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HFLP, IV by	Name: Varco I/P, Inc.
Malvem M. Hasha	Internal Address: Suite 1700
Execution Date(s) 2/18/05	Street Address: 2000 West Sam Houston Parkway
Additional name(s) of conveying party(ies) attached? Yes . No. 3. Nature of conveyance:	
✓ Assignment	City: Houston,
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A. Patent Application No.(s)	document is being filed together with a new application.  B. Patent No.(s)
,	5,209,105
	V,209,100
Additional numbers att	ached? Tyes VNo
5. Name and address to whom correspondence 6. Total number of applications and patents	
concerning document should be mailed:	involved: 1
Name: Guy McClung	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00
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Patent

## ASSIGNMENT

WHEREAS HFLP,IV (hereinafter\_referred to as "Assignor"), a family limited partnership of the State of 1exce5 whose business address is 465 Champish For sis the sole owner of United States Patent 5,209,105 issued on May 11, 1993 (hereinafter "the Patent");

WHEREAS Varco I/P, Inc., (hereinafter referred to as "Assignee"), a corporation of the State of Delaware whose business address is 2000 West Sam Houston Parkway South, Suite 1700, Houston, Texas 77042, is desirous of acquiring the entire right, title, and interest in the Patent:

Now, therefore, in consideration of good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, by these presents the Assignor does hereby SELL, ASSIGN AND TRANSFER to the Assignee the entire right, title and interest in and to the Patent and the entire worldwide right, title and interest in and to each and every invention disclosed and/or claimed in the Patent, the same to be held and enjoyed by the Assignee for its own use and behoove, and for its legal representatives and assigns, to the full extent of the term for which the Patent is granted, as fully and entirely as the same would have been held by the Assignor had this assignment, sale and transfer not been made;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

HFLP, IV (Assignor)

By: Maluna Hoske

Name: MALVERN M. H95HA

Subscribed and sworn to before me this 12 day of Fe

November 独立的神 of Texas

634562\_1.DOC RECORDED: 03/08/2005

PATENT REEL: 015851 FRAME: 0389