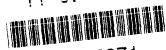
11-07-2002



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office



FORM PTO-1595 (Rev. 3/01) OMD NO. 0651-0011 exp. 5/31/2002) 10227	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.		
Name of conveying party(ies):	2. Name and address of receiving party(ies):	
James J. Dodd, David Puffer	Name: INTEL CORPORATION	
Additional name(s) of conveying party(ies) attached? ■ No □Yes /0・30・03	Internal Address:	
3. Nature of Conveyance	Street Address: 2200 Mission College Blvd.	
Assignment		
☐ Security Agreement ☐ Change of Name	City: Santa Clara State/Provence: CA Zip: 95052 .	
Other:	Country: U.S.A.	
Execution Date(s): 10/28/02 & 10/29/02	Additional name(s) & address(es) attached? ☐Yes ■No	
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: $\frac{10/29/02}{1}$		
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers attached? ☐ Yes ■ No		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Jeffrey B. Huter		
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$40.00	
Internal Address: 12400 Wilshire Boulevard, 7 th Floor	☐ Authorized to be charged to deposit account	
City: Los Angeles State: California Zip: 90025	8. Deposit Account Number:	
City. Los Angeles State. Camorina 219. 20025	02-2666	
	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and believe, the foregoing is true and correct and any attached copy is a true copy of the original document John Patrick Ward 40,216 Name of Person Signing Total number of pages including cover sheet, attachments, and document:		

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner of Patents, Box Assignments

Washington, D.C. 20231

Attorney Docket No. 42P15181

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Attorney's Docket No.: 42P15181

ASSIGNMENT

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

James M. Dodd; David Puffer

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 that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

MEMORY TRANSACTION ORDERING

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 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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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 /	Name: James M. Dodd
Oate	Name: David Puffer
Pate	Name:
ate	Name:
ate	Name:
Pate	Name:
ate	Name:
Date	Name:

Assignment Document Return Address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor Los Angeles, CA 90025-1026

Telephone: (408) 720-8300

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Attorncy's Docket No.: 42P15181

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James M. Dodd; David Puffer

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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 that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

MEMORY TRANSACTION ORDERING

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 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: 013454 FRAME: 0630

P.02/07

Each Inventor: Please Sign and Data Below:

covenant with said Assignce, 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.

Date	Name: James M. Dodd
10/29/02	Dank Puh
Date	Name: David Puffer
Date	Name:
Date	Namo:

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor Los Angeles, CA 90025-1026 Telephone: (408) 720-8300

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