507039494 12/21/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAUDI ARAMCO UPSTREAM TECHNOLOGY COMPANY	04/08/2021

RECEIVING PARTY DATA

Name:	SAUDI ARABIAN OIL COMPANY	
Street Address:	1 EASTERN AVENUE	
City:	DHAHRAN	
State/Country:	SAUDI ARABIA	
Postal Code:	31311	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16951795

CORRESPONDENCE DATA

Fax Number:

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: 7132232300

Email: docketing@bracewell.com

Correspondent Name: BRACEWELL LLP **Address Line 1:** P.O. BOX 61389

Address Line 4: HOUSTON, TEXAS 77208-1389

ATTORNEY DOCKET NUMBER:	0004159.005954
NAME OF SUBMITTER:	KEVIN R. TAMM
SIGNATURE:	/Kevin R. Tamm/
DATE SIGNED:	12/21/2021

Total Attachments: 6

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PATENT 507039494 REEL: 058448 FRAME: 0391

PATENT ASSIGNMENT

This PATENT ASSIGNMENT (the "Assignment"), having an effective date of April 5, 2021 (the "Effective Date") is entered into by and between SAUDI ARAMCO UPSTREAM TECHNOLOGY COMPANY ("SAUTC"), a limited liability company with a business address of 1 Eastern Avenue, Dhahran, 31311, Saudi Arabia, and SAUDI ARABIAN OIL COMPANY ("SAO"), a limited liability company organized under the laws of the Kingdom of Saudi Arabia, with a business address of 1 Eastern Avenue, Dhahran, 31311, Saudi Arabia.

WHEREAS SAUTC is an owner in mesne of certain patent applications listed in Appendix A ("the Patent Applications"), including the inventions associated therewith;

WHEREAS SAUTC is willing to sell, convey, assign and transfer SAUTC's entire right, title and interest in and to the Patent Applications; and

WHEREAS SAO desires to acquire SAUTC's entire right, title and interest in and to the Patent Applications in exchange for mutually agreed upon consideration.

NOW, THEREFORE, for and in consideration of mutual covenants contained herein as well as other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, SAUTC and SAO agree as follows:

1. Assignment

SAUTC does hereby sell, assign, and transfer to SAO all of SAUTC's right, title and interest, in and to the following (the "Assigned Patent Applications"):

- (a) The patents and patent applications set forth in Appendix A hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations, and renewals thereof; and
- (b) All rights of any kind whatsoever of SAUTC accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions, and otherwise throughout the world, including the right to prosecute the Patent Applications in its own name or in the name of SAUTC whenever reasonably necessary, and the right to claim priority to any of the Patent Applications.

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2. Rights of Recovery

SAUTC does hereby sell, assign, and transfer to SAO:

- (a) Any and all royalties, fees, income, payments, and other proceeds due or payable as of the Effective Date or thereafter with respect to any and all of the Assigned Patent Applications; and
- (b) Any and all claims and causes of action with respect to any of the foregoing, whether accruing before, on, or after the Effective Date, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

3. Recordation and Further Assistance

- (a) SAUTC hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on the Assigned Patent Applications to SAO, as assignee of its entire interest.
- (b) SAUTC further agrees that it will, at any time, upon request, execute and deliver any and all papers and take such actions that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to SAO, its successors, assigns, or other legal representatives or complete filing requirements for the Patent Applications and that if SAO shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer.
- (c) SAUTC does further agree that it will, at any time upon request, communicate to SAO, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to it or its employees, and testify as to the same in any interference or other litigation

-2-

when requested so to do, without further compensation but at the expense of SAO,

its successors, or other legal representatives.

4. Entire Agreement

This Assignment contains the entire agreement between the parties hereto and constitutes the

complete, final and exclusive embodiment of their agreement with respect to the subject matters covered in

this Assignment. All prior or contemporaneous agreement, understandings, representations, duties,

statement are merged into, terminated and/or superseded by this Assignment.

5. Counterparts

This Assignment may be executed in two or more counterparts, each of which shall be deemed an

original, but all of which together shall be deemed one and the same agreement. A signed copy of this

Assignment delivered by e-mail or other means of electronic transmission shall be deemed to have the same

legal effect as delivery of an original signed copy of this Assignment. Electronic signatures shall be

acceptable as original signatures.

6. Successors and Assigns

This Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their

respective successors and assigns.

7. Acknowledgements

(a) SAUTC agrees that SAO may, at its discretion, record this Assignment with the

United States Patent and Trademark Office or a patent office in any other

jurisdiction.

(b) SAUTC acknowledges receipt of fair and adequate consideration for this

Assignment.

Each person signing this Assignment warrants and represents that they are duly authorized, with

full authority to bind the party, and that no signature of any other person or entity is necessary to bind the

party.

* * * *

-3-

AASAO-01,25,2021

#8034508.1

Saudi Aramco: Company General Use

PATENT REEL: 058448 FRAME: 0394

EXECUTED

THIS 8 day of April, 2021

SAUDI ARAMCO UPSTREAM TECHNOLOGY COMPANY

By: Name:

Ashraf M. Al-Tahini

Title:

Chief Executive Officer

-4-

#8034508.1

1st Quarter 2021

EXECUTED

THIS 8 day of April, 2021

SAUDI ARABIAN OIL COMPANY

By:

Name: Kwadio S Adusei-Poku

Title:

Chief IP Counsel

APPENDIX A

The Patent Applications

Title	Application No.	Filing Date
Reversible Mechanically Triggered Nanosilica Gels	16/951,795	Nov-18-2020
Reversible Aminal Gel Compositions, Methods, and Use in Three-Dimensional Printing	17/141,950	Jan-05-2021
Reversible Aminal Gel Compositions, Methods, and Use	16/901,859	Jun-15-2020

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AASAO-01.25.2021

Saudi Aramco: Company General Use

RECORDED: 12/21/2021

PATENT REEL: 058448 FRAME: 0397