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PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Dileep Agnihotri

Execution Date(s) October 20, 2005

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

2. Name and address of receiving party(ies)

Name: Jordan Valley Applied Radiation Ltd.

Internal Address: P.O. Box 103

Street Address: _____

City: Migdal Haemek

State: _____

Country: ISRAEL Zip: 23100

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
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☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

10/689,314

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: AMSTER, ROTHSTEIN & EBENSTEIN LLP

Internal Address: ATTN: MICHAEL J. BERGER, ESQ.

Street Address: 90 PARK AVENUE

City: NEW YORK

State: NEW YORK Zip: 10016

Phone Number: (212) 336-8000

Fax Number: (212) 336-8001

Email Address: MBERGER@ARELAW.COM

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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Authorized User Name Amster Rothstein et al.

9. Signature:

Michael J. Berger / bml
Signature

December 6, 2005

Date

Michael J. Berger, Reg. No. 25,829

Name of Person Signing

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

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PATENT
REEL: 017091 FRAME: 0505

ASSIGNMENT

WHEREAS, Dileep Agnihotri, a citizen of India, residing at 8104 Ancona Trail, Round Rock, Texas 78681, USA (hereinafter "the Assignor"), has invented certain new and useful improvements in X-RAY REFLECTOMETRY OF THIN FILM LAYERS WITH ENHANCED ACCURACY for which Application No. 10/689,314 for United States Letters Patent was filed on October 20, 2003, and

WHEREAS Jordan Valley Applied Radiation Ltd. having a post office address of P.O. Box 103, Migdal Haemek, Israel 23100 (hereinafter "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the Assignee their full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the end of the term or terms for which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignor hereby authorizes the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assign, sell, transfer and set over unto the Assignee and its successors all priority rights under the aforesaid application.

Assignor further covenants to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

IN TESTIMONY WHEREOF, I have executed this document on the date(s)
indicated below.

Executed this 20th day of October, 2005,

Dileep Agnihotri
Dileep Agnihotri