

03-11-2005

FORM PTO-1595
(Rev. 10/02)
OMD No. 0651-0011 (exp. 6/30/2005)



102858060

DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Mauricio Breternitz, Jr.; Youfeng Wu; Tal Abir

2. Name and address of receiving party(ies):

Name: Intel Corporation

Additional name(s) of conveying party(ies) attached?

☒ No ☐ Yes

Internal Address:

Street Address: 2200 Mission College Boulevard

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

City: Santa Clara State: CA Zip: 95052

Country: USA

Execution Date: 06/23/04; 06/24/04 and 10-04-2004

Additional name(s) & address(es) attached? ☒ No ☐ Yes

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:

A. Patent Application No.(s)

10/877,931

B. Patent No.(s)

Additional numbers attached? ☒ No ☐ Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address:

Street Address: 12400 Wilshire Boulevard
7th Floor

City: Los Angeles State: CA ZIP: 90025

6. Total number of applications and patents involved:

1

7. Total Fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit Account Number:

02-2686

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

Fee OK

9. 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.

Thomas C. Webster

Name of Person Signing

Signature

October 20, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 7

Mail documents to be recorded with required cover sheet information to:


Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office

P.O. Box 1450
Alexandria, VA 22313-1450

Docket No. 42P18668

PATENT
REEL: 015761 FRAME: 0091

10/20/2004
700124596

FORM PTO-1598 (Rev. 10/02) OMB No. 0651-0011 (exp. 6/30/2005)		Recordation Form Cover Sheet PATENTS ONLY		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.					
1. Name of conveying party(ies): Mauricio Bretornitz, Jr.; Youfeng Wu; Tal Abir		2. Name and address of receiving party(ies): Name: Intel Corporation Internal Address: Street Address: 2200 Mission College Boulevard City: Santa Clara State: CA Zip: 95052 Country: USA			
Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		Execution Date: 06/23/04; 06/24/04 and 10-04-2004			
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:					
A. Patent Application No.(s) 10/877,931		B. Patent No.(s)			
Additional numbers attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman LLP Internal Address: Street Address: 12400 Wilshire Boulevard 7th Floor City: Los Angeles State: CA ZIP: 90025		6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: 02-2686 (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 belief, the foregoing is true and correct and any attached copy is a true copy of the original document.					
Thomas C. Webster Name of Person Signing		 Signature		October 20, 2004 Date	
Total number of pages including cover sheet, attachments, and document: 7					

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Docket No. 42P18668

CH \$40.00 022686 10877931

Attorney's Docket No.: 42P18668

ASSIGNMENT

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

Mauricio Breternitz, Jr.; Youfeng Wu; Tal Abir

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

Efficient Execution And Emulation Of Bit Scan Operations

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 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, power 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

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:

06-23-2004

Date

Name: Mauricio Breternitz, Jr.

Date

Name: Youfeng Wu

Date

Name: Tal Abir

Date

Name:

Date

Name:

Date

Name:

Date

Name:

Date

Name:

Date

Name:

Date

Name:

Date

Name:

Assignment Document Return Address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (408) 720-8300

Jun 24 04 12:22p

p. 2

Attorney's Docket No.: 42P18668

ASSIGNMENT

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

Mauricio Breternitz, Jr.; Youfeng Wu; Tal Abir

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

Efficient Execution And Emulation Of Bit Scan Operations

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 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, power 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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P. 3

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: Mauricio Breternitz, Jr.
6/24/04	Yanfeng Wu
Date	Name: Yanfeng Wu
Date	Name: Tal Abir
Date	Name:
Date	Name:
Date	Name:
Date	Name:
Date	Name:
Date	Name:
Date	Name:
Date	Name:

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (408) 720-8300

Attorney's Docket No.: 42P18668

ASSIGNMENT

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

Mauricio Breternitz, Jr.; Youfeng Wu; Tal Abir

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 in and to any and all inventions and improvements that are disclosed in the application for a United States patent filed on June 24, 2004, and assigned Application No. 10/877,931 and is entitled:

Efficient Execution And Emulation Of Bit Scan Operations

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, 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 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 right 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 and file all utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; convey 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 inventions and improvements, in said Assignee, its successors, assigns, and legal representatives; and

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Page 1 of 2

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

_____ Date	_____ Name: Mauricio Breternitz, Jr.
_____ Date	_____ Name: Youfeng Wu
<u>4/10</u> Date	<u>Tal Abir</u> Name: Tal Abir
_____ Date	_____ Name:
_____ Date	_____ Name:
_____ Date	_____ Name:
_____ Date	_____ Name:
_____ Date	_____ Name:
_____ Date	_____ Name:
_____ Date	_____ Name:

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