				Docket No25791.8.02_
FORM PTO-1619A Ехрігез 06/30/99 ОМВ 0651-0027		02-21-2001		U.S. Department of Commerc Patent and Trademark Office PATENT
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		PATENTS ON	LY	
Submission Type	er of Patents and Trademan ユーリンーの	Conveyance Ty		ocument(s) or copy(les).
X	7-13-01	X Assignment	Security Ag	greement
Resubmission (N Document ID#	on-Recordation)	License	Change of	Name
Correction of PT(D Error	Merger	Other	
Corrective Docur	nent		U.S. Governme se ONLY by U.S. Governme	ent nent Agencies)
Reel #	Frame #		epartmental File	Secret File
Conveying Party(i	-	X Mark if additional	I names of conveying p	Month Day Year
Name (line 1) Rober				[Jan. 31, 2001_
Name (line 2)				Execution Date Month Day Year
	P. Brisco			Jan. 31, 2001
Name (line 2)				
Receiving Party		M	lark if additional name	s of receiving parties attached
Name (line 1) Shel	Oil			If document to be reco is an assignment and receiving party is not
Name (line 2)	· · · · · · · · · · · · · · · · · · ·		·····	domiciled in the United States, an appointment
Address (line 1) 910	Louisiana, Suite 4	719		of a domestic representative is attach (Designation must be a
Address (line 2)				separate document fro. Assignment.)
Address (line 3) Hous	ton	Texas	770	001
Domestic Represe	entative Name and A	ddress Enter t	for the first Receiving F	Zip Code Party only.
Name				
Address (line 1)	n			
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Public burden reporting for this co	niete the Cover Sheet. Send comments r	egarding this burden estimate to th	he U.S. Patent and Trademark	l, including time for reviewing the document Office, Chief Information Officer, Washingt 0027), Washington, D.C. 20503. See OMB

PATENT REEL: 011518 FRAME: 0105

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and	Address Area Code and Telephone Number	_ (713) 547-2301	
Name Todd Matting	У		
Address (line 1) Haynes and E	Boone, L.L.P.		
Address (line 2) 1000 Louisi	ana		
Address (line 3) Suite 4300			
Address (line 4) Houston, Tex	as 77002		
Pages Enter the total r including any a	number of pages of the attached conveyance docu attachments.	ment # 12	
Application Number(s) or		additional numbers attached	
Enter either the Patent Application Patent Application	Number or the Patent Number (DO NOT ENTER BOTH numbers	s for the same property). nt Number(s)	
09/502,350			
If this document is being filed together signed by the first named executing in	with a <u>new</u> Patent Application, enter the date the patent applicat ventor.	ion was <u>Month Day Year</u>	
Patent Cooperation Treaty	(PCT)	······································	
Enter PCT application			
<u>only if</u> a U.S. Applica has not been assign			
Number of Properties	Enter the total number of properties involved.	¥	
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41):	\$ 40.00	
Method of Payment: Deposit Account	Enclosed X Deposit Account		
•	ccount or if additional fees can be charged to the account.) Deposit Account Number:	# 08-1394	
	Authorization to charge additional fees:	Yes X No	
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. Charges to deposit account are authorized, as			
<i>indicated herein.</i> Todd Mattingly	ARI MAR	2(8/20)	
Name of Person Signin	g Signature	Date	

FORM PTO-11 Expires 06/30/99 OMB 0651-0027		S. Department of Commerce atent and Trademark Office PATENT
Conveying Pa Enter additional C Name (line 1)		Execution Date Month Day Year Feb. 5, 2001
Name (line 2)		Execution Date Month Day Year
Name (line 1)	Lev Ring	Feb. 5, 2001
Name (line 2)		Execution Date
Name (line 1)	Richard Haut	Month Day Year Feb. 1, 2001
Name (line 2)		
Receiving Pa Enter additional F	rty(ies) Mark if additional names of receiving parti Receiving Party(ies)	es attached
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United States, an appointment of a domestic representative
Address (line 1)		is attached. (Designation must be a separate
Address (line 2)		document from Assignment.)
Address (line 3)	City State/Country Zip Cou	de
Name (line 1)		if document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United
Address (line 1)		States, an appointment of a domestic representative is attached. (Designation must
		be a separate document from Assignment.)
Address (line 2)		
Address (line 3)	City State/Country Zip (Code
	umber(s) or Patent Number(s) Mark if additional numbers attached Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the s	ame property).
	tent Application Number(s) Patent Num	
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PATENT REEL: 011518 FRAME: 0107

FORM PTO-1 Ехрігез 06/30/99 ОМВ 0651-0027		U.S. Department of Commerce Patent and Trademark Office PATENT
Conveying Pa Enter additional C Name (line 1)	arty(ies) Mark if additional names of conveying parties attached Conveying Parties Robert D. Mack	Execution Date Month Day Year Feb. 5, 2001
Name (line 2)		Execution Date Month Day Year
Name (line 2)		Execution Date Month Day Year
Name (line 2)]
Receiving Pa	ITTY(IES) Mark if additional names of receiving part Receiving Party(ies)	ies attached
Name (line 1)		If document to be recorded
Name (line 2)		 is an assignment and the receiving party is not domiciled in the United States, an appointment
Address (line 1)		of a domestic representative is attached. (Designation must be a separate document from
Address (line 2)		accument from Assignment.)
Address (line 3)	City State/Country Zip Co	de
Name (line 1)		if document to be recorded
Name (line 2)		→ is an assignment and the receiving party is not domiciled in the United States, an appointment of a
Address (line 1)		domestic representative is attached. (Designation must
Address (line 2)		be a separate document from Assignment.)
Address (line 3)		
	City State/Country Zip Iumber(s) or Patent Number(s) Mark if additional numbers attached Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the s	ame property).
Pa	tent Application Number(s) Patent Num	ber(s)

PATENT REEL: 011518 FRAME: 0108

ASSIGNMENT

WHEREAS, WE,

V	(1)	ROBERT LANCE COOK,	of Houston State of Texas;
\checkmark	(2)	DAVID PAUL BRISCO	of Houston State of Texas;
Х	(3)	R. BRUCE STEWART	The Haque NETHERLANDS
\checkmark	(4)	LEV RING	of Houston State of Texas;
~	(5)	RICHARD HAUT	of Houston State of Texas;
6	(6)	ROBERT D. MACK	of Houston State of Texas;
	have in	vented certain improvements in	

WELLHEAD

and filed a United States patent application herewith;

WHEREAS, SHELL OIL, (hereinafter "ASSIGNEE") a corporation organized and existing under the laws of the State of Delaware, having its principal office and place of business in the City of Houston, State of Texas, desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

NOW, THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby acknowledge my prior existing obligation and hereby sell, assign, and transfer to ASSIGNEE its successors and assigns, the entire right, title, and interest in the application and invention therein disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all divisionals, renewals, continuing applications thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed-for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to ASSIGNEE its successors and assigns; and we hereby agree that ASSIGNEE may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by ASSIGNEE.

- 1 -

LOCATION

D<u>ATE</u>

SIGNATURE

Houston, Texas (1)

- 2001 Kobut Lande Lock

State of Texas

Comm. Exp. 04-22-2001

Texas Drivers

State of <u>TEXAS</u>) County of <u>Harris</u> (1) SS.:

On this <u>31</u> day of <u>January</u>, 2001, before me personally came Robert Lance Cook to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of GINGER M. LAMKIN the same was a free act and deed. NOTARY PUBLIC

Ginger M. Lamkin Ginger M. Lamh PRINT NAME OF NOTARY SIGNATURE OF NOTARY

- □ Personally Known

R Produced Identification in the form of <u>License</u>

237490.1

LOCATION

DATE

SIGNATURE

Houston, TX Jan 31, 2001 / (1)

State of TEXAS) County of <u>//arris</u> (1) ∖ ss.:

On this <u>31</u> day of <u>January</u>, 2001, before me personally David P. Brisco to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the GINGER M. LAMKIN same was a free act and deed. NOTARY PUBLIC

<u>Ginger M. Lamkin</u> <u>Gingum. La</u> PRINT NAME OF NOTARY SIGNATURE OF NO PRINT NAME OF NOTARY

Personally Known

Produced Identification in the form of <u>License</u>

State of Texas Comm. Exp. 04-22-2001

OKlahoma

237490.1

LOCATION

DATE

SIGNATURE

sout (1)

State of _____) (1) Country of NETHERLANDS) ss.: R. Bruce Stewar

On this _____ day of _____, 2001, before me personally came R. Bruce Stewart to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

PRINT NAME OF NOTARY SIGNATURE OF NOTARY

Personally Known

Produced Identification in the form of _____

237490.1

LOCATION

DATE

SIGNATURE

Houston, TX 1/31/01 Authors Lev Ring (1)

State of <u>TEXAS</u>) County of <u>Harris</u>)^{ss.} (1)

On this <u>31</u> day of <u>January</u>, 2001, before me personally came Lev Ring to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

Ginger M. Lamkin Singer M. Lamkin PRINT NAME OF NOTARY SIGNATURE OF NOTARY

GINGER M. LAMKIN NOTARY PUBLIC State of Texas Comm. Exp. 04-22-2001

□ Personally Known

Produced Identification in the form of <u>Heense</u>

-237490.1

	LOCATION	DATE	SIGNATURE	
(1)	Houston, Texas	February 1, Zaul	Richard Hauts.	
(1)	State of <u>TEXAS</u>) County of <u>Horous</u>	_) ^{ss.:}		
On this <u>S</u> day of <u>Februory</u> , 2001, before me personally came Richard Haut to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.				

sundandra PRINT NAME OF NOTARY ana Um SIGNATURE OF NOTARY

Personally Known

Produced Identification in the form of ______

237490.1



- 6 -

PATENT / DOCKET NUMBER: 25791.17.02

Signed and sealed:

LOCATION

DATE

SIGNATURE

Robert D. Mack

HOUSTON, TX (1)

2/5/07

Mack

YEN NGUYEN Notary Public, State of Texas

My Commission Expires 6-25-2002

State of <u>TEXAS</u>) County of <u>Hamis</u> (1) SS.:

On this <u>5th</u> day of <u>February</u>, 2001, before me personally Robert D. Mack to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

IAME OF NOTARY SIGNATURE OF NO

□ Personally Known

Produced Identification in the form of Texas

H-237490.1