

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ning Ma	04/17/2007
Ralf J Muller	04/17/2007
Leyland Smith	04/17/2007
RECEIVING PARTY DATA	
Name:	Cyrus Solutions Corporation
Street Address:	1631 Pine Oak Drive
City:	Conroe
State/Country:	TEXAS
Postal Code:	77304
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12620387
CORRESPONDENCE DATA	
Fax Number:	(936)494-0102
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	936-441-0102
Email:	ccooke@cooke-law.com
Correspondent Name:	Claude E. Cooke, Jr.
Address Line 1:	2040 N Loop 336 West, Suite 123
Address Line 4:	Conroe, TEXAS 77304
ATTORNEY DOCKET NUMBER:	03.1004.04 - CYRUS
NAME OF SUBMITTER:	Claude E. Cooke, Jr.

OP \$40.00 12620387

Total Attachments: 7
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**PATENT
 REEL: 026719 FRAME: 0073**

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ASSIGNMENT

WHEREAS, WE, the undersigned inventors, of residence as listed, have invented certain new and useful improvements, for which application for United States Letters Patent is made, titled "Shape Memory Alloy Actuated Steerable Drilling Tool," the application having been executed on the date set forth below; and

WHEREAS, Cyrus Solutions Corporation (hereinafter referred to as "Assignee"), with an address of 1631 Pine Oak Drive, Conroe, Texas 77304, desires to acquire our entire rights, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all provisionals, divisions, reissues, continuations, continuations-in-part and extensions thereof; and we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all provisionals, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: Shape Memory Alloy Actuated Steerable Drilling Tool

Signature of Inventor: [Handwritten Signature]

Inventor's Name: Ning Ma

Residence (City, County, State): San Mateo, San Mateo County, California

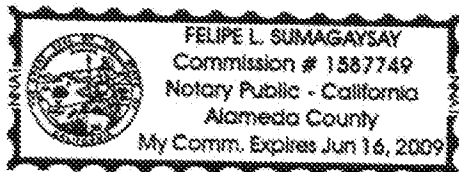
Date: 04/17/2007

State of CALIFORNIA
County of ALAMEDA

On this 17TH day of APRIL, 2007, before me, the undersigned notary public, personally appeared NING MA, known to me to be the person whose name is subscribed to the within instrument and acknowledged that he/~~she~~ executed the same for the purposes therein contained.

(Notary Seal)

[Handwritten Signature]
Notary Public



Title of Invention: Shape Memory Alloy Actuated Steerable Drilling Tool

Signature of Inventor: [Handwritten Signature]

Inventor's Name: Ralf J. Muller

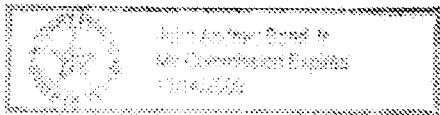
Residence (City, County, State): Conroe, Montgomery County, Texas

Date: 04/17/07

State of TEXAS

County of MONTGOMERY

On this 17th day of APRIL, 2007, before me, the undersigned notary public, personally appeared RALF J. MULLER, known to me to be the person whose name is subscribed to the within instrument and acknowledged that he/she executed the same for the purposes therein contained.



(Notary Seal)

[Handwritten Signature]
Notary Public

Title of Invention: Shape Memory Alloy Actuated Steerable Drilling Tool

Signature of Inventor: *Leyland Smith*

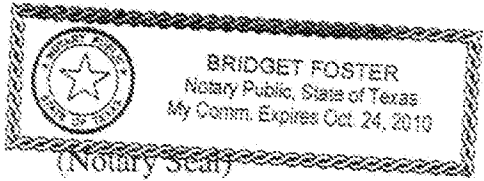
Inventor's Name: Leyland Smith

Residence (City, County, State): The Woodlands, Montgomery County, Texas

Date: 4/17/07

State of Texas
County of Harris

On this 17 day of April, 2007, before me, the undersigned notary public, personally appeared Leyland Smith, known to me to be the person whose name is subscribed to the within instrument and acknowledged that he/she executed the same for the purposes therein contained.



Bridget Foster
Notary Public

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Ning Ma; Ralf J. Muller; Leyland Smith;

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Cyrus Solutions Corporation

Internal Address: _____

Street Address: 1631 Pine Oak Drive

City: Conroe

State: TX

Country: US Zip: 77304

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) April 17, 2007

Assignment Merger

Security Agreement Change of Name

Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)

12/620,387

Additional numbers attached? Yes No

B. Patent No.(s)

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

Name: Claude E. Cooke, Jr.

Internal Address: _____

Street Address: 2040 N Loop 336 West, Suite 123

City: Conroe

State: TX Zip: 77304

Phone Number: (936) 441-0102

Fax Number: (936) 494-0102

Email Address: ccooke@burlesoncooke.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature: _____ /claudeecookejr/ _____ August 9, 2011
Signature Date

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 026719 FRAME: 0079

Guidelines for Completing Patents Cover Sheets (PTO-1595)

Cover Sheet information must be submitted with each document to be recorded. If the document to be recorded concerns both patents and trademarks separate patent and trademark cover sheets, including any attached pages for continuing information, must accompany the document. All pages of the cover sheet should be numbered consecutively, for example, if both a patent and trademark cover sheet is used, and information is continued on one additional page for both patents and trademarks, the pages of the cover sheet would be numbered from 1 to 4.

Item 1. Name of Conveying Party(ies).

Enter the full name of the party(ies) conveying the interest. If there is insufficient space, enter a check mark in the "Yes" box to indicate that additional information is attached. The name of the additional conveying party(ies) should be placed on an attached page clearly identified as a continuation of the information Item 1. Enter a check mark in the "No" box, if no information is contained on an attached page. If the document to be recorded is a joint research agreement, enter the name(s) of the party(ies) other than the owner of the patent or patent application as the conveying party(ies).

Item 2. Name and Address of Receiving Party(ies).

Enter the name and full address of the first party receiving the interest. If there is more than one party receiving the interest, enter a check mark in the "Yes" box to indicate that additional information is attached. Enter a check mark in the "No" box, if no information is contained on an attached page. If the document to be recorded is a joint research agreement, enter the name(s) of the patent or patent application owner(s) as the receiving party.

Item 3. Nature of Conveyance/Execution Date(s).

Enter the execution date(s) of the document. It is preferable to use the name of the month, or an abbreviation of that name, in order that confusion over dates is minimized. Place a check mark in the appropriate box describing the nature of the conveying document. If the "Other" box is checked, specify the nature of the conveyance.

Item 4. Application Number(s) or Patent Number(s).

Indicate the application number(s), and/or patent number(s) against which the document is to be recorded. National application numbers must include both the series code and a six-digit number (e.g., 07/123,456), and international application numbers must be complete (e.g., PCT/US91/12345).

Enter a check mark in the appropriate box: "Yes" or "No" if additional numbers appear on attached pages. Be sure to identify numbers included on attached pages as the continuation of Item 4. Also enter a check mark if this Assignment is being filed with a new application.

Item 5. Name and Address of Party to whom correspondence concerning the document should be mailed.

Enter the name and full address of the party to whom correspondence is to be mailed.

Item 6. Total Applications and Patents involved.

Enter the total number of applications and patents identified for recordation. Be sure to include all applications and patents identified on the cover sheet and on additional pages.

Block 7. Total Fee Enclosed.

Enter the total fee enclosed or authorized to be charged. A fee is required for each application and patent against which the document is recorded.

Item 8. Payment Information.

Enter the deposit account number and authorized user name to authorize charges.

Item 9. Signature.

Enter the name of the person submitting the document. The submitter must sign and date the cover sheet. Enter the total number of pages including the cover sheet, attachments, and document.

This collection of information is required by 35 USC 261 and 262 and 15 USC 1057 and 1060. The information is used by the public to submit (and by the USPTO to process) patent and trademark assignment requests. After the USPTO records the information, the records for patent and trademarks, assignments, and other associated documents can be inspected by the public. To view documents recorded under secrecy orders or documents recorded due to the interest of the federal government, a written authorization must be submitted. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the form to the USPTO. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Manager of the Assignment Division, USPTO, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement for Patent Assignment Recordation Form Cover Sheet

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with the above request for information. This collection of information is authorized by 35 U.S.C. 1, 2, 261 and E.O. 9424. This information will primarily be used by the USPTO for the recordation of assignments related to patents and patent applications. Submission of this information is voluntary but is required in order for the USPTO to record the requested assignment. If you do not provide the information required on the cover sheet, the assignment will not be recorded, and all documents will be returned to you.

After the information is recorded, the records and associated documents can be inspected by the public and are not confidential, except for documents that are sealed under secrecy orders or related to unpublished patent applications. Assignment records relating to unpublished patent applications are maintained in confidence in accordance with 35 U.S.C. 122. Records open to the public are searched by users for the purpose of determining ownership for other property rights with respect to patents and trademarks.

Routine uses of the information you provide may also include disclosure to appropriate Federal, state, local, or foreign agencies in support of their enforcement duties and statutory or regulatory missions, including investigating potential violations of law or contract and awarding contracts or other benefits; to a court, magistrate, or administrative tribunal in the course of presenting evidence; to members of Congress responding to requests for assistance from their constituents; to the Office of Management and Budget in connection with the review of private relief legislation; to the Department of Justice in connection with a Freedom of Information Act request; to a contractor in the performance of their duties; to the Office of Personnel Management for personnel studies; and to the General Services Administration (GSA) as part of their records management responsibilities under the authority of 44 U.S.C. 2904 and 2906. Such disclosure to GSA shall not be used to make determinations about individuals.