

05-07-2001

FORM PTO-1595

(Rev. 6-93)

OMD No. 0651-0011 (exp. 4/94)

Recordation Form Cc

PATENTS ON

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To the Honorable Commissioner of Patents and Trademarks. Please record.

## 1. Name of conveying party(ies):

Qing Ma; Jin Lee; Harry Fujimoto;  
Changhong Dai; Shiuh-Wuu Lee; Travis  
Eiles; Krishna Seshan

## 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**

Additional name(s) of conveying party(ies) attached?

☒ No ☐ Yes

## 3. Nature of Conveyance:

☒ Assignment ☐ Change of Name☐ Security Agreement☐ Other☐ Merger **11/01/99**Execution Date: **10/26/99**, **10/27/99**, **10/28/99**Additional name(s) & address(es) attached? ☒ No ☐ Yes

## 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:

A. Patent Application No.(s)

**09/374,502**

B. Patent No.(s)

Additional numbers attached?

FEB - 9 2001

## 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**  
**7th Floor**City: **Los Angeles** State: **CA** 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 belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

**Clive D. Menezes**

Name of Person Signing

Signature

**October 6, 2000**

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

Attorney Docket No. **042390.P6623**PATENT  
REEL: 011775 FRAME: 0352

11-16-1999



401200973

U.S. Department of Commerce  
Patent and Trademark Office

**PATENT**

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

**MRD 11/9/99**

TO: The Commissioner of Patents and Trademarks : Please record the attached original document(s) or copy(ies).

**Submission Type**

- ☒ New  
☐ Resubmission (Non- Recordation)

Document ID # \_\_\_\_\_

- ☐ Correction of PTO Error

Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

- ☐ Corrective Document

Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

- ☒ Assignment ☐ Security Agreement

- ☐ License ☐ Change of Name

- ☐ Merger ☐ Other \_\_\_\_\_

*U.S. Government*

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Attorney Docket No: 42390.P6623

**Conveying Party (ies)**

- ☒ Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name (1st party) Qing Ma

10/26/99

Name (2nd party) Jin Lee

10/27/99

Name (3rd party) Harry Fujimoto

10/27/99

Name (4th party) Changhong Dai

11/1/99

**Receiving Party**

- ☐ Mark if additional names of receiving parties attached

Name (line 1) Intel Corporation

Name (line 2) \_\_\_\_\_

Address (line 1) 2200 Mission College Boulevard

Address (line 2) \_\_\_\_\_

Address (line 3) Santa Clara

California

95052

City

State/Country

Zip Code

- ☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

(Complete only if receiving party is not domiciled in the United States)

Enter for the first Receiving Party only.

Name \_\_\_\_\_

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_

Address (line 4) \_\_\_\_\_

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, **PATENT**

**REEL: 011775 FRAME: 0353**

**Correspondent Name and Address**

**Area Code and Telephone Number** 503-264-8080

Name Robert G. Winkle, Intel Corporation

Address (line 1) c/o BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP

Address (line 2) 12400 Wilshire Boulevard

Address (line 3) Seventh Floor

Address (line 4) Los Angeles, California 90025

**Pages**

Enter the total number of pages of the attached conveyance document.

# 6

**Application Number (s) or Patent Number (s)**

☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number (s)**

**Patent Number (s)**

09/374,502

If this document is being filed together with a **new** Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a  
U.S. Application Number has not been  
assigned.

PCT

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PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

**Fee Amount for Properties Listed (37 CFR 3.41):** \$ 40.00

Method of Payment:

Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

**Deposit Account Number:** # 02-2666

**Authorization to charge additional fees:**

Yes ☒

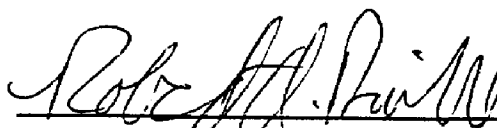
No ☐

**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. Charges to deposit account are authorized, as indicated herein.*

Robert A. Diehl

40,992



11/15/99

Name of Person Signing

Registration No.

Signature

Date

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**PATENT**

REEL: 011775 FRAME: 0354

**CONTINUATION OF  
RECORDATION FORM COVER SHEET**

**PATENT**

**Conveying Party (ies)**

*Enter additional Conveying Parties*

☐ Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name Shiuh-Wuu Lee

11/1/99

Name Travis Eiles

10/28/99

Name Kishna Seshan

10/27/99

Name \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

**Receiving Party (ies)**

*Enter additional Receiving Party(ies)*

☐ Mark if additional names of receiving parties attached

Name (line 1) \_\_\_\_\_

Name (line 2) \_\_\_\_\_

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_

City

State/Country

Zip Code

Name (line 1) \_\_\_\_\_

Name (line 2) \_\_\_\_\_

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_

City

State/Country

Zip Code

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**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).*

**Patent Application Number(s)**

**Patent Number(s)**



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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**ASSIGNMENT**

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, Qing Ma, Jin Lee, Harry Fujimoto, Changhong Dai, Shih-Wuu Lee, Travis Eiles, and Kishna Seshan

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, 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 was filed August 13, 1999, and assigned Application No. 09/374,502 and is entitled

**ISOLATION STRUCTURE CONFIGURATIONS FOR  
MODIFYING STRESSES IN SEMICONDUCTOR DEVICES.**

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

OCT 27 1999 11:01AM BLAKELY ET AL  
Attorney's Docket No.: 42390.P0023P. 55/55  
PATENT

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.

Date: 10/26/99 19 99

Name: Qing Ma

Date: 10/27/99 19 99

Name: Jin Lee

Date: Oct 27 19 99

Name: Harry Fujimoto

Date: 11/1 19 99

Name: Changhong Dai

Date: 11/1 19 99

Name: Shiuh-Wuu Lee

Date: \_\_\_\_\_ 19 \_\_\_\_

Name: Travis Eiles

Date: \_\_\_\_\_ 19 \_\_\_\_

Name: Krishna Seshan

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, California 90025-1026  
(503) 684-6200

**ASSIGNMENT**

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, Qing Ma, Jin Lee, Harry Fujimoto, Changhong Dai, Shiuh-Wuu Lee, Travis Eiles, and Kishna Seshan

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, 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 was filed August 13, 1999, and assigned Application No. 09/374,502 and is entitled

**ISOLATION STRUCTURE CONFIGURATIONS FOR  
MODIFYING STRESSES IN SEMICONDUCTOR DEVICES.**

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

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P. 3  
P. 2

Attorney's Ucket No.: 42390.F0023

P. 55/55  
**PATENT**

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.

Date: 10/26/99 19 99 [Signature]  
Name: Qing Ma

Date: 10/27/99 19 99 [Signature]  
Name: Jin Lee

Date: Oct 27 19 99 [Signature]  
Name: Harry Fujimoto

Date: \_\_\_\_\_ 19 \_\_\_\_  
Name: Changhong Dai

Date: \_\_\_\_\_ 19 \_\_\_\_  
Name: Shih-Wuu Lee

Date: 10/28/99 19 99 [Signature]  
Name: Travis Eiles

Date: \_\_\_\_\_ 19 \_\_\_\_  
Name: Krishna Seshan

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAPMAN LLP  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, California 90025-1026  
(503) 684-6200



**ASSIGNMENT**

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, Qing Ma, Jin Lee, Harry Fujimoto, Changhong Dai, Shiuh-Wuu Lee, Travis Eiles, and Kishna Seshan

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a corporation of Delaware, having a principal place of business at  
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("Assignee"),

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**ISOLATION STRUCTURE CONFIGURATIONS FOR  
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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


2-23-1995 7:09PM  
OCT-24-1999 19:40

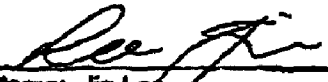
FROM COMPONENTS RESEARCH 408 765 2949  
EL CTM

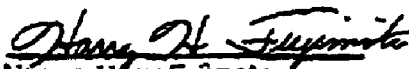
NOV 03 '99 04:50PM  
408 765 8351 P.02/03  
P. 4  
PATERI

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, licence, 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.

Date: 10/26/99 19 99   
Name: Qing Ma

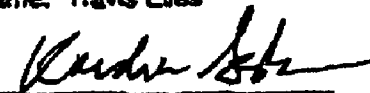
Date: 10/27/99 19 99   
Name: Jin Lee

Date: Oct 27 19 99   
Name: Harry Fujimoto

Date: \_\_\_\_\_ 19 \_\_\_\_  
Name: Changhong Dai

Date: \_\_\_\_\_ 19 \_\_\_\_  
Name: Shuh-Wuu Lee

Date: \_\_\_\_\_ 19 \_\_\_\_  
Name: Travis Elias

Date: 10/27/99 19 \_\_\_\_   
Name: Krishna Seshan

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Blvd., Seventh Floor  
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