

07-21-2003



102502128

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

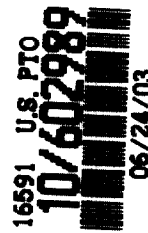
1. Name of conveying party(ies):

Raymond Edward PAGGI - June 23, 2003  
Joseph Michael RUSSO - June 9, 2003  
Kay COLAPRET - June 5, 2003  
James Robert MACIAS - June 9, 2003  
Krishna Rangraj KAUSHIK - June 12, 2003

6-2403

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

Shell Oil Company  
P.O. Box 2463  
900 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: June 5, 9, 12, & 23, 2003

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

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

10602989

If this document is being filed together with a new application, the execution date of the application is: June 3, 5, 9, and 12, 2003

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: Yukiko Iwata  
Shell Oil Company  
Intellectual Property  
P.O. Box 2463  
910 Louisiana  
Houston, Texas 77252-2463

6. Total number of applications and patents involved:

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)

DO NOT USE THIS SPACE

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.*

Yukiko Iwata

Name of Person Signing

[Signature]

Signature

June 24, 2003

Date

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

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ASSIGNMENT

WHEREAS, we, Raymond Edward Paggi, Joseph Michael Russo, Kay Colapret, James Robert Macias, and Krishna Rangraj Kaushik, have made a certain improvement in LUBRICATING OIL FOR A DIESEL POWERED ENGINE AND METHOD OF OPERATING A DIESEL POWERED ENGINE for which application papers for United States Patent thereon, identified as TH2189 (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.

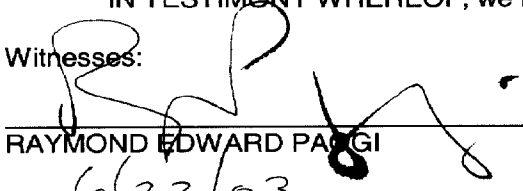
With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of SHELL OIL COMPANY to execute such separate deed to SHELL OIL COMPANY or to whomsoever that company 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:

  
RAYMOND EDWARD PAGGI

6/23/03  
Date

  
JOSEPH MICHAEL RUSSO

6/08/03  
Date

KAY COLAPRET

Date

  
JAMES ROBERT MACIAS

6/09/03  
Date

  
KRISHNA RANGRAJ KAUSHIK

6/12/03  
Date

TH2189ASN.DOC

  
(Witness)

6-23-03  
(Witness)

  
(Witness)

(Witness)

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(Witness)

  
(Witness)

(Witness)

  
(Witness)

(Witness)

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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:

\_\_\_\_\_  
RAYMOND EDWARD PAGGI

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

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
JOSEPH MICHAEL RUSSO

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

\_\_\_\_\_  
Date

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

*Kay Colapret*  
\_\_\_\_\_  
KAY COLAPRET

*James Robert Macias*  
\_\_\_\_\_  
(Witness)

*6-5-2003*  
\_\_\_\_\_  
Date

*Joseph Michael Russo*  
\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
JAMES ROBERT MACIAS

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

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
KRISHNA RANGRAJ KAUSHIK

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

\_\_\_\_\_  
Date

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

TH2189ASN.DOC

RECORDED: 06/24/2003

PATENT  
REEL: 014276 FRAME: 0795