

3/31/05

04-15-2005



102982039

Attorney Docket No.: 42P18697

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Peter L.D. Chang and Brian S. Doyle**  
Additional name(s) of conveying party(ies) attached?  
 No  Yes

2. Name and address of receiving party(ies):  
Name: **Intel Corporation**  
a Corporation of Delaware  
Internal Address:

113007 U.S. PTO  
11/097429



033105

3. Nature of Conveyance  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
Execution Date(s): **03.31.2005 and 03.31.2005**

Street Address: **2200 Mission College Boulevard**  
City: **Santa Clara** State/Province: **California** Zip: **95052**  
Country: **United States of America**  
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: **03.31.2005**  
A. Patent Application No.(s):  
B. Patent No.(s)

Additional numbers attached?  Yes  No

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, 7<sup>th</sup> Floor**  
**Los Angeles, California 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)

DO NOT USE THIS SPACE

9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**Lester J. Vincent, Reg. No. 31,460**  
Name of Person Signing

Signature

**March 31, 2005**  
Date

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

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

04/14/2005 ECOOPER 00000120 11097429  
01 FC:8021 (40.00 OP)

Based on Form PTO-1595 as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 05/09/03

PATENT  
REEL: 016453 FRAME: 0789

No.: 42P18697 (For Execution Prior To Filing Patent Application)

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

the undersigned, Peter L.D. Chang and Brian S. Doyle

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, ("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

SELF-ALIGNED CONTACTS FOR TRANSISTORS

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:**

3/31/05, 20  
Date

Name: Peter L.D. Chang

3/31, 2005  
Date

Name: Brian S. Doyle

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

3/31/05, 2005  
Date

3/31, 2005  
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  
 (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