

10-04-2000

Docket No.: AM3125

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
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POB/REV02



EET U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101479644

8.4.00

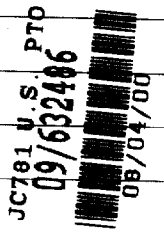
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Ted Guo
Jing-Pei Chou
Liang-Yuh Chen
Roderick Craig Mosely

7-25-2000
7-31-2000
8-4-2000
7-31-2000

2. Name and address of receiving party(ies):
Name: **Applied Materials, Inc**
Internal Address: _____
Street Address: **PO Box 450A**
City: **Santa Clara,** State: **CA** ZIP: **95052**



Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: See Above

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is: 8-4-2000
A. Patent Application No.(s)
B. Patent No.(s)

09632486

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Robert Mulcahy**
Internal Address: **Legal Department**
Applied Materials, Inc

Street Address: **PO Box 450A**

City: **Santa Clara** State: **CA** ZIP: **95052**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
50-1074

10/02/2000 DBTRNE 00000136 301074 09632486
01 FC:581 40.00 CH

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.

Robert W. Mulcahy
Name of Person Signing

[Signature]
Signature

8/4/00
Date

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

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Ted Guo 3156 Morris Drive Palo Alto, California 94303	2)	Jing-Pei Chou 1400 Melbourne Street Foster City, California 94404
3)	Liang-Yuh Chen 1400 Melbourne Street Foster City, CA 94404	4)	Roderick C. Mosely 4337 Diavila Avenue Pleasanton, California 94588

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

**“METHOD FOR FORMING ALUMINUM LINES OVER ALUMINUM-FILLED VIAS
IN A SEMICONDUCTOR SUBSTRATE”**

for which application for Letters Patent in the United States was filed on *8-4-2000*
under Serial No. *Unknown* ; 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 of extension of any of said Patents.


2. Said Assignors hereby covenant and agree to cooperation with said Assignee to enable said Assignee to enjoy 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 here in 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.

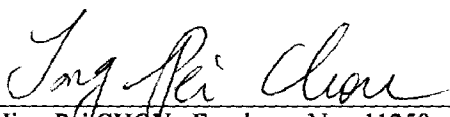
IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) July 25, 2000



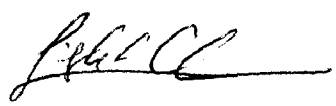
Ted GUO, Employee No. 11677

2) July 31, 2000



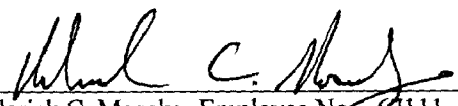
Jing-Pei CHOU, Employee No: 11258

3) Aug. 4th, 2000



Liang-Yuh CHEN, Employee No: 63394

4) July 31, 2000



Roderick C. Mosely, Employee No. 67111