

12-19-2000



101555088

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RECORDATION FORM COVERSHEET

PATENTS

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

1. Name and address of conveying party:

Bio-Rad Microscience Limited,
a company incorporated in England and Wales
Bio-Rad House
Maylands Avenue
Hemel Hempstead, U.K.

2. Name and address of receiving party:

ASTI Operating Company, Inc.
a Delaware corporation
520 Clyde Avenue
Mountain View, CA 94043

3. Nature of conveyance:

Grant of entire Patent right, title and interest

Execution Date July 31, 2000

4. Application numbers and patent numbers:

A. Patent Application Nos.

B. Patent Registration Nos.

5,797,114

5. Name and address of party to whom correspondence concerning document should be mailed

Brian Hutchings, Esq.
O'Melveny & Myers LLP
153 East 53rd Street
New York, NY 10022

6. Total number of applications and registrations involved:

1

7. Total fee:

\$40.00 (Enclosed)

8. Deposit Account Number:

N/A

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 documents.

Brian Hutchings
Name of Person Signing

Brian Hutchings
Signature

11/27/00
Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET: 4

09-25-2000



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Brian Hutchings
Signature

9/14/00
Date

09/25/2000 DNGUYEN 00000431/5797114

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TOTAL NUMBER OF PAGES COMPRISING COVER SHEET: 4

NY1:767412.1

PATENT
REEL: 011333 FRAME: 0310

ASSIGNMENT OF PATENT

This Assignment of Patent ("Assignment") made by Bio-Rad Microscience Limited, a company incorporated in England and Wales ("Assignor"), having a business address at Bio-Rad House, Maylands Avenue, Hemel Hempstead, U.K., to ASTI Operating Company, Inc., a Delaware corporation ("Assignee"), is made on and effective as of July 31, 2000.

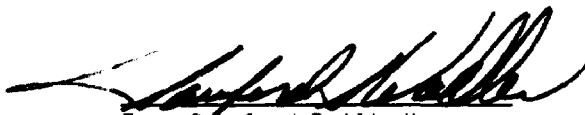
WHEREAS, Assignor is the owner of the right, title and interest in and to that certain patent listed on Schedule 1 annexed hereto (the "Patent"); and

WHEREAS, Assignee desires to acquire all of Assignor's right, title, and interest in and to the Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee its entire right, title and interest in and to the Patent in the United States and foreign countries, including all reissues, divisions, continuations and extensions of the Patent, all rights of action arising from the Patent, all claims for damages by reason of past infringement of the Patent and the right to sue and collect damages for such infringement, to be held and enjoyed by the Assignee for its own use and benefit and for its successors and assigns.

IN WITNESS WHEREOF, Assignor and Assignee have executed this Assignment on the dates set forth below.

Assignor:
Bio-Rad Microscience Limited

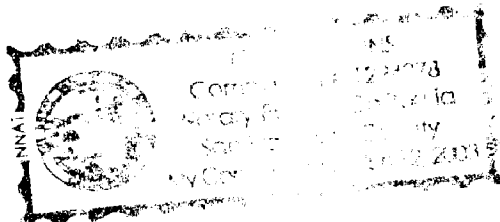


By: Sanford S. Wadler
Title: Director

State of California)
County of SF)

On 7/28 before me, Gail Hutchins, personally appeared Sanford Wadler personally 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



Assignee:
ASTI Operating Company, Inc.

Bruce Rhine

By:
Title:

State of California)
County of SF)

On 7/28 before me, Gail Hutchins, personally appeared Bruce Rhine, personally 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.

Gail Hutchins



SCHEDULE 1

TITLE	PATENT/ APPLICATION NO.	DATE ISSUED OR FILED
Method and apparatus for mapping of semiconductor materials	US 5,797,814	08/18/98