PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Harold J. VINEGAR	09/03/2011
Mark Gregory PICHA	09/06/2011
Lanny Gene SCHOELING	09/27/2011

RECEIVING PARTY DATA

Name:	SHELL OIL COMPANY
Street Address:	P.O. BOX 2463
Internal Address:	ONE SHELL PLAZA
City:	Houston
State/Country:	TEXAS
Postal Code:	772522463

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7640980

CORRESPONDENCE DATA

Fax Number: (713)241-6617 Phone: 7132412151

Email: cathy.callen@shell.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: SHELL OIL COMPANY

Address Line 1: P.O. BOX 2463
Address Line 2: ONE SHELL PLAZA

Address Line 4: Houston, TEXAS 772522463

ATTORNEY DOCKET NUMBER: TH2717-03

NAME OF SUBMITTER: Marcella D. Watkins

PATENT

REEL: 026979 FRAME: 0592

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Total Attachments: 4

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PATENT REEL: 026979 FRAME: 0593

ASSIGNMENT

WHEREAS, we, Harold J. Vinegar, Mark Gregory Picha, and Lanny Gene Schoeling, have made a certain improvement in THERMAL PROCESSES FOR SUBSURFACE FORMATIONS for which a United States Patent application was filed and assigned serial no. 12/080,928 and has since been granted and assigned Patent No. 7,640,980 thereon, and identified as TH2717 03(US), have been executed by us, and,

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said SHELL OIL COMPANY, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of SHELL OIL COMPANY or whomsoever that company may nominate, and to claim the priority of the above-named United States application under the International Convention of Paris of 1883.

With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of SHELL OIL COMPANY to execute such separate deed to SHELL OIL COMPANY or to whomsoever that company may nominate.

And we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to SHELL OIL COMPANY.

IN TESTIMONY WHEREOF, we have hereunto subscribed our names.

Witnesses:

9/3/2011

Date

Page 1 of 2

TH2717 03(US)

MARK GREGORY PICHA	(Witness)
Date	(Witness)
LANNY GENE SCHOBLING	(Witness)
Date	(Witness)

Page 2 of 2

PATENT REEL: 026979 FRAME: 0595

ASSIGNMENT

WHEREAS, we, Harold J. Vinegar, Mark Gregory Picha, and Lanny Gene Schoeling, have made a certain improvement in THERMAL PROCESSES FOR SUBSURFACE FORMATIONS for which a United States Patent application was filed and assigned serial no. 12/080,928 and has since been granted and assigned Patent No. 7,640,980 thereon, and identified as TH2717 03(US), have been executed by us, and,

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IN TESTIMONY WHEREOF, we have hereunto subscribed our names.

	Witnesses:	
HAROLD J. VINEGAR	(Witness)	
Date	(Witness)	

TH2717 03(US)

Mark Dusory Picha

Date

Sept 2011

Date

(Witness)

(Witness)