



10-30-2002



102265678

FORM PTO-1596
1-31-92

RECORDATION

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 59883-046

PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):

10-22-02
Scott E. KUFELD, David H. BURNS and Ragavan
VAIDYANATHAN

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

Name: CHEVRON PHILLIPS CHEMICAL COMPANY, LP

Address: 1301 McKinney
34th Floor
Houston, Texas 77010Additional name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: September 19, September 30 and October 1,
2002 respectivelyAdditional name(s) & address(es) attached? ☐ Yes

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

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

A. Patent Application No(s).

10/196,550, filed July 17, 2002

B. Patent No(s).

Additional numbers attached? ☐ Yes5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: DC Zip: 20005

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:

500417

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.*

Brian K. Seidleck, 51,321

Brian K. Seidleck

October 22, 2002

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet:

1

CMB No. 0851-0011 (exp. 4/94)

10/29/2002 LMUELLER 00000192 500417 10196550

01 FC:8021

40.00 CH

PATENT
REEL: 13421 FRAME: 0888

ASSIGNMENT

WHEREAS WE, Scott E. Kufeld, 1331 Prospect, of Houston, Texas 77004, David H. Burns, 3374 Maroneal Street, of Houston, TX 77025, and Ragavan Vaidyanathan, 3746 Rolling Rock Drive, of Evansville, IN 47711, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled DIRECT RECYCLE FRACTIONATION METHOD USING A SWING COLUMN, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on July 17, 2002, and identified by United States Serial No. 10/196,550;

AND WHEREAS, Chevron Phillips Chemical Company, LP, a corporation of the State of Delaware and having an address of 1301 McKinney, 34th Floor, Houston, Texas 77010, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Chevron Phillips Chemical Company, LP, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Chevron Phillips Chemical Company, LP, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

9/19/02

Date

9/30/02

Date

Date

Scott E. Kufeld

Scott E. Kufeld

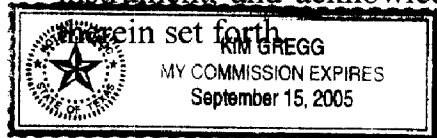
David H. Burns

David H. Burns

Ragavan Vaidyanathan

STATE OF Texas)
COUNTY OF Harris) SS:

On this 19 day of September, 2002, before me personally appeared Scott E. Kufeld, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes



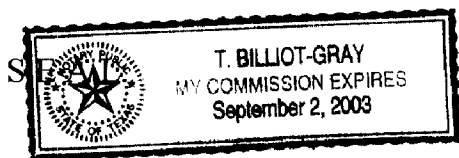
SEAL

Kim Gregg
Notary Public

My commission expires 9-15-05

STATE OF TEXAS)
COUNTY OF HARRIS) SS:

On this 2nd day of October, 2002, before me personally appeared David H. Burns, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



SEAL

T. Billiot-Gray
Notary Public

My commission expires Sept 02, 2003

STATE OF _____)
COUNTY OF _____) SS:

On this _____ day of _____, 20____, before me personally appeared Ragavan Vaidyanathan, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

ASSIGNMENT

WHEREAS WE, Scott E. Kufeld, 1331 Prospect, of Houston, Texas 77004, David H. Burns, 3374 Maroneal Street, of Houston, TX 77025, and Ragavan Vaidyanathan, 3746 Rolling Rock Drive, of Evansville, IN 47711, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled DIRECT RECYCLE FRACTIONATION METHOD USING A SWING COLUMN, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on July 17, 2002, and identified by United States Serial No. 10/196,550;

AND WHEREAS, Chevron Phillips Chemical Company, LP, a corporation of the State of Delaware and having an address of 1301 McKinney, 34th Floor, Houston, Texas 77010, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Chevron Phillips Chemical Company, LP, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Chevron Phillips Chemical Company, LP, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

9/19/02
Date

Scott E. Kufeld
Scott E. Kufeld

Date

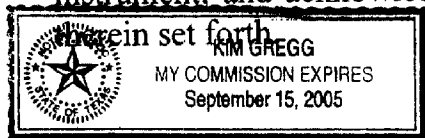
10/1/02
Date

David H. Burns

Ragavan Vaidyanathan
Ragavan Vaidyanathan

STATE OF Texas)
COUNTY OF Harris) SS:

On this 19 day of September, 2002, before me personally appeared Scott E. Kufeld, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes



SEAL

Kim Gregg
Notary Public

My commission expires 9-15-05

STATE OF _____)
COUNTY OF _____) SS:

On this _____ day of _____, 20____, before me personally appeared David H. Burns, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

STATE OF INDIANA)
COUNTY OF POSEY) SS:

On this 1ST day of OCTOBER, 2002, before me personally appeared Ragavan Vaidyanathan, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Licki A. Morris
Notary Public

My commission expires 12/15/2008