

09-28-1998

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Aviezer Birk

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## 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: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

08/954,887

Additional numbers attached? [ ] Yes [X] No

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

Name: US ARMY RESEARCH LABORATORY

Internal Address: AMSRL-CS-C-IP (Carolyn Bourget)

Street Address: 2800 Powder Mill Road

City: Adelphi State: MD ZIP: 20783-1197

## 6. Total number of applications and patents involved:

-----&gt; 1 &lt;-----

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

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Signature

Date

9-14-98

Total number of pages including cover sheet, attachments, and document:-----&gt;3

**ASSIGNMENT OF INVENTION**

For use of this form, see AR 27-60; the proponent agency is OTJAG

Title of Invention: Method and Apparatus for Liquid Injection to Reduce Gun BarrelErosionInventor(s): Aviezer Birk\* Application Serial No.: 08/954,887\* Date Oath Executed: 9/29/97\* Filing Date: 10/9/97

(\* Data not known at execution may be added for better identification.)

I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.

2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.

3. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor:

AVIEZER  
(First name)AB  
(Middle Initial)BIRK  
(Last name)

Duty Address:

APG  
(Locality)HARFORD  
(County)MARYLAND  
(State)

Date:

Sep 29, 1997

Typed Name of Inventor:

Aviezer Birk

State of

Maryland

County of

Harford

) SS.

On the above date Aviezer Birk  
and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed.

known to me to be the individual described in  
act and deed.

(SEAL)

Charlotte E. Case

(Signature of notary public)

My Commission expires on

31 July 2001