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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

1c715 U.S. S. 10/19/01

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

1. Name of conveying party(ies):  
**Shlomo Ovadia, Ansheng Liu** 10-19-01  
Additional name(s) of conveying party(ies) attached?  
 No  Yes

2. Name and address of receiving party(ies):  
Name: Intel Corporation  
Internal Address: \_\_\_\_\_

3. Nature of Conveyance  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
Execution Date(s): October 19, 2001

Street Address: 2200 Mission College Blvd.,  
City: Santa Clara State/Province: CA Zip: 95052  
Country: USA  
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: 10-19-01  
A. Patent Application No.(s) 20/004030  
Additional numbers attached?  Yes  No

B. Patent No.(s)

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

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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 [Signature] 10-19-01  
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:  
Assistant Commissioner of Patents, Box Assignments  
Washington, D.C. 20231

Atty Docket No.: 042390P12966

12/10/2001 HADD0F01 00000033 10004030  
03 F0:581 40.00

PATENT  
REEL: 012353 FRAME: 0858

Attorney's Docket

**ASSIGNMENT**

**PATENT**

No.: 042390.P12966 (For Execution Prior To Filing Patent Application)

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

the undersigned, Shlomo Ovadia and Ansheng Liu,

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 OF A SEMICONDUCTOR-BASED TUNABLE OPTICAL DISPERSION COMPENSATION SYSTEM WITH MULTIPLE CHANNELS

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:**

10/19, 2001      Shlomo Ovadia  
 Date                      Name: Shlomo Ovadia

10/19, 2001      Ansheng Liu  
 Date                      Name: Ansheng Liu

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

\_\_\_\_\_, 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:**

10/19, 2001  
 Date

10/19, 2001  
 Date

\_\_\_\_\_, 20\_\_\_\_  
 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  
 (206) 292-8600

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