PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mr. Ernest L. Baker	03/21/2006
Mr. Arthur S. Daniels	03/24/2006

RECEIVING PARTY DATA

Name:	US Government as Represented by the Secretary of the Army
Street Address:	US ARMY RDECOM-ARDEC
Internal Address:	AMSRD-AAR-GCL/BLDG 3
City:	Picatinny
State/Country:	NEW JERSEY
Postal Code:	07806-5000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11277382

CORRESPONDENCE DATA

Fax Number: (973)724-5552

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

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Correspondent Name: Kathryn Vander Sande

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Address Line 2: AMSRD-AAR-GCL/BLDG 3

Address Line 4: Picatinny, NEW JERSEY 07806-5000

ATTORNEY DOCKET NUMBER: 2003-021

NAME OF SUBMITTER: Kathryn Vander Sande

Total Attachments: 3 source=assgnpg1#page1.tif

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PATENT REEL: 017359 FRAME: 0560 - \$40.00

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> PATENT REEL: 017359 FRAME: 0561

Docket No.: 2003-021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:

Application of:

ERNEST L. BAKER AND ARTHUR S. DANIELS

Serial No.: Herewith

Group Art Unit: Unknown at Present

Filed: Here

Herewith Examiner:

Unknown at Present

FOR: GEOMETRIC/MECHANICAL APPARATUS TO IMPROVE WELL

PERFORATOR PERFORMANCE

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

Sir:

ASSIGNMENT

We, Ernest L. Baker and Arthur S. Daniels, as inventors 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.

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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 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 our 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: 21 MAROL COMP TO MANED

ADDRESS: 86 Criggen Road, Wantage, NJ 07461

State of: New Jersey)

) ss.

County of: Passaic

On the above date, Ernest L. Baker, known to me to be the individual described in and who executed the foregoing instrument, duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(SEAL)

Kathum Vander Sende Signature of Notary

Kathryn Vander Sande, Notary Public of New Jersey

Notary's Commission Expires on: 09/19/2010

PATENT

REEL: 017359 FRAME: 0563

Docket No.: 2003-021

Date: 3/24/66 (MULLING DANIELS

ADDRESS: 21 White Meadow Road, Rockaway, NJ 07866

State of: New Jersey)

County of: Passaic)

On the above date, Arthur S. Daniels, known to me to be the individual described in and who executed the foregoing instrument, duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(SEAL)

Signature of Notary

Kathryn Vander Sande, Notary Public of New Jersey Notary's Commission Expires on: 09/19/2010

PATENT

REEL: 017359 FRAME: 0564

RECORDED: 03/24/2006