

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)

Steffen JANCKER - December 11, 2007  
Thomas Paul VON KOSSAK - GLOWCZESKI - January 22, 2008  
Joachim WOLFF - December 11, 2007

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 11, 2007 and January 22, 2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

### 2. Name and address of receiving party(ies)

Name: Shell Oil Company

Internal Address: Intellectual Property

Street Address: 910 Louisiana

City: Houston

State: Texas

Country: USA Zip: 77002

Additional name(s) & address(es) attached? ☐ Yes ☒ No

### 4. Application or patent number(s):

A. Patent Application No.(s)  
11/947654

☐ This document is being filed together with a new application.  
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: Shell Oil Company

Internal Address: Intellectual Property

Street Address: 910 Louisiana

City: Houston

State: Texas Zip: 77002

Phone Number: (713) 241-

Fax Number: (713) 241-6617

Email Address: \_\_\_\_\_

### 6. Total number of applications and patents involved: 1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 19-1800

Authorized User Name Ana Almaquer

### 9. Signature:

William E. Hickman/  
Signature

April 2, 2008  
Date

William E. Hickman  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 191800 11947654

TS9583 (US)

ASSIGNMENT

WHEREAS we, Steffen JANCKER, Thomas Paul VON KOSSAK-GLOWCZEWSKI and Joachim WOLFF have invented a certain improvement in Gasification Reactor

WHEREAS we have executed an application for Letters Patent in the United States in connection with this invention.

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, is desirous of acquiring all rights to this invention in the United States:

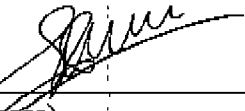
NOW THEREFORE for valuable consideration received, we hereby assign to SHELL OIL COMPANY, its successors and assigns, all rights to this invention in the United States of America, including all rights in the above-mentioned application and any patent which may be issued thereon in the United States and any other application which may be filed or patent which may be issued in the United States.

AND we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment into effect and perfect the title transferred hereby to prosecute the above-mentioned application.

AND the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent of said application to the Assignee.

  
\_\_\_\_\_  
Steffen JANCKER

11.12.2007  
\_\_\_\_\_  
Date

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

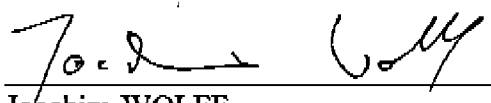
  
\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
Thomas Paul VON KOSSAK-GLOWCZEWSKI

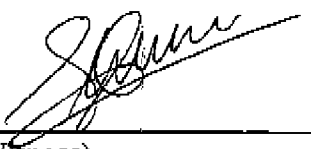
\_\_\_\_\_  
(Witness)


\_\_\_\_\_  
Date

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

  
\_\_\_\_\_  
Joachim WOLFF

11.12.2007  
\_\_\_\_\_  
Date

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

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

TS9583 (US)

ASSIGNMENT

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WHEREAS we have executed an application for Letters Patent in the United States in connection with this invention.

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, is desirous of acquiring all rights to this invention in the United States:

NOW THEREFORE for valuable consideration received, we hereby assign to SHELL OIL COMPANY, its successors and assigns, all rights to this invention in the United States of America, including all rights in the above-mentioned application and any patent which may be issued thereon in the United States and any other application which may be filed or patent which may be issued in the United States.

AND we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment into effect and perfect the title transferred hereby to prosecute the above-mentioned application.

AND the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent of said application to the Assignee.

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Steffen JANCKER

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(Witness)

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Date


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(Witness)

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Thomas Paul VON KOSSAK-GLOWCZEWSKI

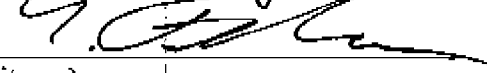
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(Witness)

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22.01.2008  
Date

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(Witness)

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Joachim WOLFF

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(Witness)

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Date

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(Witness)

ASSIGN.DOT

PATENT

RECORDED: 04/01/2008

REEL: 020739 FRAME: 0700