PATENT ASSIGNMENT

Electronic Version v08 Stylesheet Version v02

SUBMISSION TYPE:

NEW ASSIGNMENT

10/711651

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	INFW JERSEY	07806- 5000

CORRESPONDENCE DATA

FAX NUMBER: 9737245552

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 032170

NAME OF PERSON SIGNING:

Kathryn Vander Sande

2004-09-29

Total Attachments: 2 source=assgnpg1.tif source=assgnpg2.tif

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PATENT REEL: 015199 FRAME: 0378

Docket No.: 2000-021

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: 0379

Docket No.: 2000-021

- 2. Agree to assign to the Government upon its request, all right, 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, 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 knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interference and recording of title to patent applications and patents issuing thereon.

Date: 9/29/2004 Sullica State Manusing
THELMA'S: MANNING

ADDRESS: 29 Bromley Court, Montville, NJ 07045

State of: New Jersey)

) ss.

County of: Passaic

On the above date, Thelma G. Manning, known to me to be the individual described in and who executed the foregoing instrument, duly appeared before me and acknowledged to me that she executed the same as her own free act and deed.

(SEAL)

Signature of Notary

Notary's Commission Expires on:

KATHRYN E. VANDER SANDE NOTARY PUBLIC OF NEW JERSEY Commission Expires 9/19/2005

PATENT

REEL: 015199 FRAME: 0380