

10-26-2001

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Box Assignment
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068

Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

<p>1. Name of conveying party(ies): Varco International, Inc. <i>10/15/01</i></p> <p>Additional name(s) of conveying party(ies) attached: No</p>	<p>2. Name and address of receiving party(ies): Name: Varco I/P, Inc.</p> <p>Street Address: 2835 Holmes Road, Houston, Texas 77051</p> <p>Additional name(s) & address(es) attached? No <i>15</i></p>																						
<p>3. Name of conveyance:</p> <p><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: October 10, 2001</p>																							
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: .</p> <table border="0"> <tr> <td data-bbox="131 955 456 1102"> <p>A. Patent Application No.(s)</p> <p>09/518,122 09/563,111 09/563,110 09/563,114</p> </td> <td data-bbox="776 955 1429 1102"> <p>B. Patent No.(s)</p> <table border="0"> <tr> <td>4,850,439</td> <td>4,605,077</td> <td>5,451,129</td> <td>6,276,450</td> </tr> <tr> <td>4,421,175</td> <td>4,625,796</td> <td>5,050,691</td> <td></td> </tr> <tr> <td>4,494,376</td> <td>4,696,207</td> <td>4,437,524</td> <td></td> </tr> <tr> <td>4,449,596</td> <td>4,709,766</td> <td>4,421,179</td> <td></td> </tr> <tr> <td>4,595,062</td> <td>4,765,401</td> <td>4,479,547</td> <td></td> </tr> </table> </td> </tr> </table> <p>Additional numbers attached? No</p>		<p>A. Patent Application No.(s)</p> <p>09/518,122 09/563,111 09/563,110 09/563,114</p>	<p>B. Patent No.(s)</p> <table border="0"> <tr> <td>4,850,439</td> <td>4,605,077</td> <td>5,451,129</td> <td>6,276,450</td> </tr> <tr> <td>4,421,175</td> <td>4,625,796</td> <td>5,050,691</td> <td></td> </tr> <tr> <td>4,494,376</td> <td>4,696,207</td> <td>4,437,524</td> <td></td> </tr> <tr> <td>4,449,596</td> <td>4,709,766</td> <td>4,421,179</td> <td></td> </tr> <tr> <td>4,595,062</td> <td>4,765,401</td> <td>4,479,547</td> <td></td> </tr> </table>	4,850,439	4,605,077	5,451,129	6,276,450	4,421,175	4,625,796	5,050,691		4,494,376	4,696,207	4,437,524		4,449,596	4,709,766	4,421,179		4,595,062	4,765,401	4,479,547	
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<p>5. Please return the recorded document and address all correspondence to:</p> <p>CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 Pasadena, CA 91109-7068</p> <p>Attention: Robert A. Green</p>	<p>6. Total number of applications and patents involved..... 20</p> <p>7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41): \$ 800.00</p> <p>8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.</p>																						
<p>10. <input type="checkbox"/> Explanatory letter is enclosed.</p>																							
<p>9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p>Date: October 11, 2001</p> <p>By <i>Robert A. Green</i> Name: Robert A. Green 626/795-9900</p> <p>I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231 ON</p> <p><i>10/11/01</i> <i>Amita Johnson</i> DATE SIGNATURE</p> <p>Total number of pages including cover sheet, attachments, and document: 3</p>																							

Docket No. 10/RAG/V186

ASSIGNMENT

WHEREAS, VARCO INTERNATIONAL, INC., a Delaware Corporation, having a place of business at 2835 Holmes Road, Houston, Texas 77051 ("ASSIGNOR" herein), owns the following improvements, patent applications, and United States patents:

<u>Inventor</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>
Juhasz et al.	09/518,122	03/03/2000	PIPE RUNNING TOOL
Mason et al.	09/563,111	05/02/2000	IRON ROUGHNECK
Seneviratne	09/563,110	05/02/2000	TORQUE BOOST APPARATUS AND METHOD FOR TOP DRIVE DRILLING SYSTEM FOR MEASURING TORQUE APPLIED TO THE DRUM SHAFT OF A HOIST
Eidem et al.	09/563,114	05/02/2000	

<u>Inventor</u>	<u>Patent No.</u>	<u>Issue Date</u>	<u>Title</u>
Lund	4,850,439	07/25/1989	METHOD AND A DRILLING RIG FOR DRILLING A BORE WELL
Boyadjieff et al.	4,421,175	12/20/1983	METHOD OF DRILLING AND CASING A WELL
Beaufort	4,494,376	01/22/1985	FLUID ACTUATED JACK MECHANISM
Boyadjieff	4,449,596	05/22/1984	DRILLING OF WELLS WITH TOP DRIVE UNIT
Boyadjieff et al.	4,595,062	06/17/1986	WELL CASING JACK MECHANISM
Boyadjieff	4,605,077	08/12/1986	TOP DRIVING DRILLING SYSTEMS
Boyadjieff	4,625,796	12/02/1986	WELL PIPE STABBING AND BACK-UP
Boyadjieff	4,696,207	09/29/1987	WELL PIPE HANDLING MACHINE
Boyadjieff	4,709,766	12/01/1987	WELL PIPE HANDLING MACHINE
Boyadjieff	4,765,401	08/23/1988	APPARATUS FOR HANDLING WELL PIPE
Boyadjieff et al.	5,451,129	09/19/1995	PIPE TRANSFER SYSTEM
Moses	5,050,691	09/24/1991	DETACHABLE TORQUE TRANSMITTING TOOL
Boyadjieff et al.	4,437,524	03/20/1984	WELL DRILING APPARATUS
Boyadjieff	4,421,179	12/20/1983	TOP DRIVE WELL DRILLING APPARATUS
Boyadjieff	4,479,547	10/30/1984	WELL PIPE JACK
Seneviratne	6,276,450	08/21/2001	APPARATUS AND METHOD FOR RAPID REPLACEMENT OF UPPER BLOWOUT PREVENTERS

AND WHEREAS, VARCO I/P, INC., a Delaware Corporation, having a place of business at 2835 Holmes Road, Houston, Texas 77051 (together with any successors, legal representatives of assigns thereof, called ASSIGNEE herein) wants to acquire the entire right, title, and interest in and to said improvements, patents, and patent applications.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and does sell, assign, transfer and set over to ASSIGNEE the entire right, title, and interest in and to said improvements, and said patents and patent applications and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations

ASSIGNMENT

Docket No. 10/RAG/V186

and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND ASSIGNOR HEREBY covenants that ASSIGNOR has the full right to convey the interest herein assigned, and that ASSIGNOR has not executed, and will not execute, any agreement in conflict herewith;

AND ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR will communicate to ASSIGNEE any facts known to ASSIGNOR respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, ASSIGNOR through its authorized officer hereunto set its hand this 10 day of October, 2001.

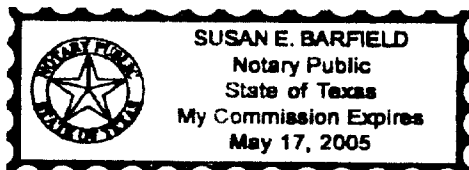
VARCO INTERNATIONAL, INC.

By _____
James F. Maroney, III
Vice President, Secretary & General Counsel

STATE OF Texas)
COUNTY OF Harris)

On 10 October 2001, before me Susan E. Barfield, Notary Public, personally appeared **James F. Maroney, III** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Susan E. Barfield
Signature of Notary

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