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## PATENT ASSIGNMENT

# 11-20-2008

Electronic Version v1.1 Stylesheet Version v1.1

# 103535919

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Recorded document date and Incorrect Address for Assignee previously recorded on Reel 019427 Frame 0908. Assignor(s) hereby confirms the Doc date should be "03/21/2007"; address should be "2402 DRS Drive, Richmond, Texas 77406".

CONVEYING PARTY DATA

Execution Date
03/21/2007

### RECEIVING PARTY DATA

Name:	Dual Gradient Systems, LLC
Street Address:	2402 DRS Drive
City:	Richmond
State/Country:	TEXAS
Postal Code:	77406

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11788660

#### CORRESPONDENCE DATA

Fax Number:	(713)308-4162
Correspondence will be se	nt via US Mail when the fax attempt is unsuccessful.
Phone:	7137524578
Email:	mtidwellipdocket@jw.com
Correspondent Name:	Mark A. Tidwell
Address Line 1:	1401 McKinney Street, Suite 1900
Address Line 4:	Houston, TEXAS 77010

ATTORNEY DOCKET NUMBER:	122462.0010
NAME OF SUBMITTER:	Mark Tidwell

Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif

## PATENT REEL: 021870 FRAME: 0826

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OMB No. 0651-0027 (exp. 6/30/2005)       JUN 0 7 2007         Tab settings ⇒ ⇒ ⇒       ↓	06-13-2007 DEPARTMENT OF COMMERCE S. Patent and Trademark Office
To the Honorable Commissioner of Patents and	i locor i copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Luc deBoer	Name: Dual Gradient Systems, LLC
	Internal Address:
Additional name of conveying party(ies) attached? 🔲 Yes 🛛 No	
3. Nature of conveyance:	Street Address: 7516 Olympia
🛛 Assignment 🔲 Merger	
Security Agreement Change of Name	City: Houston State: TX Zip: 77063
Other Execution Date: June 1, 2007	Additional Name(s) & address(es) attached? 🗋 Yes 🛛 No
A. Patent Application No.(s) 007 DBYRNE 00000128 11788660 021 (40.00 DP Additional numbers a	B. Patent No.(s) ttached? □ Yes ⊠ No
<ol> <li>Name and address of party to whom correspondence concerning this document should be mailed:</li> </ol>	6. Total number of applications and patents involved: []
Name: Charles Kulkarni, Jackson Walker L.L.P.	7. Total fee (37 CFR 3.41)\$ <u>40.00</u>
	7. Total fee (37 CFR 3.41)\$ <u>40.00</u> ⊠ Enclosed
Name: Charles Kulkarni, Jackson Walker L.L.P.	
Name: Charles Kulkarni, Jackson Walker L.L.P.	Enclosed
Name: Charles Kulkarni, Jackson Walker L.L.P.	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> </ul>
Name:       Charles Kulkarni, Jackson Walker L.L.P.         Internal Address:	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> <li>10-0096</li> </ul>
Name:       Charles Kulkarni, Jackson Walker L.L.P.         Internal Address:	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> <li>10-0096</li> <li>(Attach duplicate copy of this page if paying by deposit account)</li> </ul>
Name:       Charles Kulkarni, Jackson Walker L.L.P.         Internal Address:	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>B. Deposit account number:         <ul> <li>10-0096</li> <li>(Attach duplicate copy of this page if paying by deposit account)</li> </ul> </li> <li>E THIS SPACE</li> </ul>
Name:       Charles Kulkarni, Jackson Walker L.L.P.         Internal Address:	Enclosed Authorized to be charged to deposit account 8. Deposit account number: 10-0096 (Attach duplicate copy of this page if paying by deposit account) SE THIS SPACE rmation is true and correct and any attached copy June 4, 2007 Signature Date cover sheet, attachments, and documents: 3
Name:       Charles Kulkarni, Jackson Walker L.L.P.         Internal Address:	Enclosed Authorized to be charged to deposit account 8. Deposit account number: 10-0096 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE Imation is true and correct and any attached copy June 4, 2007 Signature Date

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#### 11/19/2008 15:19 FAX

USPTO

TO:MARK A. TIDWELL COMPANY:1401 MCKINNEY STREET, SUITE 1900

#### PATENT ASSIGNMENT

WHEREAS, L CRAIG HENDRIE, ASSIGNOR, a citizen of the United Kingdom, residing at 2639 West Dallas Street, Houston, Texas 77019 and LUC DEBOER, ASSIGNOR, a citizen of The Netherlands, residing at 7516 Olympia, Houston, Texas 77063, are the inventors of the provisional application invention entitled DRILL STRING FLOW CONTROL VALVE, for which we have filed for a provisional patent application in the United States filed on April 21, 2006 as Serial No. 60/793,883 (the "Patent Application"); and

WHEREAS, DUAL GRADIENT SYSTEMS, LLC, a Texas limited liability company, ASSIGNEE, is desirous of obtaining the entire right, title and interest in to and under the Patent Application and all technology described therein:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the said ASSIGNORS, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said ASSIGNORS, hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, logal representatives and assigns, the entire right, title and interest in, to the Patent Application and the technology described therein, including, without limitation, any invention described therein, and all United States or foreign non-provisionals, divisions, renewals and continuations thereof, and all Patents of the United States or any foreign country which may be granted thereon and all reissues thereof; and all applications for industrial property protection. including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said Patent Application or any other application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models and design which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions,

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TO: MARK A. TIDWELL COMPANY: 1401 MCKINNEY STREET, SUITE 1900

continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, we hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_\_, 2007.

Craig Hendrie, Inventor

IN TESTIMONY WHEREOF, we hereunto set my hand and seal this <u>21st day of</u> March , 2007.

Luc deBoer, Inventor

State of Texas )
County of \_\_\_\_\_)

Personally appeared before me this \_\_\_\_\_ day of \_\_\_\_\_\_ 2007, Craig Hendrie, known to me to be the person whose name is subscribed to the foregoing instrument, acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Notary Public

(SEAL)

My Commission expires\_\_\_\_\_

State of Texas Harris County of

Personally appeared before me this Astiday of March 2007, Luc deBoer, known to me to be the person whose name is subscribed to the foregoing instrument, acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

MARGARET E, TURNER atury Public, State of Taxa My Commission Explicit January 02, 2010 (SE

Notary Public

My Commission expires\_\_\_\_\_

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**RECORDED: 11/18/2008**