MRD 9, 28.98 10	U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks: F	
Name of conveying party(ies): YURI MOUSHEV James Ritter YURI TERENT/EV Leonid Velikov dditional name(s) of conveying party(ies) attached? I Yes XNO	2. Name and address of receiving party(ies):
. Nature of conveyance:	
Assignment D Merger	Street Address: 47000 Warm Springs Blvd.
□ Security Agreement □ Change of Name	Street Address: <u>47000 Warm Springs Blvd.</u> Unit 360 City: <u>Fremont</u> State: (<u>A</u> ZIP: <u>94539</u>
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Execution Date: <u>Aug. 20/98</u>	Additional name(s) & address(es) attached?
f this document is being filed together with a new application, A. Patent Application No.(s)	B. Patent No.(s)
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Name and address of party to whom correspondence concerning document should be mailed: Name: LCONID VELIKOV	6. Total number of applications and patents involved:
Internal Address:	7. Total fee (37 CFR 3.41)\$_40
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	Authorized to be charged to deposit account
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City: San Carlos State: CA ZIP: 94070	(Attach dublicate copy of this page if paying by deposit account)
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B. Statement and signature To the best of my knowledge and belief, the foregoing inform of the original document. LCUNIC Velikey Name of Person Signing	mation is true and correct and any attached copy is a true copy Akg 20/98 Signature Date

Form 16-2B

PATENT REEL: 9491 FRAME: 0435

ASSIGNMENT OF INVENTION AND PATENT APPLICATION

For value received, WE, YURI MAISHEV of Russian Federation 113208, Sumskoy Proezd 21, Bldg. 1, Apt. 43, Moscow, Russia, JAMES RITTER of 44856 Vista Del Sol, Fremont, California 94539, USA, YURI TERENTIEV of Russian rederation 129224, Studeny Proezd 28, Apt. 54, Moscow, Russia, and LEONID VELIKOV of 1371 Greenbrier Road, San Carlos, California 94070, USA (hereinafter ASSIGNORS), hereby sell, assign, transfer, and set over unto ADVANCED ION TECHNOLOGY, INC. of 47000 Warm Springs Blvd., Unit 360, Fremont, California 94539, USA and its successors or assigns (hereinafter ASSIGNEE) 100% of the following: (A) ASSIGNORS' right, title and interest in and to the invention entitled " COLD-CATHODE ION SOURCE WITH PROPAGATION OF IONS IN THE ELECTRON DRIFT PLANE" invented by ASSIGNORS; (B) the application for United States patent therefor, signed by ASSIGNORS [Yuri Maishev, James Ritter, Yuri Terentiev, and Leonid Velikov], U.S. Patent And Trademark applications which are continuations, continuations-in-part, substitutes, or divisions of said applications. ASSIGNORS authorize ASSIGNEE to enter the date of signature and/or Serial Number and Filing Date in the spaces above. ASSIGNORS also authorize and request the Commissioner of Patents and Trademarks to issue any resulting patent(s) as follows: [100] % to ADVANCED ION TECHNOLOGY, INC, [0] % to ASSIGNEE as follows: [0%] to Yuri Maishev, [0%] to James Ritter, [0%] to Yuri Terentiev, and [0%] to Leonid Velikov.

ASSIGNORS hereby further sell, assign, transfer, and set over unto ASSIGNEE, the above percentage of ASSIGNORS' entire right, title, and interest in and to said invention in each and every country foreign to the United States; and ASSIGNORS further convey to ASSIGNEE the above percentage of all priority rights resulting from the above-identified application of the United States patent. ASSIGNORS agrees to execute all papers, give any required testimony, and perform any other lawful acts, at ASSIGNEES' expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE'S interests in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and ASSIGNEE'S interests therein.

The testimony whereof ASSIGNORS have hereunto set their hands on the dates below

Yuri Maishev

James Ritter

Yuri Terentiev

Leonid Velikov

Date $\operatorname{Arig} \frac{20}{9.8}$

PATENT REEL: 9491 FRAME: 0436

RECORDED: 09/28/1998