

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Victor Ku</td><td>05/03/1999</td></tr><tr><td>Delbert Parks</td><td>05/03/1999</td></tr></tbody></table>	Name	Execution Date	Victor Ku	05/03/1999	Delbert Parks	05/03/1999	
Name	Execution Date						
Victor Ku	05/03/1999						
Delbert Parks	05/03/1999						
RECEIVING PARTY DATA							
Name:	VLSI Technology, Inc.						
Street Address:	1109 McKay Drive						
City:	San Jose						
State/Country:	CALIFORNIA						
Postal Code:	95131						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>6383918</td></tr></tbody></table>	Property Type	Number	Patent Number:	6383918			
Property Type	Number						
Patent Number:	6383918						
CORRESPONDENCE DATA							
Fax Number:	(408)518-5671						
Phone:	4						
Email:	peter.zawilski@nxp.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Peter Stephen Zawilski						
Address Line 1:	NXP Intellectual Property & Licensing						
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Address Line 4:	San Jose, CALIFORNIA 95134						
ATTORNEY DOCKET NUMBER:	A 051151USA						
NAME OF SUBMITTER:	PETER ZAWILSKI						
Total Attachments: 4 source=6383918-Inventor-VLSI#page1.tif source=6383918-Inventor-VLSI#page2.tif source=6383918-Inventor-VLSI#page3.tif source=6383918-Inventor-VLSI#page4.tif							

CH \$40.00 6383918

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PATENT  
REEL: 027150 FRAME: 0185

05-28-1999



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5.14.99

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PATENTS ONLY

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

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☐ Resubmission (Non-Recordation)  
Document ID#   
☐ Correction of PTO Error  
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Reel #  Frame #

Conveyance Type

☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
**U.S. Government**  
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☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached  
Execution Date  
Month Day Year  
05 03 1999

Name (line 1) KU, Victor

Name (line 2)

Second Party

Execution Date  
Month Day Year  
05 03 1999

Name (line 1) PARKS, Delbert

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

☐ 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.)

Name (line 1) VLSI Technology, Inc.

Name (line 2)

Address (line 1) 1109 McKay Drive

Address (line 2)

Address (line 3) San Jose CA 95131  
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Mikio Ishimaru

Address (line 1) The Law Offices of Mikio Ishimaru

Address (line 2) 1046 Pinenut Court

Address (line 3)

Address (line 4) Sunnyvale, CA 94087

5/26/99 JSH:APZ 00000049 500374 09270123  
FC:181 40.00 CP

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Mail documents to be recorded with required cover sheet(s) information to:  
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PATENT

REEL: 0099PATFRAME: 0274

REEL: 027150 FRAME: 0186

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Expires 06/30/99  
OMB 0651-0027

Page 2

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Correspondent Name and Address**

Area Code and Telephone Number (408) 738-0592

Name Mikio Ishimaru

Address (line 1) The Law Offices of Mikio Ishimaru

Address (line 2) 1046 Pinenut Court

Address (line 3)

Address (line 4) Sunnyvale, CA 94087

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 2

**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)

09/270,123

Patent Number(s)

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

PCT

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:

# 50-0374

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.

Mikio Ishimaru

Name of Person Signing



Signature

May 11, 1999

Date

PATENT

REEL: 009978 FRAME: 0275  
REEL: 027150 FRAME: 0187

## ASSIGNMENT

WHEREAS, the undersigned (hereinafter termed Assignor(s)) has/have invented certain new and useful improvements in

### "METHODS FOR REDUCING SEMICONDUCTOR CONTACT RESISTANCE"

for which a United States patent application has been concurrently executed on the date of this assignment.

WHEREAS, VLSI TECHNOLOGY, INC., a corporation of the State of Delaware, having a place of business at 1109 McKay Drive, San Jose, CA 95131, (hereinafter termed Assignee), is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patents thereon when granted in the United States and foreign countries.

NOW, THEREFORE, for good and valuable consideration received by said Assignor(s) from said Assignee, the receipt of which is hereby acknowledged by said Assignor(s):

1. Said Assignor(s) does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignor(s); and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any said application, and in and to each and every reissue or extension of said Letters Patent.
2. Said Assignor(s) hereby covenants and agrees to cooperate with said Assignee where said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of letters patent included herein, or for interference proceedings involving said invention and/or said improvements and (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignor(s) in lending such assistance and cooperation shall be paid by the Assignee.
3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives and shall be binding upon said Assignor(s), his/her heirs, legal representatives and assigns.
4. Said Assignor(s) hereby warrants and represents that he/she has not entered into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

05/03/99  
Date

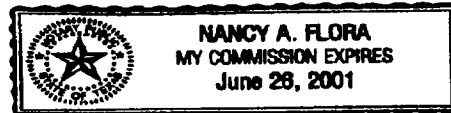
Victor Ku  
Victor Ku

STATE OF Texas )  
 )ss.  
COUNTY OF Bexar )

On May 3, 1999 before me, Nancy A. Flora, Notary Public, personally appeared Victor Ku, known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Nancy A. Flora



IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

5/03/99  
Date

Delbert Parks  
Delbert Parks

STATE OF Texas )  
 )ss.  
COUNTY OF Bexar )

On May 3, 1999 before me, Nancy A. Flora, Notary Public, personally appeared Delbert Parks, known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Nancy A. Flora

