PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6945907

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CORRECTIVE ASSIGNEMENT IS TO CORRECT SPELLING OF 4TH INVENTOR'S FIRST NAME FROM MATHIAS TO MATTHIAS. previously recorded on Reel 057579 Frame 0961. Assignor(s) hereby confirms the APPLICTION NO. 17414421.	

CONVEYING PARTY DATA

Name	Execution Date
NISHANK SAXENA	06/29/2021
AMIE MARIE HOWS	06/29/2021
RONNY HOFMANN	07/24/2021
MATTHIAS APPEL	06/29/2021
JOHN JUSTIN FREEMAN	06/23/2021

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:	17414421

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: USpatents@shell.com
Correspondent Name: SHELL OIL COMPANY

Address Line 1: P.O. BOX 576

Address Line 4: HOUSTON, TEXAS 77001-0576

ATTORNEY DOCKET NUMBER:	SP2313-US-PCT
NAME OF SUBMITTER:	ANNIA JOHNSON
SIGNATURE:	/Annia Johnson/
DATE SIGNED:	09/30/2021

PATENT REEL: 057693 FRAME: 0156

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Total Attachments: 6source=SP2313-US-PCT_Previous Cover_Sheet#page1.tif source=SP2313-US-PCT_Previous Cover_Sheet#page2.tif source=SP2313-US-PCT Corrected_Assignment#page1.tif

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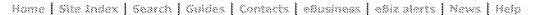
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PATENT REEL: 057693 FRAME: 0157



United States Patent and Trademark Office





Electronic Patent Assignment System

Confirmation Receipt

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NISHANK SAXENA	06/29/2021
AMIE MARIE HOWS	06/29/2021
RONNY HOFMANN	07/24/2021
MATHIAS APPEL	06/29/2021
JOHN JUSTIN FREEMAN	06/23/2021

RECEIVING PARTY DATA

Name:	SHELL OIL COMPANY
Street Address:	P.O. BOX 576
City:	HOUSTON
	X
· ·	77001-0576

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17414421

CORRESPONDENCE DATA

Fax Number: (832)337-4307 8327622983 Phone: Email: USpatents@shell.com

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SHELL OIL COMPANY Correspondent Name:

Address Line 1: P.O. BOX 576

Address Line 4: HOUSTON, TEXAS 77001-0576

ATTORNEY DOCKET SP2313-US-PCT NUMBER: NAME OF SUBMITTER: ANNIA JOHNSON

Signature: /Annia Johnson/

Date: 09/23/2021

Total Attachments: 4

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RECEIPT INFORMATION

EPAS ID: PAT6932517 **Receipt Date:** 09/23/2021

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PATENT REEL: 057693 FRAME: 0159

ASSIGNMENT

WHEREAS, I/we, Nishank SAXENA, Amie Marie HOWS, Ronny HOFMANN, Matthias APPEL and John Justin FREEMAN have made a certain improvement in METHOD FOR DIGITALLY CHARACTERIZING THE PERMEABILITY OF ROCK for which application papers for United States Patent thereon, identified as SP2313-US-PCT, 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:	
_/Nishank Saxena/	/Matthias Appel/
Nishank SAXENA	(Witness)
6/29/2021	/J. J. Freeman/
Date	(Witness)

1/2

Amis Hows	Quatte Lucier
Amie Marie HOWS	(Witness)
6/29/2021	MPH
Date	(Witness)
Ronny HOFMANN	(Witness)
Date	(Witness)
Matthias APPEL	(Witness)
Date	(Witness)
John Justin FREEMAN	(Witness)
Date	(Witness)

Amie Mar	ie HOWS	(Witness)
Date		(Witness)
	_======================================	10-
Ronny HC		(Witness)
20.6	24 2021	Coforcia and
Date		(Witness)
Matthias /	NPPEL .	(Witness)
Date		(Witness)
John Justin	n FREEMAN	(Witness)
Date		(Witness)

Amie Marie HOWS	(Witness)
Date	(Witness)
Ronny HOFMANN	(Witness)
Date	(Witness)
/Matthias Appel/ Matthias APPEL	/J. J. Freeman/(Witness)
6/29/2021 Date	_/Nishank Saxena/(Witness)
/J. J. Freeman/ John Justin FREEMAN	/Matthias Appel/(Witness)
6/23/21 Date	/Nishank Saxena/(Witness)