SMS/JMS C/M P 346 235 415 10-26-1998 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office (Rev.6-93) R SHEET R OMB No. 0651-0011 (sxp.4/94) 100859285 WSGH FORM 23 (rev. 2/98) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) NORTHEASTERN UNIVERSITY MAXAM, INC. Internal Address: MRD 10-13-48 Additional name(s) of conveying party(ies) attached? [] Yes X] No Street Address: 360 Huntington Avenue 3. Nature of conveyance: [] Assignment [] Merger [] Security Agreement [] Change of Name State [X Other Correction to Assignment Previous recorded at Reel/Frame
Date: June 8, 1998 9275/0411 Additional name(s) & address(es) attached? [] Yes K No Execusion Date: Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s)

08/232,391

08/197,112

09/012,902

Additional numbers attached? [] Yes [X] No

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

Weingarten, Schurgin, Gagnebin & Hayes LLP

Ten Post Office Square Boston, Massachusetts 02109

- 6. Total number of applications and patents involved: [3]
- 7. Total fee (37 CFR 3.41).....\$ 120.00

X Enclosed

[] Authorized to be charged to deposit account

8. Deposit account number: ___

(Attach duplicate copy of this page if paying by deposit account)

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.

Attorney name: Stanley M. Schurgin Registration No. 20,979

Total number of pages including cover sheet, attachments, and document: [8]

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

10/22/1996 TTOH11 00000187 08232391

01 FC:581

120.00 OP

PATENT **REEL: 9522 FRAME: 0496**

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments

Washington, D.C. 20231

Name of Person Signing

ASSIGNMENT

WHEREAS, MAXAM, INC., a Delaware corporation, having a principal place of business at 66 Summer Street, Foxboro, Massachusetts 02035 (hereinafter Assignor), is the sole and exclusive owner of the entire right, title and interest in and to certain United States and foreign patents and patent applications as identified in Schedule A attached hereto and in and to the inventions disclosed therein; and

WHEREAS, NORTHEASTERN UNIVERSITY, a Massachusetts corporation, having its principal place of business at 360 Huntington Avenue, Boston, Massachusetts 02115 (hereinafter Assignee) is desirous of acquiring the right, title and interest in and to said United States and foreign patents and patent applications identified in Schedule A hereto and in and to the inventions disclosed therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby assign unto Assignee, its successors and assigns, all right, title and interest throughout the United States, its territories and all foreign countries; in and to the United States and foreign patents and patent applications identified in Schedule A hereto and in and to the inventions disclosed therein, including the right to claim priority thereto under the International Convention; and in and to such patents as may issue on such applications, and all divisions, reissues, continuations, certificates of reexamination and extensions thereof; together with all rights of action and recovery for past infringement thereof; for the full term or terms for which any and all such patents may be granted; as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made.

AND, Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all patents of the United States granted on such United States patent applications to Assignee, its successors and assigns.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its duly authorized officer this ______ day of ______, 1998.

MAXAM, INC.

Name: John R. Martin

Title: President

Witness:

Date: June 8, 1998

PATENT REEL: 9522 FRAME: 0498 SCHEDULE A

To Assignment dated June 8, 1998 between MAXAM, INC. and NORTHEASTERN UNIVERSITY.

U.S. PENDING

Application No. Title Inventors Docket No. 08/232,391 MICROSPECTROMETER Paul M. Zavracky, et al. 08/197,112 Paul M. Zavracky MONOLITHICALLY **FABRICATED** MICROSPECTROMETER 09/012,902 09/012,901 LIGHT MODULATING Paul M. Zavracky DEVICE

121646

PATENT REEL: 9522 FRAME: 0499

RECORDED: 10/13/1998