

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	<b>APPLICATION NUMBER</b> <b>10/711651</b>			
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST				
CONVEYING PARTY DATA					
Name		Execution Date			
Thelma G. Manning		2004-09-29			
RECEIVING PARTY DATA					
Name	Street Address	Internal Address	City	State/Country	Postal Code
U.S. Government as Represented by the Secretary of the Army	RDECOM-ARDEC	AMSRD-AAR-GCL/BLDG 3	Picatinny	NEW JERSEY	07806-5000
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DATE SIGNED:	2004-09-29				
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:

Application of:

FLOYD J. HILDEBRANT  
THELMA G. MANNING  
AND  
RONALD L. SIMMONS

Serial No.: Herewith                      Group Art Unit: Unknown at Present

Filed: Herewith                      Examiner: Unknown at Present

FOR: A SINGLE BASE IM PROPELLANT USING BUNENA AS ENERGETIC  
PLASTICIZER

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ASSIGNMENT

I, Thelma Manning, as inventor of the above captioned invention, in consideration of the rights of the Government of the United States of America acquired by virtue of the circumstances under which the above-captioned invention was made, hereby:

1. Assign to the Government of the United States of America, 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-captioned invention, and any Provisional Applications, Patent Cooperation Treaty (PCT) applications, applications for patent, and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said applications and any reissue or extension of said Letters Patent.

**PATENT**  
**REEL: 015199 FRAME: 0380**