

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dennis Edward Dria</td> <td>12/17/2011</td> </tr> <tr> <td>Jeremiah Glen PEARCE</td> <td>11/04/2011</td> </tr> <tr> <td>Frederick Henry RAMBOW</td> <td>11/15/2011</td> </tr> <tr> <td>David Ralph STEWART</td> <td>11/04/2011</td> </tr> </tbody> </table>		Name	Execution Date	Dennis Edward Dria	12/17/2011	Jeremiah Glen PEARCE	11/04/2011	Frederick Henry RAMBOW	11/15/2011	David Ralph STEWART	11/04/2011		
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>SHELL OIL COMPANY</td> </tr> <tr> <td>Street Address:</td> <td>P.O. BOX 2463</td> </tr> <tr> <td>Internal Address:</td> <td>ONE SHELL PLAZA</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>772522463</td> </tr> </table>		Name:	SHELL OIL COMPANY	Street Address:	P.O. BOX 2463	Internal Address:	ONE SHELL PLAZA	City:	Houston	State/Country:	TEXAS	Postal Code:	772522463
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PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13389136</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13389136								
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CORRESPONDENCE DATA													
<p>Fax Number: (713)241-6617</p> <p>Phone: 7132411041</p> <p>Email: cathy.callen@shell.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: SHELL OIL COMPANY</p> <p>Address Line 1: P O BOX 2463</p> <p>Address Line 2: ONE SHELL PLAZA</p> <p>Address Line 4: HOUSTON, TEXAS 772522463</p>													
ATTORNEY DOCKET NUMBER:	TH3846USAP												
NAME OF SUBMITTER:	Marcella D. Watkins												

CH \$40.00 13389136

Total Attachments: 6

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ASSIGNMENT

WHEREAS, we, DRIA, Dennis Edward; PEARCE, Jeremiah Glen; RAMBOW, Frederick Henry, STEWART, David, Ralph, have made a certain improvement in USE OF FIBER OPTICS TO MONITOR CEMENT QUALITY for which application papers for United States Patent thereon, identified as TH3846 (US), have been executed by us, and,

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said SHELL OIL COMPANY, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of SHELL OIL COMPANY or whomsoever that company may nominate, and to claim the priority of the above-named United States application under the International Convention of Paris of 1883.

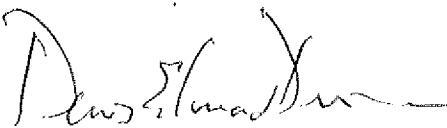
With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of SHELL OIL COMPANY to execute such separate deed to SHELL OIL COMPANY or to whomsoever that company may nominate.

And we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to SHELL OIL COMPANY.

IN TESTIMONY WHEREOF, we have hereunto subscribed our names.

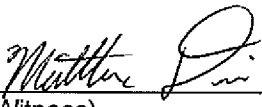
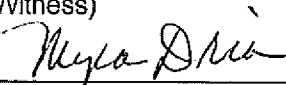
Witnesses:



DRIA, Dennis Edward

12/17 / 2011

Date


(Witness)
(Witness)

PEARCE, Jeremiah Glen

Date

(Witness)

(Witness)

RAMBOW, Frederick Henry

Date

(Witness)

(Witness)

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(Witness)



PEARCE, Jeremiah Glen



(Witness)

11/4/11

Date



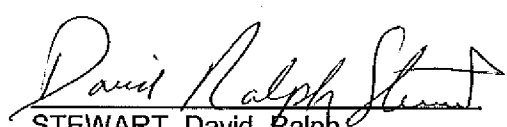
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RAMBOW, Frederick Henry

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STEWART, David, Ralph



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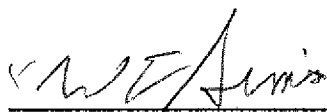
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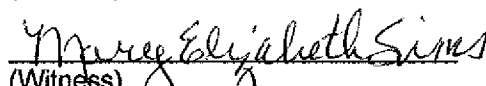
RAMBOW, Frederick Henry



(Witness)

Nov. 15, 2011

Date



(Witness)

STEWART, David, Ralph

(Witness)

Date

(Witness)