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To the Director of the United States Patent

attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

Li Zhao; Ravishankar Iyer; Ramesh Illikkal;  
Srihari Makineni; Donald Newell

10-6-08

Additional names(s) of conveying party(ies)

☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s): August 10, 2006

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

**2. Name and address of receiving party(ies):**Name: Intel CorporationAddress: 2200 Mission College BoulevardCity: Santa ClaraState/Prov.: CACountry: USA ZIP: 95052

Additional name(s) &amp; address(es)

☐ Yes ☒ No**4. Application or patent numbers(s):**

A. Patent Application No. (s)

11/503,633

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Mark J. RozmanRegistration No.: 42,117Address: TROP, PRUNER & HU, P.C.1616 S. Voss Road, Suite 750City: HoustonState/Prov.: TXCountry: USA ZIP: 77057Phone Number: 512-418-9944Fax Number: 713-468-8883Email Address: rozman@tphm.com**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers

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Signature

Mark J. Rozman

Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (671)273-0140, or mailed to:  
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1460, Alexandria, VA 22313-1460

PATENT  
REEL: 021660 FRAME: 0831

## **ASSIGNMENT**

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

**LI ZHAO; RAVISHANKAR IYER; RAMESH ILLIKKAL;  
SRIHARI MAKINENI; DONALD NEWELL**

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 USA ("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 inventions and improvements that are disclosed in the application for the United States patent entitled:

### **PROVIDING QUALITY OF SERVICE (QoS) FOR CACHE ARCHITECTURES USING PRIORITY INFORMATION**

(I hereby authorize and request my attorney, associated with Customer Number 47795, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on August 14, 2006 as

United States Application Number 11/503,633 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

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

agree that said Assignee may apply for and receive a patent or patents for said inventions and 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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and

**Attorney Docket No.: ITL1403US (P24235)**

improvements and for vesting title to said inventions and 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.

  
\_\_\_\_\_  
LI ZHAO

8/10/06  
(Today's Date)

  
\_\_\_\_\_  
RAVISHANKAR IYER

8/10/06  
(Today's Date)

  
\_\_\_\_\_  
RAMESH ILLIKKAL

8/10/06  
(Today's Date)

  
\_\_\_\_\_  
SRIHARI MAKIMENI

08/10/06  
(Today's Date)

  
\_\_\_\_\_  
DONALD NEWELL

8/10/06  
(Today's Date)