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Attorney Docket No. 017074002510

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PATENT  
REEL: 011634 FRAME: 0416

3-19-01

04/04/2001 ANMED1 00000115 201430 09699285

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**Correspondent Name and Address**

Area Code and Telephone Number

650-326-2400

Name Townsend and Townsend and Crew LLP

Address (line 1) Two Embarcadero Center

Address (line 2) Eighth Floor

Address (line 3) San Francisco, CA 94111

Address (line 4)

**Pages**

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

# 3

**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)

09/699,285

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

Method of Payment:  
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Enclosed

Deposit Account

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

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Authorization to charge additional fees:

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Chun-Pok Leung, Reg. No. 41,405

Name of Person Signing



Signature

3-15-01

Date

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, David G. Halley, of 2780 Covey Lane, Los Osos, CA 93402; hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Multi-Action Chemical Mechanical Planarization Device and Method

Date(s) of execution of Declaration:

Filing Date: October 26, 2000

Application No.: 09/699,285; and

WHEREAS, STRASBAUGH, located at 825 Buckley Road, San Luis Obispo, CA, 93401, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: 3/6/01

David G. Halley