

04-01-2004



102709836

To the Honorable Commissioner of Patents and Trade

original documents or copy thereof.

1. Name of conveying party(ies):

CHEN, Ye-Mon 28 May 2002
DIRKSE, Hendricus, Aien 26 April 2002
SANBORN, Richard Addison 28 May 2002
DEWITZ, Thomas Shawn 11 June 2002
DRIES, Hubertus Wilhelmus Albertus 26 April 2002

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: April 26, 2002, May 28 2002, June 11, 2002

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

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

10475381

If this document is being filed together with a new application, the execution date of the application is: _____

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

(Attach duplicate copy of this page if paying by deposit account)

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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

20 October 2003
Date

Total number of pages including cover sheet, attachments, and document: 2

10-10-03

10/28/2003 LLANDGRA 00000030 10475381

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ASSIGNMENT

WHEREAS I/we
CHEN, Ye-Mon DEWITZ, Thomas Shawn
DIRKSE, Hendricus Arien DRIES, Hubertus Wilhelmus Albertus
SANBORN, Richard Addison

have invented a certain improvement in CYCLONE SEPARATOR

WHEREAS I/we have executed an application for Letters Patent of the United States
in connection with this invention on the 28 MAY 2002, 11 JUNE 2002, 26 April 2002, 26 April 2002,
AND 28 May 2002, respectively

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
CHEN, Ye-Mon DEWITZ, Thomas Shawn
DIRKSE, Hendricus Arien DRIES, Hubertus Wilhelmus Albertus
SANBORN, Richard Addison


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 on said invention 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 or 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.

this day of

2 witnesses of Y-M Chen

1)  2) 
Ye-Mon CHEN

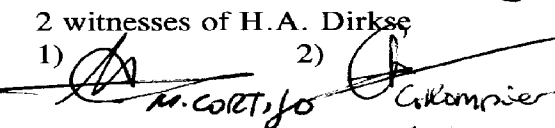

THIS 28 MAY 2002

2 witnesses of T.S. Dewitz

1)  2) 
Thomas Shawn DEWITZ

THIS 11 JUNE 2002

2 witnesses of H.A. Dirkse

1)  2) 
Hendricus Arien DIRKSE

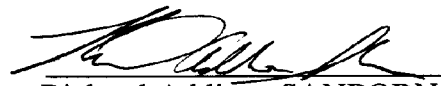
THIS 26 APRIL 2002

2 witnesses of H.W.A. Dries

1)  2) 
Hubertus Wilhelmus Albertus DRIES

THIS 26 APRIL 2002

2 witnesses of R.A. Sanborn

1)  2) 
Richard Addison SANBORN

THIS 28 MAY 2002