OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Of
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Sebastian Desmette Thomas Richard	Name: Diamant Drilling Services SA
Abdelhakim Hahati	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes	
3. Nature of conveyance/Execution Date(s):	Street Address: Rue du Spirou 57, Z.I.
Execution Date(s) 08/06/2007; 08/24/2007;	- Fleurus-Farciennes
	City: Fleurus
Security Agreement Change of Name	City:Fleurus
Joint Research Agreement	State:
Government Interest Assignment	Country: Belgium Zip: B-6220
Executive Order 9424, Confirmatory License	Country: <u>Beigium</u> Zip: <u>B-6220</u>
Other  4. Application or patent number(s):	Additional name(s) & address(es) attached?
11/884,723	B. Patent No.(s)
Additional numbers 5. Name and address to whom correspondence	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents
Additional numbers 5. Name and address to whom correspondence concerning document should be mailed:	attached? Yes 🕅 No
Additional numbers Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name:James_C. Wray	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40
Additional numbers 5. Name and address to whom correspondence concerning document should be mailed:	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 1
Additional numbers Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: James C. Wray Internal Address:	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 X Authorized to be charged by credit card Authorized to be charged to deposit account
Additional numbers          Additional numbers         Additional numbers         Additional numbers         Street Address:	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed
Additional numbers Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: James C. Wray Internal Address:	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 X Authorized to be charged by credit card Authorized to be charged to deposit account
Additional numbers          Additional numbers         Additional numbers         Additional numbers         Additional numbers         Street Address:         11/884,723         Additional numbers         Additional numbers         Additional numbers         Additional numbers         Street Address:         1493         Chain Bridge Road,         Suite 300	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed
Additional numbers          Additional numbers         Additional numbers         Additional numbers         Additional numbers         Street Address:         Street Address:         1493         Chain Bridge Road,         Suite 300         City:         McLean	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 X Authorized to be charged by credit card 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 Numbers1611
Additional numbers          Additional numbers         Additional numbers         Additional numbers         Street Address:         Street Address:         1493         Chain Bridge Road,         Suite 300         City:         Mathematical	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 X 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
Additional numbers          Additional numbers         Additional numbers         Additional numbers         Additional numbers         State:       Additional numbers         Name and address to whom correspondence         Concerning document should be mailed:         Name:       James C. Wray         Internal Address:       1493 Chain Bridge Road,         Suite 300       McLean         State:       VA       Zip:         22101       Zip:	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 X Authorized to be charged by credit card 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 Numbers1611
Attend Application NO.(S)         11/884,723         Additional numbers         5. Name and address to whom correspondence         concerning document should be mailed:         Name:       James C. Wray         Internal Address:         Street Address:       1493 Chain Bridge Road,         Suite 300         City:       McLean         State:       VA         Zip:       22101         Phone Number:       703-442-4800         Fax Number:       703-448-7397	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 X Authorized to be charged by credit card 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 Numbers1611 Expiration Date01/10
Attent Application NO.(S)         11/884,723         Additional numbers         5. Name and address to whom correspondence         concerning document should be mailed:         Name:       James C. Wray         Internal Address:	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 X Authorized to be charged by credit card 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
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At Fatent Application NO.(S)         11/884,723         Additional numbers         5. Name and address to whom correspondence         concerning document should be mailed:         Name:       James C. Wray         Internal Address:	B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 X Authorized to be charged by credit card 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

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 OP \$40.00 11884723

## PATENT REEL: 019785 FRAME: 0423

## JOINT ASSIGNMENT

WHEREAS, Sebastian DESMETTE, Thomas RICHARD and Abdelhakim HAHATI, hereinafter referred to as the ASSIGNORS, have jointly invented certain Improvements relating to DEVICE FOR MONITORING A DRILLING OR CORING OPERATION AND INSTALLATION COMPRISING SUCH A DEVICE, for which they jointly executed on even date herewith an application for Letters Patent to be filed in the United States Patent Office; and which is identified in the United States Patent Office as Serial No. <u>11/884,723</u>, filed <u>August 20, 2007</u>;

(The inventors authorize their attorney to complete the Serial Number and filing date when known.)

AND WHEREAS, **DIAMANT DRILLING SERVICES SA**, a Belgian corporation, located and doing business at Rue du Spirou 57, Z.I. Fleurus-Farciennes, B-6220 Fleurus, Belgium, hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof;

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell, and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise, and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as said ASSIGNORS might or could have held and enjoyed the same, if this assignment

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AND said ASSIGNORS hereby agree to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon;

AND said ASSIGNORS authorize and request the Commissioner for Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS the day and year set forth below.

Executed at <u>FLEURUS</u> , <u>BELGIUM</u> (Town & State/Country) On (date) <u>06 AUGUST 2007</u>	Sebas
Executed at <u>Fleurus</u> <u>BELGiom</u> (Town & State/Country) On (date) <u>28 AUGOST 2007</u>	Thoma
Executed at $\frac{1464 \text{ //S}}{100 \text{ //S}}$ $\frac{164 \text{ //S}}{100 \text{ //S}}$ $\frac{100 \text{ //S}}{100 \text{ //S}}$ $\frac{100 \text{ //S}}{100 \text{ //S}}$ $\frac{100 \text{ //S}}{100 \text{ //S}}$	Abaet

stian Desmette ichard hakim Hahati

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