

04-08-2004

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 100110430-1

1. Name of conveying party(ies):

Donald C. Soltis JR.
Dale C. Morris
Dean Ahmad Mulla
Achmed Rumi Zahir
Any Lynn Santoni
Alan Douglas Knies

102717397

ss of receiving party(ies):

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
20555 SH 249
Houston, TX 77070

Additional name(s) of conveying party(ies) attached ___ Yes X No

Additional name(s) & address(es) attached? ___ Yes X No

3. Nature of Conveyance:

X Assignment ___ Merger ___ Change of Name
___ Security Agreement ___ Other

Execution Date(s): 5-2-2003, 5-3-2003, 5-28-2003, 4-29-2003, 5-22-2003, 5-23-2003

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

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

A. Patent Application No.(s)

B. Patent No.(s)

Application No.: 10/449,442

Date Filed: 5-30-2003

Confirmation No.: 8326

Additional numbers attached? NO

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

Records Manager
Intellectual Property Administration
HEWLETT-PACKARD COMPANY
P.O. Box 272400
Fort Collins, Colorado 80527-2400

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): . . . \$40.00

___ Enclosed

X Authorization to be charged to deposit account.

8. Deposit Account Number: 08-2025

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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.

Clifton L. Anderson

Name of Person Signing

Signature

Apr 01, 2004

Date

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

OMB No. 0651-0011 (exp. 4/94)

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01 FCT0021 40:00 BA
Rev 10/03 (Recdasgn) H0301

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
P. O. Box 272400
Fort Collins, Colorado 80527-2400

ATTORNEY DOCKET NO. 100110430-1

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Filing date: May 29, 2003

Application No.: 10/449,442

I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature (Seal) Donald C. Smith Date Assignment Signed: May 2, 2003

Inventor's Typed Name: Donald C. Soltis, Jr. Date Application Signed: May 2, 2003

State of _____)
County of _____) ss.:

Before me this ____ day of _____, personally appeared Donald C. Sotis, Jr. who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires:

When recorded please return to:

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 100110430-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

 Date Assignment Signed: 5/3/03
Inventor's Signature (Seal)

Inventor's Typed Name: Dale C. Morris Date Application Signed: 5/3/03

State of _____)
) ss.:
County of _____)

Before me this _____ day of _____, personally appeared Dale C. Morris who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires:

Inventor's Signature (Seal) Date Assignment Signed: _____

Inventor's Typed Name: Dean Ahmad Mulla Date Application Signed: _____

State of _____)
) ss.:
County of _____)

Before me this _____ day of _____, personally appeared Dean Ahmad Mulla who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires:

Inventor's Signature (Seal) Date Assignment Signed: _____

Inventor's Typed Name: _____ Date Application Signed: _____

State of _____)
) ss.:
County of _____)

Before me this _____ day of _____, personally appeared _____ who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires:

(Use Page Three For Additional Inventor(s) Signature(s))

Page 2 of 2

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

ATTORNEY DOCKET NO. 100110430-1

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

PATENT
REEL: 015181 FRAME: 0123

ASSIGNMENT

For good and valuable consideration, receipt of which hereby acknowledged, we, **Achmed Rumi Zahir**, residing at 428 Glenwood Avenue, Menlo Park, CA 94025, **Amy Lynn O'Donnell**, residing at 1887 Harley Drive, Ann Arbor, MI 49103, and **Allan Douglas Knies**, residing at 312 Arkansas Street, San Francisco, CA 94107, assign and transfer to:

Intel Corporation, a Delaware corporation having a place of business at 2200 Mission College Blvd., P.O. Box 58119, Santa Clara, CA 95052-8119, its successors and assigns, our entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Superword Memory-Access Instructions for Data Processor

based on Hewlett-Packard Disclosure 100110430-1, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said inventions in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.



Achmed Rumi Zahir

April 29, 2003

Execution Date

Amy Lynn O'Donnell

Execution Date

Allan Douglas Knies

Execution Date

H0301Asn-Intel	1/1	PATENT
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ASSIGNMENT

For good and valuable consideration, receipt of which hereby acknowledged, we, **Achmed Rumi Zahir**, residing at 428 Glenwood Avenue, Menlo Park, CA 94025, **Amy Lynn O'Donnell**^{SANTONI}, residing at 1887 Harley Drive, Ann Arbor, MI 49103, and **Allan Douglas Knies**, residing at 312 Arkansas Street, San Francisco, CA 94107, assign and transfer to:

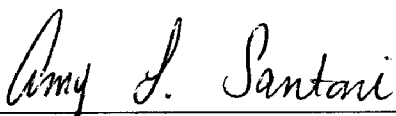
Intel Corporation, a Delaware corporation having a place of business at 2200 Mission College Blvd., P.O. Box 58119, Santa Clara, CA 95052-8119, its successors and assigns, our entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Superword Memory-Access Instructions for Data Processor

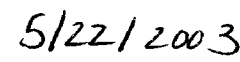
based on Hewlett-Packard Disclosure 100110430-1, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said inventions in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Achmed Rumi Zahir

Execution Date



Amy Lynn O'Donnell
SANTONI



Execution Date

Allan Douglas Knies

Execution Date

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based on Hewlett-Packard Disclosure 100110430-1, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said inventions in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Achmed Rumi Zahir

Execution Date

Amy Lynn O'Donnell

Execution Date



Allan Douglas Knies

5/23/2003

Execution Date

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