

DEPARTMENT OF COMMERCE
Patent and Trademark Office
223.000
se record the attached original documents or copy thereof.
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: 95052-8119
Country: USA
Additional name(s)& address(es) attached? No Yes
n, the execution date of the application is:
B. Patent No.(s)
· · · · · · · · · · · · · · · · · · ·
ached? No Yes
6. Total number of applications and patents involved.
7. Total Fee (37 CFR 3.41)\$ 40.00
⊠ Enclosed
Authorized to be charged to deposit account
8. Deposit Account Number:
02-2666
(Attach duplicate copy of this page if paying by deposit account)
SE THIS SPACE
d correct and any attached convince two convinctions of the arising decrease
d correct and any attached copy is a true copy of the original document
,
November 12, 2002
Signature Date
heet, attachments, and document:

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

Docket No. 42P13022

Attorney's Docket No.: 42P13022

ASSIGNMENT

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

Jasmin Ajanovic; David Harriman; Randolph L. Campbell; Jose A. Vargas; Clifford D. Hall; Prashant Sethi; Steve Pawlowski

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 August 23, 2002, and assigned Application No. 10/227,599 and is entitled:

A GENERAL INPUT/OUTPUT ARCHITECTURE, PROTOCOL AND RELATED METHODS TO SUPPORT LEGACY INTERRUPTS

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

42P13022 Page 1 of 2

PATENT REEL: 013492 FRAME: 0476 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:

11/4/2002	Yasur Aqua -
Date	Name: Jasmin Ajanovic
11/4/2002 Date 4 Nov 2002	Da Rum
Date	Name: David Harriman
Date	Name: Randolph L. Campbell
Date	Name: Jose A. Vargas
Date	Name: Clifford D. Hall
Date	Name: Prashant Sethi
Date	Name: Steve Pawlowski
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

Page 2 of 2

Attorney's Docket No.: 42P13022

ASSIGNMENT

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

Jasmin Ajanovic; David Harriman; Randolph L. Campbell; Jose A. Vargas; Clifford D. Hall; Prashant Sethi; Steve Pawlowski

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 August 23, 2002, and assigned Application No. 10/227,599 and is entitled:

A GENERAL INPUT/OUTPUT ARCHITECTURE, PROTOCOL AND RELATED METHODS TO SUPPORT LEGACY INTERRUPTS

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

42P13022 Page 1 of 2

PATENT REEL: 013492 FRAME: 0478 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: Jasmin Ajanovic
Date	Name: David Harriman
11/5/02 Date	<u>Kandolph J (amplul</u> Name: Randolph L. Campbell
11/5/2002	(18002-
$\frac{11/5/02}{\text{Date}}$ Date $\frac{11/5/2002}{\text{Date}}$ $\frac{11/5/2002}{\text{Date}}$	Name: Jose A. Vargas Name: Clifford D. Hall
11/5/2002 Date	Name: Clifford D. Hall Manual Lamber Name: Prashant Sethi
Date	Name: Steve Pawlowski
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

42P13022

Page 2 of 2

Attorney's Docket No.: 42P13022

ASSIGNMENT

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

Jasmin Ajanovic; David Harriman; Randolph L. Campbell; Jose A. Vargas; Clifford D. Hall; Prashant Sethi; Steve Pawlowski

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 August 23, 2002, and assigned Application No. 10/227,599 and is entitled:

A GENERAL INPUT/OUTPUT ARCHITECTURE, PROTOCOL AND RELATED METHODS TO SUPPORT LEGACY INTERRUPTS

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

42P13022 Page 1 of 2

PATENT REEL: 013492 FRAME: 0480 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: Jasmin Ajanovic
Date	Name: David Harriman
Date	Name: Randolph L. Campbell
Date	Name: Jose A. Vargas
Date	Name: Clifford D. Hall
Date 11/05/02 Date	Name: Prashant Sethi Name: Steve Pawlowski
 Date	Name:
Date	Name:
Date	Name:
Date	Name:

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, CA 20025-1026

Telephone: (503) 684-6200

42P13022 Page 2 of 2

RECORDED: 11/12/2002