

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>William Herman GERDES</td> <td>11/29/2007</td> </tr> <tr> <td>John Robert LOCKEMEYER</td> <td>11/30/2007</td> </tr> <tr> <td>Donald James REMUS</td> <td>11/29/2007</td> </tr> <tr> <td>Thomas SZYMANSKI</td> <td>11/29/2007</td> </tr> <tr> <td>Randall Clayton YEATES</td> <td>11/30/2007</td> </tr> </tbody> </table>		Name	Execution Date	William Herman GERDES	11/29/2007	John Robert LOCKEMEYER	11/30/2007	Donald James REMUS	11/29/2007	Thomas SZYMANSKI	11/29/2007	Randall Clayton YEATES	11/30/2007
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (713)241-6617</p> <p>Phone: 7132415581</p> <p>Email: CHARLES.WISE@SHELL.COM</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: SHELL OIL COMPANY</p> <p>Address Line 1: P O BOX 2463</p> <p>Address Line 4: HOUSTON, TEXAS 772522463</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	TH2691 02 (US)												

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**PATENT**  
**REEL: 027254 FRAME: 0826**

NAME OF SUBMITTER:

Craig M. Lundell

Total Attachments: 4

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ASSIGNMENT

WHEREAS, we, William Herman GERDES, John Robert LOCKEMEYER, Donald James REMUS, Thomas SZYMANSKI, and Randall Clayton YEATES, have made a certain improvement in A CATALYST, A PROCESS FOR PREPARING THE CATALYST, AND A PROCESS FOR THE PRODUCTION OF AN OLEFIN OXIDE, A 1,2-DIOL, A 1,2-DIOL ETHER, OR AN ALKANOLAMINE for which application papers for United States Patent thereon, identified as TH2691 (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:

William Herman Gerdes

William Herman GERDES

November 29, 2007

Date

John Robert LOCKEMEYER

Date

Janet M. Cornish

(Witness)

Doreen R. King

(Witness)

(Witness)

(Witness)

USASSIGN DOT

Donald James REMUS

November 29, 2007

Date \_\_\_\_\_

Thomas SZYMANSKI

November 29, 2007

Date \_\_\_\_\_

Randall Clayton YEATES

Date \_\_\_\_\_

(Witness)

(Witness)

(Witness)

(Witness)

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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.

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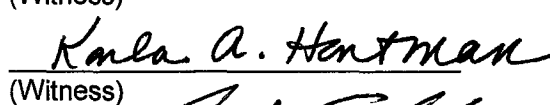
\_\_\_\_\_  
William Herman GERDES

\_\_\_\_\_  
(Witness)

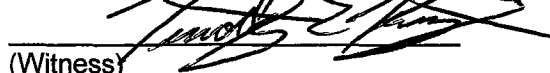
\_\_\_\_\_  
Date

  
John Robert LOCKEMEYER

\_\_\_\_\_  
(Witness)

  
(Witness)

11-30-2007  
Date

  
(Witness)

Donald James REMUS

(Witness)

Date

(Witness)

Thomas SZYMANSKI


(Witness)

Date

(Witness)



Randall Clayton YEATES



(Witness)

30 Nov 2007

Date



(Witness)