's Seal Here]

**MADELINE F. MULLIN**  
Notary Public  
My Commission Expires  
September 8, 2006

IN WITNESS WHEREOF, I hereto set my hand and seal at DCU,  
this 14 day of FEB, <sup>2000</sup>19

William Wheeler L.S.  
William Wheeler

COMMONWEALTH OF MASSACHUSETTS:

COUNTY OF Middlesex: :ss.

Before me this 14<sup>th</sup> day of FEB, <sup>2000</sup>19, personally appeared William 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.

Madeline F. Mullin  
Notary Public

My Commission Expires:

[Notary's Seal Here]

**MADELINE F. MULLIN**  
Notary Public  
My Commission Expires  
September 8, 2006

4025(3-1