02-15-2002

1 OND NO. 0001-0011 (EXD. 4/34)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 984292
To the Honorable Commissioner of Patents and Trademarks.	Please record the attached original documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving party(ies):
Alex A. Lopez-Estrada; Mark P. VanDeusen	- 1 / 1
2.7.02	Name: Intel Corporation
Additional name(s) of conveying party(ies) attached?	Internal Address:
	Street Address: 2200 Mission College Boulevard
3. Nature of Conveyance:	
	City: Santa Clara State: CA ZIP: 95052-
Other	8110
Execution Date: 12/03/01	Country: USA
	Additional name(s)& address(es) attached? No Yes
Application number(s) or patent number(s): If this document is being filed together with a new application.	ation, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/967,440	
Additional nu	umbers attached?
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$ 40.00
Internal Address:	 ☑ Enclosed ☐ Authorized to be charged to deposit account
Street Address: 12400 Wilshire Boulevard	Authorized to be charged to deposit account
7th Floor	8. Deposit Account Number:
	02-2666
City: <u>Los Angeles</u> State: <u>CA</u> ZIP: <u>900</u>	(Attach duplicate copy of this page if paying by deposit account)
DO NO	T USE THIS SPACE
30	
Statement and signature. To the best of my knowledge and belief, the foregoing is true	and correct and any attached copy is a true copy of the original document
	,
 1	
Thien T. Nguyen	December 11, 2001
Name of Person Signing	Signature Date
Total number of pages including cover	er sheet, attachments, and document:
Mail documents to be record	ed with required cover sheet information to:

01 FD:531

Assistant Commissioner of Patents, Box Assignments

Washington, D.C. 20231

Docket No. 42390P11761

40.70 00

Attorney's Docket No.: 42390P11761

ASSIGNMENT

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

Alex A. Lopez-Estrada; Mark P. VanDeusen

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 September 27, 2001, and assigned Application No. 09/967,440 and is entitled:

METHOD, APPARATUS, AND SYSTEM FOR EFFICIENT RATE CONTROL IN AUDIO ENCODING

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 parents 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

Page 1 of 2

42390P11761

PATENT REEL: 012567 FRAME: 0413 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 that you signed the accompanying DECLARATION & POWER OF ATTORNEY
12/3/2441 Date	Name: Alex A. Lopez-Estrada Name: Mark P. VanDeusen	Date Date Date Date
Date	Name:	Date
Date	Name:	Date
Date	Name:	Date
Date	Name:	Date
Date	Name:	Date
Date	Name:	Date
Date	Name:	Date
Date	Name:	Date
Date	Name:	Date

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor Los Angeles, CA 90025-1026 Telephone: (714) 557-3800

RECORDED: 02/07/2002

Page 2 of 2

Each inventor: Please also list the