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To the Director of the U.S. Patent

103573320

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University of New Mexico Albuquerque  
F49620-01-1-0354, FA9550-05-1-0300

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**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

11/462,561

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: UNITED STATES AIR FORCE

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**6. Total number of applications and patents involved:** \_\_\_\_\_

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0**

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Invention Title: Improvement of the output characteristics of Magnetrons using a transparent cathode

Inventor(s): Edl Schamiloglu, Mikhail I Fuks

U.S. Filing/Issue Date: 08/04/2006

Patent or Application Serial No.: 11/462,561

Grant/Contract Number(s): AFOSR F49620-01-1-0354, AFOSR FA9550-05-1-0300

Foreign Applications filed/intended in (countries): None

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of:

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 5<sup>th</sup> day of August, 2009  
By DAVID J. SCHMIDLY *DJ Schmidly*  
(Name of Grantee/Contractor Official) (Signature)  
Title PRESIDENT

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