

06-07-2007



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To the Director of the U.S. Patent

103413959

documents or the new address(es) below.

1. Name of conveying party(ies)

Daniel Scott Homa
Brooks Childs

2. Name and address of receiving party(ies)

Name: Baker Hughes Incorporated
Internal Address: _____

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

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

Execution Date(s) 05/17/2007, 05/21/2007

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

Street Address: 3900 Essex Lane

City: Houston

State: TX

Country: United States of America Zip: 77027

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

06/06/2007 BYRNE 00000101 020429 11807151

40.00 DA

11/807151

Additional numbers attached? Yes No

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

Name: Baker Hughes Incorporated
Internal Address: J. Albert Riddle

Street Address: 3900 Essex Lane
Suite 1200

City: Houston

State: TX Zip: 77027

Phone Number: 713-439-8691

Fax Number: _____

Email Address: _____

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 by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 02-0429

Authorized User Name Baker Hughes Incorporated

9. Signature: Wendy W. Koba
Signature

May 25, 2007
Date

Wendy W. Koba
Name of Person Signing

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

PATENT APPLICATION ASSIGNMENT

WHEREAS, we, **Daniel Scott Homa**, a citizen of the United States of America, residing at 2500 Foxhunt Lane Apt. F, Blacksburg, Virginia 24060 and **Brooks Childs**, a citizen of the United States of America, residing at 1425 Red Hawk Run, Christiansburg, Virginia 24073 have invented new and useful improvements in a **Hydrogen-Resistant Optical Fiber/Grating Structure Suitable For Use In Downhole Sensor Applications** for which application is being made for Letters Patent and is further identified by Attorney's Docket No. **BHI 064-42897**.

WHEREAS, Baker Hughes Incorporated, a corporation of the State of Delaware, having a correspondence address of 3900 Essex Lane, Houston, Texas 77027, is desirous of acquiring our entire right, title and interest in said application and our Letters Patent which may issue thereon.

NOW, THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all our title and interest in and to said invention, patent application and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America. We further hereby assign and transfer to said corporation whatever cause of action we may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

We HEREBY covenant and agree that we will at any time, upon the request and at the expense of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and we authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.

IN TESTIMONY WHEREOF, I have executed this Assignment on the 17 day of May, 2007.

Dan Homa

Daniel Scott Homa

STATE OF VA {
COUNTY OF Montgomery {

BEFORE ME personally appeared the above-identified individual and acknowledged the foregoing Assignment to be his voluntary act and deed on the 17 day of May, 2007

Diane L Hykes

Notary Public in and for the State of Virginia

My Commission Expires: January 31, 2009

IN TESTIMONY WHEREOF, I have executed this Assignment on the 21 day of May, 2007.

Brooks Childers

Brooks Childers

STATE OF Virginia {
COUNTY OF Montgomery }

BEFORE ME personally appeared the above-identified individual and acknowledged the foregoing Assignment to be his voluntary act and deed on the 21 day of May, 2007.

Diana Hughes

Notary Public in and for the State of Virginia

My Commission Expires: January 31, 2009