

07-21-2003

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102616992

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1. Name of conveying party(ies): 6-27-03
James B. Crossland
Anil Aggarwal
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Intel Corporation, Inc.
Internal Address: _____
Street Address: _____
2200 Mission College Boulevard
City: Santa Clara State: CA Zip: 95052
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
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 Other _____
James B. Crossland - June 27, 2003
Anil Aggarwal - June 26, 2003
Execution Date: _____

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: 06/27/2003
A. Patent Application No.(s) 10608708 B. Patent No.(s) _____
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Aslam A. Jaffery
Internal Address: _____
07/02/2003 SSESHE1 00000041 10608708
04 FC:8021 40.00 00
Street Address: Blakely Sokoloff Taylor & Zafman
12400 Wilshire Boulevard, Seventh Floor
City: Los Angeles State: CA Zip: 90025-1030

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ 40.00
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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.
Aslam A. Jaffery, Reg. No. 51,841 [Signature] June 27, 2003
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:
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PATENT
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10/608708
06/27/03

07/02/2003 SSESHE1 00000041 10608708
04 FC:8021 40.00 00

Attorney's Docket No.: 42P16351

ASSIGNMENT

(For Execution Prior To Filing Patent Application)

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

Per Hammarlund, James B. Crossland, Anil Aggarwal and Shivnandan D. Kaushik

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Blvd., Santa Clara, CA 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 has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

QUEUED LOCKS USING MONITOR-MEMORY WAIT

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:

_____, 20____
Date Name: Per Hammarlund

6/27/, 2003 *James B. Crossland*
Date Name: James B. Crossland

6/26/, 2003 *Anil*
Date Name: Anil Aggarwal

_____, 20____
Date Name: Shivnandan D. Kaushik

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

_____, 20____
Date

6/27, 2003
Date

6/26/, 2003
Date

_____, 20____
Date

State of: _____ } Assignment Document Return Address:
 _____ } SS. **BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP**
 County of: _____ } 12400 Wilshire Blvd., Seventh Floor
 Los Angeles, CA 90025-1030
 (303) 740-1980

On this _____ day of _____, 20____, before me, _____,
 the undersigned Notary Public, personally appeared _____
 personally known to me proved to me on the basis of satisfactory evidence to be the
 person(s) whose name(s) _____ subscribed to the within instrument, and acknowledged that
 executed it.
 WITNESS my hand and official seal.

Notary's Signature