

11/7/05

11-10-2005



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

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): Tae-Woong Koo; Selena Chan; Xing Su; Zhang Jingwu; Mineo Yamakawa; Val M. Dubin
Additional name(s) of conveying party(ies) attached? [X] No [ ] Yes

2. Name and address of receiving party(ies): Name: Intel Corporation
Internal Address:
Street Address: 2200 Mission College Boulevard

3. Nature of Conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other
Execution Date: 10/31/05; 10/31/05; 10/31/05; 11/1/05; 11/1/05; 11/2/05

City: Santa Clara State: CA Zip: 95052
Country: United States
Additional name(s) & address(es) attached? [X] No [ ] Yes

4. Application number(s) or patent number(s): [ ] This document is being filed together with a new application.
A. Patent Application No.(s) 11/226,696
B. Patent No.(s)
Additional numbers attached? [X] No [ ] Yes

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman
Internal Address:
Street Address: 12400 Wilshire Boulevard 7th Floor
City: Los Angeles State: CA ZIP: 90025

6. Total number of applications and patents involved:
7. Total Fee (37 CFR 3.41).....\$ 40.00
[X] Enclosed [X] 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 belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

11/08/2005 BNYRME 00000025 11226696 40.00 DP 01 FC:0021

Farzad E. Amini
Name of Person Signing

[Signature]
Signature

November 2, 2005
Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

Docket No. 42P19689X

PATENT REEL: 017191 FRAME: 0129

## **ASSIGNMENT**

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

**Tae-Woong Koo; Selena Chan; Xing Su; Zhang Jingwu; Mineo Yamakawa; Val M. Dubin**

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 United States ("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 September 13, 2005, and assigned Application No. 11/226,696 and is entitled:


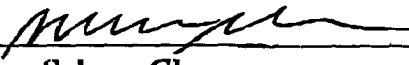


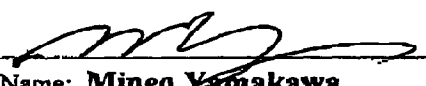
### **SENSOR ARRAYS AND NUCLEIC ACID SEQUENCING APPLICATIONS**

and in and to said application and all provisional, 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 provisional, 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.

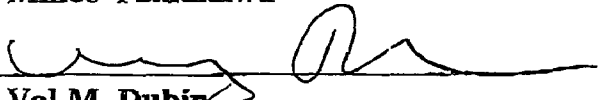
**Each Inventor: Please Sign and Date Below:**

<u>10/31/2005</u>	<u></u>
Date	Name: <b>Tae-Woong Koo</b>
<u>10-31-2005</u>	<u></u>
Date	Name: <b>Selena Chan</b>
<u>10/21/05</u>	<u></u>
Date	Name: <b>Xing Su</b>
<u>11/1/05</u>	<u></u>
Date	Name: <b>Zhang Jingwu</b>
<u>11/1/05</u>	<u></u>
Date	Name: <b>Mineo Yamakawa</b>
<u>          </u>	<u>          </u>
Date	Name: <b>Val M. Dubin</b>
<u>          </u>	<u>          </u>
Date	Name:
<u>          </u>	<u>          </u>
Date	Name:
<u>          </u>	<u>          </u>
Date	Name:
<u>          </u>	<u>          </u>
Date	Name:
<u>          </u>	<u>          </u>
Date	Name:

**Assignment Document Return Address:**  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (310) 207-3800

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: <b>Tae-Woong Koo</b>
_____ Date	_____ Name: <b>Selena Chan</b>
_____ Date	_____ Name: <b>Xing Su</b>
_____ Date	_____ Name: <b>Zhang Jingwu</b>
_____ Date	_____ Name: <b>Mineo Yamakawa</b>
<u>11/2/05</u> Date	 Name: <b>Val M. Dubin</b>
_____ Date	_____ Name:
_____ Date	_____ Name:
_____ Date	_____ Name:
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