

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| Name | | Execution Date |
| Samuel Mark Haugland | | 03/01/2005 |
| RECEIVING PARTY DATA | | |
| Name: | PathFinder Energy Services, Inc. | |
| Street Address: | 15151 Sommermeyer | |
| City: | Houston | |
| State/Country: | TEXAS | |
| Postal Code: | 77041 | |
| PROPERTY NUMBERS Total: 1 | | |
| Property Type | Number | |
| Application Number: | 11069158 | |
| CORRESPONDENCE DATA | | |
| Fax Number: | (713)996-4164 | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | |
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| Correspondent Name: | Mark A. Thurmon | |
| Address Line 1: | 15151 Sommermeyer | |
| Address Line 4: | Houston, TEXAS 77041 | |
| NAME OF SUBMITTER: | Mark A. Thurmon | |
| Total Attachments: 1 source=11069158#page1.tif | | |

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| When recorded please return to: Stuart J. Ford PathFinder Energy Services, Inc. 15151 Sommermeyer Houston, Texas 77041 | PATENT Attorney Docket No. PAT048US |
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ASSIGNMENT

WHEREAS, I, the undersigned inventor, of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, PathFinder Energy Services, Inc., a Louisiana corporation, having a principal place of business located at 15151 Sommermeyer St., Houston, Texas 77041 (herein called "Assignee") (hereinafter referred to as "Assignee"), desires to acquire my entire right, 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, I 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 therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby 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.

I also assign to Assignee, all right, title and interest 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 I 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.

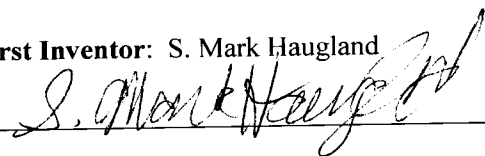
I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation in part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

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

Title of Invention: **AZIMUTHALLY FOCUSED ELECTROMAGNETIC MEASUREMENT TOOL**

Full name of sole or first Inventor: S. Mark Haugland

Inventor's signature



Country of Citizenship: U.S.

Date of Assignment:

3-1-05

Date Application Executed:

3-1-05

Residence: 10715 Piping Rock, Houston, Texas 77042

Post Office Address: 10715 Piping Rock, Houston, Texas 77042

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