

09-18-1998

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☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
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Conveying Party(ies)

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Execution Date
Month Day Year
08311998

Name (line 1) Nallan, Padmapani
Name (line 2)

Second Party

Name (line 1) Chinn, Jeffrey
Name (line 2)
Execution Date
Month Day Year
08311998

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☐ 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) Applied Materials, Inc.
Name (line 2) Legal Affairs Department
Address (line 1) 3050 Bowers Avenue
Address (line 2) Mail Stop 2061
Address (line 3) Santa Clara CA 95054
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

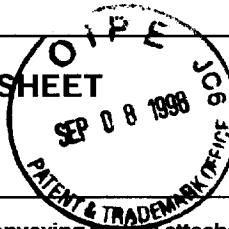
09/11/1998 09:11:00 AM
02 FCA 501 40.00 CH
Name 00000019 011651 09116621
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Conveying Party(ies)

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Execution Date
Month Day Year

Name (line 1) Yuen, Stephen

08311998

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

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Address (line 1)

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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)

Correspondent Name and Address

Area Code and Telephone Number (415) 538-1555

Name Patent Counsel

Address (line 1) Legal Affairs Department

Address (line 2) APPLIED MATERIALS, INC.

Address (line 3) P.O. Box 450A

Address (line 4) Santa Clara, CA 95052

Pages

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

2

Application Number(s) or Patent Number(s)

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Patent Application Number(s)

09116621

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

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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

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:

01-1651

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.

Ashok K. Janah, Reg. No. 37,487

Name of Person Signing

Signature

Date

9/1/98

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

- | | | | |
|----|---|----|---|
| 1) | Padmapani Nallan
1235 Wildwood Avenue, #322
Sunnyvale, California 94089 | 3) | Stephen Yuen
2435 Ruth Cabral Way
Santa Clara, California 95050 |
| 2) | Jeffrey Chinn
605 St. Croix Lane
Foster City, California 94404 | | |

(hereinafter referred to as Assignors), have invented a certain invention entitled:

***"PROCESS FOR ETCHING SILICON-CONTAINING LAYERS
ON SEMICONDUCTOR SUBSTRATES"***

for which application for Letters Patent in the United States was filed on **July 16, 1998**, under Serial No. **09/116,621**, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title, and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates, and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer, and convey to Assignee the full and exclusive right, title, and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title, and interest to said Invention

herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title, and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions, and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives, and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) 8/31, 1998

Padmapani Nallan
Padmapani Nallan

2) 8/31, 1998

Jeffrey Chinn
Jeffrey Chinn

3) 8/31, 1998

Stephen Yuen
Stephen Yuen