

06-18-1998

FORM PTO-1595

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r Sheet RECEIVED U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Edward A. McDonald James M. Ottinger
Harry W. Scrivener III**

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

Intel Corporation

Name: _____

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: **May 13, 14, & 20, 1998**Street Address: **2200 Mission College Boulevard**City **Santa Clara** State **CA** ZIP **95052**Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

08/989,371

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Blakely, Sokoloff, Taylor & Zafman, LLP**

Internal Address: _____

Street Address: **12400 Wilshire Blvd.****7th Floor**City: **Los Angeles** State: **CA** ZIP: **90025**

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41).....\$ **40.00**☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

02-2666

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*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.***Allan T. Sponseller (Reg. No. 38,318)**

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet, attachments, and document: **7**

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignment,
Washington, D.C. 20231Attorney Docket No.: **7398742590.P585**

PATENT

REEL: 9241 FRAME: 0306

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06/17/1998 TT0111

01:561

Attorney Docket No.: 7398 (42390.P5890)

PATENT

ASSIGNMENT
(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Edward A. McDonald James M. Ottinger Harry W. Scrivener III

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at:

2200 Mission College Boulevard, Santa Clara, California, 95052

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed: December 12, 1997

and assigned Application No.: 08/989,371

and is entitled:

MULTIPROCESSOR COMPUTING APPARATUS WITH OPTIONAL COHERENCY DIRECTORY

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

5/20/98 Edward A. McDonald
Date Name: **Edward A. McDonald**

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, L.L.P.
12400 Wilshire Boulevard, Seventh Floor
Los Angeles, CA 90025-1026
Phone: (503) 684-6200

PATENT
REEL: 9241 FRAME: 0307

Each Inventor: Please Sign and Date Below:

Date

Name: **James M. Ottinger**

Date

Name: **Harry W. Scrivener III**

Attorney Docket No.: 7398 (42390.P5890)

Assignment Document Return Address:
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12400 Wilshire Boulevard, Seventh Floor
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PATENT
REEL: 9241 FRAME: 0308

PATENT

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(“Assignee”), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed: December 12, 1997 and assigned Application No.: 08/989,371 and is entitled:

MULTIPROCESSOR COMPUTING APPARATUS WITH OPTIONAL COHERENCY DIRECTORY

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Date _____ Name: **Edward A. McDonald**

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12400 Wilshire Boulevard, Seventh Floor
Los Angeles, CA 90025-1026
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PATENT
REEL: 9241 FRAME: 0309

Each Inventor: Please Sign and Date Below:

May 13, 1998
Date

James M. Ottinger
Name: James M. Ottinger

Date

Name: Harry W. Scrivener III

Attorney Docket No.: 7398 (42390.P5890)

Assignment Document Return Address:
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Los Angeles, CA 90025-1026
Phone: (503) 684-6200

PATENT
REEL: 9241 FRAME: 0310

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(For Execution After Filing Patent Application)

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MULTIPROCESSOR COMPUTING APPARATUS WITH OPTIONAL COHERENCY DIRECTORY

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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Los Angeles, CA 90025-1026
Phone: (503) 684-6200

Each Inventor: Please Sign and Date Below:

Date _____ Name: **James M. Ottinger**

5/14/98 _____
Date Name: **Harry W. Scrivener III**

Attorney Docket No.: 7398 (42390.P5890)

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Phone: (503) 684-6200

RECORDED: 06/03/1998

PATENT
REEL: 9241 FRAME: 0312