

02-18-1999



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Conveyance Type

Assignment



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Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1)

RUSS, Richard D.

Execution Date
Month Day Year
01 25 1999

Name (line 2)

Second Party

Name (line 1)

THOMAS, Daniel

Execution Date
Month Day Year
02 08 1999

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

VLSI TECHNOLOGY, INC.

Name (line 2)

Address (line 1)

1109 McKay Drive

Address (line 2)

Address (line 3)

San Jose

California

95131

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**

Enter for the first Receiving Party only.

Name

Mikio Ishimaru

Address (line 1)

The Law Offices of Mikio Ishimaru

Address (line 2)

1046 Pinenut Ct.

Address (line 3)

Sunnyvale, CA 94087

Address (line 4)

(02/17/1999 DCOATES 00000086 500374 09189701
01 FC:581 40.00 CH)

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231**PATENT**
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FORM PTO-1619B

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 Ct.

Address (line 3) Sunnyvale, CA 94087

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Pages

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

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2

Application Number(s) or Patent Number(s)☐

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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)

09/189,701

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

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Number of Properties

Enter the total number of properties involved.

#

1

Fee Amount

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

40.00

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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:

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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

Mikio Ishimaru

Signature

February 12, 1999

Date

ASSIGNMENT

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

CHEMICAL-MECHANICAL-POLISHING SYSTEM WITH CONTINUOUS FILTRATION

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.

JANUARY 25, 1999
Date

Richard D. Russ
Richard D. Russ

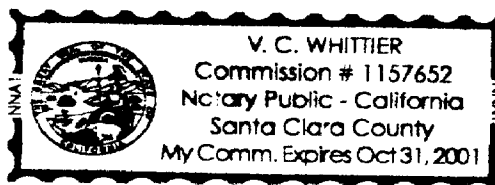
STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On January 25, 1999 before me, V. C. Whittier, Notary Public, personally appeared Richard D. Russ 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

V. C. Whittier



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

Feb 8, 1999
Date

Daniel Thomas
Daniel Thomas

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On February 8, 1999 before me, V. C. Whittier, Notary Public, personally appeared Daniel Thomas 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

V. C. Whittier

