PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6996396

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------|----------------|
| JOSIANE MARIE-ROSE GINESTRA | 01/09/2015 |
| DAVID EDWARD SHERWOOD | 01/19/2015 |
| DAVID ANDREW KOMAR | 01/12/2015 |

RECEIVING PARTY DATA

| Name: | SHELL OIL COMPANY |
|-----------------|-------------------|
| Street Address: | P.O. BOX 576 |
| City: | HOUSTON |
| State/Country: | TEXAS |
| Postal Code: | 77001-0576 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16663744 |

CORRESPONDENCE DATA

Fax Number: (832)337-4307

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 8327622983

Email: patents@shell.com

Correspondent Name: SHELL OIL COMPANY

Address Line 1: P.O. BOX 576

Address Line 4: HOUSTON, TEXAS 77001-0576

| ATTORNEY DOCKET NUMBER: | SP0230-US-DIV | |
|-------------------------|-----------------|--|
| NAME OF SUBMITTER: | ANNIA JOHNSON | |
| SIGNATURE: | /Annia Johnson/ | |
| DATE SIGNED: | 10/29/2021 | |

Total Attachments: 3

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PATENT 506949559 REEL: 057957 FRAME: 0830

ASSIGNMENT

WHEREAS, I/we, GINESTRA, Josiane Marie-Rose, KOMAR, David Andrew and SHERWOOD, David Edward have made a certain improvement in, A PROCESS FOR THE CATALYTIC CONVERSION OF MICRO CARBON RESIDUE CONTENT OF HEAVY HYDROCARBON FEEDSTOCKS AND A LOW SURFACE AREA CATALYST COMPOSITION FOR USE THEREIN, for which application papers for United States Patent thereon, identified as SP0230-US-NP, 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.

| Josiane Marie-Rose GINESTRA Saw 4, 2015 Date | Witnesses: (Witness) Sennifer Minesha (Witness) |
|--|--|
| David Andrew KOMAR Date | (Witness) |

PATENT REEL: 057957 FRAME: 0831

ASSIGNMENT

WHEREAS, I/we, GINESTRA, Josiane Marie-Rose, KOMAR, David Andrew and SHERWOOD, David Edward have made a certain improvement in, A PROCESS FOR THE CATALYTIC CONVERSION OF MICRO CARBON RESIDUE CONTENT OF HEAVY HYDROCARBON FEEDSTOCKS AND A LOW SURFACE AREA CATALYST COMPOSITION FOR USE THEREIN, for which application papers for United States Patent thereon, identified as SP0230-US-NP, 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: |
|-----------------------------|------------|
| Josiane Marie-Rose GINESTRA | (Witness) |
| Date | (Witness) |
| David Andrew KOMAR | (Witness) |
| 1/12/2015 Date | (Witness) |

PATENT REEL: 057957 FRAME: 0832 David Edward SHERWOOD

Tan. 19, 2015

Date

RECORDED: 10/29/2021

(Witness)

(Witness)

PATENT REEL: 057957 FRAME: 0833