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OMB No. 0651-0027 (exp. 6/30/2005)

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U.S. PTO 10/749363



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

1. Name of conveying party(ies):

Thomas A. Mitchell

12-31-03

2. Name and address of receiving party(ies)

Name: Wavefront Research, Inc.

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Execution Date: 12/30/03

Street Address: 616 West Broad Street

City: Bethlehem State: PA Zip: 18018

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

4. 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: 12/30/03

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Jerry Cohen

Internal Address: Perkins, Smith & Cohen, LLP

Street Address: One Beacon Street

City: Boston State: MA Zip: 02108

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed Authorized to be charged to deposit account

8. Deposit account number:

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9. Signature.

Orlando Lopez, Reg. No. 46,880

Name of Person Signing

Signature

December 31, 2003

Date

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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ASSIGNMENT

WHEREAS, I, Thomas A. Mitchell, a resident of Nazareth, Pennsylvania (hereinafter referred to as "Assignor"), have made an invention entitled REFRACTIVE RELAY SPECTROMETER, which claims priority of U.S. Provisional Application Serial No. 60/437,564 filed December 31, 2002, and for which an application for a United States Patent is being filed herewith.

WHEREAS, Wavefront Research, Inc., a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, having its principal place of business at 616 West Broad Street, Bethlehem, PA 18018 (hereinafter referred to as "Assignee"), is desirous of acquiring right, title and interest in said invention.

NOW, THEREFORE, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor by these presents, does sell, assign and transfer to Assignee, Assignor's entire right, title and interest, for the United States of America and its possessions and territories and for all foreign countries, in and to said invention, including all rights of priority created and conferred by any treaty or international convention which is available in connection with said invention, including the right to apply for patent rights, U.S. or foreign, and in any continuations, divisions, substitutes, renewals, reissues or other applications filed in the U.S. or abroad (including multinational filing arrangements of all kinds), and in any U.S. or foreign patents issued on any such applications and reissues, extensions and renewals thereof, to be held and enjoyed by Assignee, for its own use and behalf and for its successors and assigns, to the full ends of the terms or extended terms for which any Letters Patents or the like may be granted, as fully and entirely as the same would have been held by Assignor had this sale, assignment and transfer not been made.

Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any official of any country or countries (including multinational filing arrangements of all kinds), whose duty it is to receive and/or examine applications for patents or similar industrial property, issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to Assignee, its successors and assigns, in accordance with the terms of this instrument.

Assignor covenants with Assignee, its successors, assigns, and legal representatives that Assignor has full right to convey the entire interest herein assigned, and that Assignor has not executed any agreement in conflict herewith and will not execute any agreement or conveyance in conflict herewith.

Assignor further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, including, without limitation, application papers, assignments, powers of attorney, declarations, and other

