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SHEET

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André Luiz Da Fonseca FADEL					
	Name: Petroleo Brasileiro S.A PETROBRAS				
	Internal Address:				
	Street Address: Avenida Republica do Chile 65				
Additional name/s of conveying party/ies attached?	S				
3. Nature of conveyance:	City: Rio de Janeiro, RJ				
Assignment Merger	State/Country: Brazil				
Security Assignment Change of Name	Zip:				
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Execution Date: 21 March 2000	Additional name/s & address/es attached? 🗌 Yes 🛛 No				
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution	n date of the application is: 21 March 2000				
If this document is being filed together with a new application, the execution					
A Detect Analization Nu(a)	B. Patent No(s).				
A. Patent Application No(s). (1) NEW APPLICATION	(1)				
(1) NEW AFFLICATION (2)	(1) (2)				
(2)	(3)				
	tached I Yes INO				
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved: 1				
concerning document should be mailed:					
	7. Total fee (37 CFR 3.41) \$ 40.00				
Name: Michelle N. Lester	Enclosed				
	Authorized to be charged to deposit account #14-1140				
Internal Address:					
	8. The Commissioner is hereby authorized to charge any				
Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which				
1100 North Glebe Road	should have been filed herewith (or with any paper thereafter				
8 th Floor	filed in this application by this firm) to our Account No.				
City: Arlington State: VA Zip: 22201	14-1140.				
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9. Statements 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.					
MANNA MAL					
$\underbrace{\text{Michelle N: Lester}}_{(i)} \underbrace{ $	April 5, 2000				
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Total number of pages including original cover sheet, attachments, and document: [3]					

PATENT REEL: 010692 FRAME: 0433

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NIXON & VANDER				
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		SIGNMENT TED STATES		FOR REGULAR
		APPLICATION		APPLICATION
		or Limited Partnership)	ONLY
For Sole or Joint Inventors	WHEREAS, the undersigned inventor(s), n	amely:		
INSERT	(1) ANDRÉ LUIZ DA FONSECA FADEL	(2)		
NAME(S) OF	(3)	(4)		
INVENTOR(S)	(5)	(6)		
		(8)	· · · · · · · · · · · · · · · · · · ·	
	(hereinafter collectively ASSIGNOR)			
	have made an invention known as Dkt.	an	nd	
ENTITLED		OIL-GAS SEPARATI SPIRAL SEPARATO		AND BOTTOM-HOLE
for which an appli	دation for Letters Patent of the United State			
executed on ev	ven date herewith;			
executed on	; and/or			
filed on	as United States Application	on Serial No. 0 /	in t	he United States Patent
and Trademark Of	fice			

AND WHEREAS Petroleo Brasileiro S.A. - PETROBRAS (hereinafter ASSIGNEE)

Please return to:

a corporation	Limited Par	tnership	
duly organized and exis	ting under the laws of BRA	ZIL and having its principal	office and place of business at
Avenida Republica d	lo Chile 65, Rio de Jane	iro, RJ, Brazil	
is desirous of acquiring	an interest therein:		

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, ASSIGNOR'S entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in and to the invention, and to the said application and to all subsequent applications including any and all continuations, divisions, reissues and substitutes of said application, and all resulting patents;

AND the undersigned ASSIGNOR hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned ASSIGNOR hereby agrees to testify and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred;

AND the undersigned ASSIGNOR hereby authorizes Nixon & Vanderhye, P.C. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

PATENT REEL: 010692 FRAME: 0434

ASSIGNMENT OF

Executed on the date(s) below indicated:

	ASSIGNOR(S) / INVENTOR(S)	DATE SIGNED	<u>WITNESSES</u>
1) Name:	ANDRÉ LUIZ DA FONSECA FADEL	22103/2000	Seldon Parkes SELDON PARKES
2) Name:			
3) Name:			
4) Name:			
5) Name:			
6) Name:			
7) Name:			
8) Name:			