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RECORDATION PATENT 102778888

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<p>1. Name of conveying party(ies): S. Mark Haugland</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: 6-17-2004</p>	<p>2. Name and address of receiving party(ies) Name: PathFinder Energy Services, Inc.</p> <p>Internal Address: _____</p> <p>Street Address: 15151 Sommermeyer</p> <p>City: Houston State: TX Zip: 77041</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: 6-17-2004

A. Patent Application No.(s) _____
B. Patent No.(s) _____

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: Stuart J. Ford</p> <p>Internal Address: _____</p> <p>Street Address: 15151 Sommermeyer St.</p> <p>City: Houston State: TX Zip: 77041</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 502255</p>
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9. Signature.

Stuart J. Ford
Name of Person Signing

Signature
June 18, 2004
Date

Total number of pages including cover sheet, attachments, and documents: **2**

Mail documents to be recorded with required cover sheet information to:
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06/28/2004 6T0N11 00000105 502255 10871205

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**PATENT
REEL: 015496 FRAME: 0610**

When recorded please return to: Stuart J. Ford PathFinder Energy Services, Inc. 15151 Sommermeyer Houston, Texas 77041	PATENT Attorney Docket No. PAT034US
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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: ESTIMATION OF BOREHOLE GEOMETRY PARAMETERS AND LATERAL TOOL DISPLACEMENTS

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

Inventor's signature *S. Mark Haugland*

Country of Citizenship: U.S.

Date of Assignment: 6-17-04

Date Application Executed: 6-17-04

Residence: 10715 Piping Rock, Houston, Texas 77042

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