

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NOTICE OF TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENT RIGHTS
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JPMORGAN CHASE BANK, N.A.	05/13/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STRATUM RESERVOIR (US), LLC
<b>Street Address:</b>	700 LOUISIANA ST.
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77002
<b>PROPERTY NUMBERS Total: 8</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9029156
Patent Number:	9321052
Patent Number:	9552958
Patent Number:	9725660
Patent Number:	10241010
Application Number:	15563308
Application Number:	15563295
Application Number:	15542992
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)455-2502
<i>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.</i>	
<b>Phone:</b>	2124552592
<b>Email:</b>	ksolomon@stblaw.com
<b>Correspondent Name:</b>	COURTNEY WELSHIMER, ESQ.
<b>Address Line 1:</b>	SIMPSON THACHER & BARTLETT LLP
<b>Address Line 2:</b>	425 LEXINGTON AVENUE
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10017
<b>ATTORNEY DOCKET NUMBER:</b>	509265/2176
<b>NAME OF SUBMITTER:</b>	COURTNEY WELSHIMER

<b>SIGNATURE:</b>	/CW/
<b>DATE SIGNED:</b>	05/18/2022
<b>Total Attachments: 4</b> source=PSA Release - Stratum Reservoir (US) LLC - Executed#page1.tif source=PSA Release - Stratum Reservoir (US) LLC - Executed#page2.tif source=PSA Release - Stratum Reservoir (US) LLC - Executed#page3.tif source=PSA Release - Stratum Reservoir (US) LLC - Executed#page4.tif	

**NOTICE OF TERMINATION AND RELEASE OF  
SECURITY INTEREST IN PATENT RIGHTS**

This NOTICE OF TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENT RIGHTS (this "Termination and Release"), effective as of May 13, 2022, is made by JPMORGAN CHASE BANK, N.A., in its capacity as administrative agent for the lenders (referred to herein as the "Agent"), in favor of STRATUM RESERVOIR (US), LLC, a Delaware limited liability company (the "Grantor").

**WITNESSETH:**

WHEREAS, pursuant to (a) the Credit Agreement, dated as of April 30, 2019 (as amended, supplemented, amended and restated or otherwise modified from time to time, the "Credit Agreement"), among Stratum Reservoir Intermediate, LLC (the "Borrower"), Energy Reservoir Holdings, LLC, the Lenders, and the Agent, and (b) that certain Pledge and Security Agreement, dated as April 30, 2019, in favor of the Agent (as amended, supplemented, amended and restated or otherwise modified from time to time, the "Pledge and Security Agreement"), by and among the Borrower, Stratum Reservoir Holdings, LLC, the Grantor, the other Credit Parties from time to time party thereto, and the Agent, the Grantor pledged and granted to the Agent for the benefit of the Agent and the Lenders a continuing security interest (the "Security Interest") in all Intellectual Property Collateral, including Patent Collateral (as that term is defined in the Pledge and Security Agreement);

WHEREAS, in furtherance of the Pledge and Security Agreement, the Grantor and the Agent entered into that certain Grant of Security Interest in Patent Rights, dated as of April 30, 2019 (the "Patent Security Agreement");

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office (the "USPTO") on May 20, 2019 at Reel/Frame No. 049234/0650;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and upon the terms set forth in this Termination and Release, the Agent hereby agrees as follows:

SECTION 1. Definitions. Unless otherwise defined herein, terms used in this Termination and Release, including its preamble and recitals, have the meanings provided or provided by reference in the Credit Agreement, the Pledge and Security Agreement or the Patent Security Agreement, as applicable.

SECTION 2. Release of Security Interest. The Agent, without recourse, representation or warranty of any kind, hereby terminates, releases, discharges, and cancels its Security Interest in and to the Patent Collateral, including but not limited to the patents and patent applications listed on Schedule A attached hereto, if any. The Agent, without recourse, representation or warranty of any kind, hereby terminates and cancels the Patent Security Agreement.

SECTION 3. Recording. The Agent hereby authorizes and requests that the Commissioner for Patents of the United States Patent and Trademark Office record this Termination and Release.

SECTION 4. Governing Law. This Termination and Release shall be governed by, and construed and enforced in accordance with, the laws of the State of New York.

*[Signatures Follow On Next Page.]*

IN WITNESS WHEREOF, the Agent has caused this Termination and Release to be duly executed and delivered by its officer thereunto duly authorized as of the date set forth above.

JPMORGAN CHASE BANK, N.A.,  
as Agent

By: Michael A. Harvey  
Name: Michael A. Harvey  
Title: Authorized Officer

**SCHEDULE A**

**U.S. Issued Patents**

<b>Title</b>	<b>Patent Number</b>	<b>Record Owner</b>
Measuring Properties and Amount of Producing Oil in Shale-Oil Reservoir Samples	9029156	Stratum Reservoir (US), LLC
Fluid Sampling Flask Having Cap and Valve Assembly	9321052	Stratum Reservoir (US), LLC
Alignment Marking for Rock Sample Analysis	9552958	Stratum Reservoir (US), LLC
Oil/Bitumen Emulsion Separation	9725660	Stratum Reservoir (US), LLC
Apparatus and Methods of Collecting and Sampling Hydrocarbon Fluids	10241010	Stratum Reservoir (US), LLC

**U.S. Patent Applications**

<b>Title</b>	<b>Patent Application Number</b>	<b>Record Owner</b>
Centrifuge Having Onboard Imaging System	15563308	Stratum Reservoir (US), LLC
Centrifuge Having Onboard Imaging System	15563295	Stratum Reservoir (US), LLC
Methods and Apparatus for Centrifuge Fluid Production and Measurement Using Resistive Cells	15542992	Stratum Reservoir (US), LLC