03-21-2002

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM **PTO-1595** (Rev. 6-93)

Michael A. Proksch Name of Person	Signing $oldsymbol{\mathcal{U}}$	Signature Date Sheet, attachments, and document:
DBYRNE 00000143 10026398 40.00 GP		1/ / February 28, 2002
9. Statement and signature. To the best of my knowledge and	belief, the foregoing is true a	nd correct and any attached copy is a true copy of the original doct
	DO NOT U	SE THIS SPACE
City: Los Angeles State: Q	<u></u>	(Attach duplicate copy of this page if paying by deposit account)
7ID 0000		02-2666
Street Address: 12400 Wilshire Boulevard 7th Floor		8. Deposit Account Number:
Internal Address:		⊠ Enclosed □ Authorized to be charged to deposit account
Name: Blakely, Sokoloff, Taylor & Zafman LLP		7. Total Fee (37 CFR 3.41)\$ 40.00
Name and address of party to concerning document should be n	whom correspondence	6. Total number of applications and patents involved:
10/020,390	Additional numb	ers attached?
A. Patent Application N		B. Patent No.(s)
	ether with a new application	on, the execution date of the application is:
Execution Date: 2/13/02, 2/22/02		Additional name(s)& address(es) attached? No Yes
		Country: USA
3. Nature of Conveyance: ⋉ Assignment ⊢ Security Agreement □ C		City: Santa Clara State: CA Zip: 95052-81
No ☐ Yes		Street Address: 2200 Mission College Boulevard
Additional name(s) of conveying party(ies) attached?		Internal Address:
	3.8.02	
Robert J. Royer, Jr.; Jeanna N. Matthews		Name: Intel Corporation
I Dobort I Dovor Ir : Iconno N		

Mail documents to be recorded with required cover sheet information to: Assistant Commissioner of Patents, Box Assignments Washington, D.C. 20231

Docket No. 42390P12940

Attorney's Docket No.: 42390P12940

ASSIGNMENT

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

Robert J. Royer, Jr.; Jeanna N. Matthews

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 95052-8119 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 filed on December 21, 2001, and assigned Application No. 10/026,398 and is entitled:

METHOD AND SYSTEMS TO CACHE METADATA

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 application;

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 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 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 representatives in securing and maintaining proper patent protection for said inventions and 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

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PATENT REEL: 012685 FRAME: 0062 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:

2/(3/e2_	Name: Robert J. Royer, Jr.
2/22/02 Date	Name: Jeanna N. Matthews
Date	Name:

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, CA 90025-1026
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RECORDED: 03/08/2002