FORM <b>PTO-1595</b> Re (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005)		2434670	. DEPARTMENT OF Patent and Trac		
To the Honorable Commissioner of Patents and Tradema		2434679	documents or convither	enf	
Name of conveying party(ies):	AINO. FIUG	2. Name and address of r		eui.	
Ahmad H. Zamer					
		Name: Intel Corporation			
Additional name(s) of conveying party(ies) attache	Internal Address:				
No Yes	Street Address: 2200 M	ission College Bor	nlevard		
3. Nature of Conveyance:		Olloo, 1 (44) 000.	ission conege bot	Altorni G	
	City: Santa Clara State: CA Zip: 95052-8119				
Other	country: USA	Country: USA			
Execution Date: 4/21/03	Additional name(s)& address(	(es) attached? [3] No	Yes		
		, , , , , , , , , , , , , , , , , , , ,	(0) among (2)		** - 10 * 10 * 10 * 10 * 10 * 10 * 10 *
4. Application number(s) or patent number(s): If this document is being filed together with a new a	applicatio	on, the execution date of the	application is:		
A. Patent Application No.(s)	B. Pat	tent No.(s)			
10/317,606		i			
Additional nu	mbers atta	ached? 🛛 No 🗌 Yes			
Name and address of party to whom correspond concerning document should be mailed:		6. Total number of applica	ations and patents in	volved:	11
Name: Blakely, Sokoloff, Taylor & Zafman LLF	7. Total Fee (37 CFR 3.41)\$ 40.00				
Internal Address:					
Street Address: 12400 Wilshire Boulevard					
7th Floor		8. Deposit Account Numb	er:		
City: Los Angeles State: CA ZIP:	90025	02-2666 (Attach duplicate copy of thi	is page if paying by dep	osit accou	unt)
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9. Statement and signature. To the best of my knowledge and belief, the foregoing and belief.  Paul A. Mendonsa	is true and	d correct and any attached copy	ANCE SE	200 APR 28 AN 202	FFIEE OF PUBLIC RECORDS
Name of Person Signing	fan	gionatura	April 2	ota.	ECC
Total number of pages including	a cover s	heet, attachments, and docu	ment: 3		)RDS

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04/29/2003 ECDOPER 00000001 10317606

Assistant Commissioner of Patents, Box Assignments Washington, D.C. 20231

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Docket No. 42P15222

**PATENT REEL: 014002 FRAME: 0444**  Attorney's Docket No.: 42P15222

# **ASSIGNMENT**

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

## Ahmad H. Zamer

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 11, 2002, and assigned Application No. 10/317,606 and is entitled:

### DATA STORAGE

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 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 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: 014002 FRAME: 0445 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:

4/21/0	3 Amud Al. Tamer
Date	Name: Ahmad H. Zamer
Date	Name:

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor Los Angeles, CA 90025-1026 Telephone: (503) 684-6200

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> **PATENT** REEL: 014002 FRAME: 0446

RECORDED: 04/28/2003