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U.S. DEPARTMENT OF COMMERCE  
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FORM PTO-1595  
(Rev. 3/01)  
OMD NO. 0651-0011 exp. 5/31/2002)

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

1. Name of conveying party(ies):  
Dean A. Samara-Rubio, Andrew C. Alduino,  
Christina A. Frost

10-23-02

Additional name(s) of conveying party(ies) attached?  
 No  Yes

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

Name: Intel Corporation

Internal Address:

Street Address: 2200 Mission College Blvd.

City: Santa Clara State/Province: CA Zip: 95052

Country: USA

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

3. Nature of Conveyance

- Assignment  Merger
- Security Agreement  Change of Name
- Other:

Execution Date(s): 10-09-02; 10-08-02, 10-17-02

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: 10-09-02

A. Patent Application No.(s)

B. Patent No.(s)

10/279398

Additional numbers attached?  Yes  No

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

James Y. Go

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address:

Street Address: 12400 Wilshire Boulevard, 7<sup>th</sup> Floor

City: Los Angeles State: California 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:

02-2666

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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*

James Y. Go. Reg. No.:40,621

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:  3

Mail documents to be recorded with required cover sheet information to:  
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34973 U.S. PTO  
10/279398  
10/23/02

No.: P14582 (For Execution Prior To Filing Patent Application)

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

the undersigned, Dean A. Samara-Rubio, Andrew C. Alduino, and Christina A. Frost

hereby sell, assign, and transfer to Intel Corporation

a corporation of Delaware, having a principal place of business at

2200 Mission College Blvd., Santa Clara, CA 95052, ("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 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 METHOD AND APPARATUS FOR SENSING A TEMPERATURE ALONG AN OPTICAL PATH IN SEMICONDUCTOR MATERIAL

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said 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 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 applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said 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 improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said 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:

10/9, 2002  
Date Name: Dean A. Samara-Rubio

10/8, 2002  
Date Name: Andrew C. Alduino

10/17, 2002  
Date Name: Christina A. Frost

\_\_\_\_\_, 20\_\_\_\_  
Date Name:

\_\_\_\_\_, 20\_\_\_\_  
Date Name:

\_\_\_\_\_, 20\_\_\_\_  
Date Name:

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

10/9, 2002  
Date

10/8, 2002  
Date

10/17, 2002  
Date

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_, 20\_\_\_\_  
Date

State of: \_\_\_\_\_ }  
County of: \_\_\_\_\_ }

Assignment Document Return Address:  
SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, CA 90025-1026  
(408) 720-8598

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, \_\_\_\_\_,  
the undersigned Notary Public, personally appeared \_\_\_\_\_  
[ ] personally known to me [ ] proved to me on the basis of satisfactory evidence to be the  
person(s) whose name(s) \_\_\_\_\_ subscribed to the within instrument, and acknowledged  
that \_\_\_\_\_ executed it.  
WITNESS my hand and official seal.

Notary's Signature