FORM PTO-1619A Expires 06/30/99

OMB 0651-0027

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### Page 2

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Correspondent Name and Address Area Code and Telephone Number 212-697-5995				
Name Michael J. Berger				
Address (line 1) Amster, Rothstein & Ebenstein				
Address (line 2) 90 Park Avenue				
Address (line 3) New York, New York 10016				
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PATENT REEL: 011697 FRAME: 0974

UNITED STATES

### ASSIGNMENT

WHEREAS, the below named inventors, ASSIGNORS, have made a certain new and useful invention in:

### X-RAY REFLECTOMETER

for which a patent application specification is attached hereto and which is being executed concurrently herewith.

and WHEREAS, JORDAN VALLEY APPLIED RADIATION LTD. an Israel company having a place of business at P.O. Box 103, Migdal Haemek 23100, Israel, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all the divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from the said United States application under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other International agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

ASSIGNORS authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to the issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNORS covenant and agree that they have full right to convey the entire interest herein assigned, and have not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNORS further covenant and agree that they will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

PATENT REEL: 011697 FRAME: 0975 2

UNITED STATES ASSIGNMENT

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full name of first inventor: Boris YQKHIN		
nventor's signature	Date	14.03.01
Residence: Nazareth Illit, Israel Citizenship: Israel		
Post Office address: 7/6 Ganot Street, Nazareth Illit 1751	2, Israel	
Full name of second joint inventor: Alexander DIKOPOI		
inventor's signature	Date	19.03.01
Residence: Haifa, Israel Ditizenship: Israel		,
Post Office address: 23/2 Hatikhon Street, Haifa 32296,	Israel	
Full name of third joint inventor: Isaac MAZOR		
Inventor's signature & M	Date	4/04/01
Residence: Haifa, Israel		
Citizenship: Israel Post Office address: 29 Hague Street, Denia, Haifa 3498	0 Israel	
t Ost Office addiess. 29 Hague Bucci, Della, Imila 3470	o, isinoi	
Full name of fourth joint inventor: David BERMAN		
Inventor's signature	Date	14.03.01
Residence: Tivon, Israel Citizenship: Israel		
Chizenship: istaet Post Office address: 17 Haveradim Street, Tivon, Israel		

PATENT **RECORDED: 04/12/2001 REEL: 011697 FRAME: 0976**