

05-07-2007

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

103402400
PATENTS ONLY

EET

TS1734 (US)

5-4-07

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)

Hendrik DIRKZWAGER... March 18, 2007; Catharina Johanna Maria PETRUS-HOOGENBOSCH, on behalf of Leonardus PETRUS (deceased)...February 4, 2007; Pablo POVEDA-MARTINEZ...March 13, 2007

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

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

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

Execution Date(s) February 4, 2007 & March 13 & 18, 2007

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
11/679,036

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) 241-7256

Fax Number: (713) 241-6617

Email Address: reece.scott@shell.com

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 A. Evette Matute

9. Signature:

Reece A. Scott

Signature

April 30, 2007

Date

Reece A. Scott
Name of Person Signing

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

4

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

05/04/2007 DBYRNE 00000077 191800 11679036
01 FC:8021 40.00 DA

ASSIGNMENT

WHEREAS I/we, Hendrik DIRKZWAGER, Leonardus PETRUS (deceased) and Pablo POVEDA-MARTINEZ

have invented a certain improvement in A PROCESS FOR REACTIVE DISTILLATION OF A CARBOXYLIC ACID

WHEREAS I/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, I/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 I/we hereby agree that I/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.

Date

Hendrik DIRKZWAGER
15 March 2007
Date

Catharina Johanna Maria PETRUS-HOOGENBOSCH,
on behalf of Leonardus PETRUS (deceased)

Date

Pablo POVEDA-MARTINEZ

Date

Witnesses:

[Signature]
(Witness 1)

[Signature]
(Witness 2)

(Witness 1)

(Witness 2)

(Witness 1)

(Witness 2)

ASSIGNMENT

WHEREAS I/we, Hendrik DIRKZWAGER, Leonardus PETRUS (deceased) and Pablo POVEDA-MARTINEZ

have invented a certain improvement in A PROCESS FOR REACTIVE DISTILLATION OF A CARBOXYLIC ACID

WHEREAS I/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, I/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 I/we hereby agree that I/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.

Date

Witnesses:

Hendrik DIRKZWAGER

(Witness 1)

4 Feb. 2007
Date

(Witness 2)

Catharina Johanna Maria Petrus-Hoogenbosch
Catharina Johanna Maria PETRUS-HOOGENBOSCH,
on behalf of Leonardus PETRUS (deceased)

[Signature]
(Witness 1)

Date

[Signature]
(Witness 2)

Pablo POVEDA-MARTINEZ

(Witness 1)

Date

(Witness 2)

ASSIGNMENT

WHEREAS I/we, Hendrik DIRKZWAGER, Leonardus PETRUS (deceased) and Pablo POVEDA-MARTINEZ

have invented a certain improvement in A PROCESS FOR REACTIVE DISTILLATION OF A CARBOXYLIC ACID

WHEREAS I/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, I/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 I/we hereby agree that I/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.

Date

Witnesses:

Hendrik DIRKZWAGER

(Witness 1)

Date

(Witness 2)

Catharina Johanna Maria PETRUS-HOOGENBOSCH,
on behalf of Leonardus PETRUS (deceased)

(Witness 1)

Date

(Witness 2)

Pablo POVEDA-MARTINEZ

(Witness 1)

13.08.07

Date

(Witness 2) *Francesca Mella*