

101 57-111

10/561690

FORM PTO-1595  
(Rev. 6-93)

04-10-2006

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To the Honorable Commissioner of Patent...

103172954

...original documents or copy thereof.

50-66-81

1. Name of conveying party(ies):  
**VAN DEN BOSCH, Petrus Johannes Walterus Maria  
SCHRIJVERS, Franciscus Antonius Maria**

2. Name and address of receiving party(ies):  
**Shell Oil Company  
P.O. Box 2463  
910 Louisiana  
Houston, Texas 77252-2463**

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

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: **23 September 2005**

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

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: **December 22, 2005**

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
**Name: Charles W. Stewart  
Shell Oil Company  
Intellectual Property  
P.O. Box 2463  
910 Louisiana  
Houston, Texas 77252-2463**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): ..... \$ **40.00**

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
**19-1800**

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9. 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.*

Charles W. Stewart  
Name of Person Signing

*Charles W. Stewart*  
Signature

22 December 2005  
Date

Total number of pages including cover sheet, attachments, and document: 5

ASSIGNMENT

WHEREAS I/we,  
VAN DEN BOSCH, Petrus Johannes Walterus Maria  
SCHRIJVERS, Franciscus Antonius Maria

have invented a certain improvement in  
Process to produce pipeline-transportable crude oil from feed stocks containing  
heavy hydrocarbons

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.

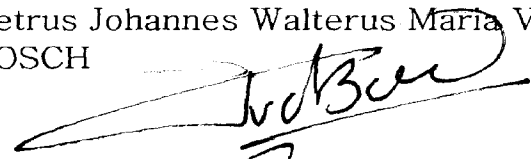
AND I/we hereby agree that I/we will upon request execute any  
instrument which SHELL OIL COMPANY desires to carry this assignment into  
effect and perfect the title transferred hereby to prosecute the above-  
mentioned application.

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

Date 23 September 2005

2 witnesses of P J W M van den Bosch Petrus Johannes Walterus Maria VAN DEN  
BOSCH

1)  2) 陳詩筠



2 witnesses of F A M Schrijvers Franciscus Antonius Maria  
SCHRIJVERS

1)  2) 陳詩筠

