

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7045682

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
POET RESEARCH, INC.	11/23/2021
RECEIVING PARTY DATA	
Name:	JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT
Street Address:	10 SOUTH DEARBORN
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60603
PROPERTY NUMBERS Total: 18	
Property Type	Number
Patent Number:	11135568
Patent Number:	11008531
Application Number:	17124863
Application Number:	17207941
Application Number:	17071794
Application Number:	16661469
Application Number:	17009456
Application Number:	17063009
Application Number:	16918103
Application Number:	17118208
Application Number:	17369394
Application Number:	17026771
Application Number:	17108656
Application Number:	17218508
Application Number:	17174102
Application Number:	17167334
Application Number:	17320848
Application Number:	17365027
CORRESPONDENCE DATA	

Fax Number: (214)981-3400

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: 214-981-3483

Email: dclark@sidley.com

Correspondent Name: DUSAN CLARK, ESQ.

Address Line 1: SIDLEY AUSTIN LLP

Address Line 2: 2021 MCKINNEY AVE., SUITE 2000

Address Line 4: DALLAS, TEXAS 75201

ATTORNEY DOCKET NUMBER:	36084-30089
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NAME OF SUBMITTER:	DUSAN CLARK
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SIGNATURE:	/Dusan Clark/
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DATE SIGNED:	11/29/2021
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Total Attachments: 5

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**CONFIRMATORY GRANT OF SECURITY INTEREST
IN UNITED STATES PATENTS**

THIS CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS (the “Confirmatory Grant”) is made effective as of November 23, 2021 by and from POET RESEARCH, INC., a South Dakota corporation (the “Grantor”), to and in favor of JPMORGAN CHASE BANK, N.A., (the “Grantee”) for itself and as Administrative Agent for the Secured Parties (as defined in the Amended Credit Agreement referenced below).

WHEREAS, POET Investments, LLC, a Delaware limited liability company (the “Borrower”), the Lenders and the Grantee have entered into that certain Amendment No. 2 to Credit Agreement dated as of the date hereof (the “Amendment”) which Amendment amends that certain Credit Agreement dated as of April 2, 2020 by and among the Borrower, the other Loan Parties from time to time party thereto, the Lenders and the Grantee (as amended by that certain Amendment No. 1, dated as of May 27, 2021, by and among the Borrower, the financial institutions listed on the signature pages thereof and the Grantee, the “Existing Credit Agreement” and the Existing Credit Agreement as so amended, collectively with the applicable Exhibits and Schedules thereto as so amended, being referred to as the “Amended Credit Agreement”) on the terms and conditions provided therein.

WHEREAS, the Borrower, the Grantor, the other Loan Parties and the Grantee have entered into a Pledge and Security Agreement dated April 1, 2020 (as amended, restated, supplemented or otherwise modified from time to time, the “Security Agreement”), which has been reaffirmed by that certain Reaffirmation and Joinder Agreement dated as of the date hereof by the Borrower and the other Loan Parties party thereto in favor of the Grantee.

WHEREAS, the Grantor owns the patents (the “Patents”) listed on Exhibit A attached hereto, which Patents are issued or pending with the United States Patent and Trademark Office.

WHEREAS, this Confirmatory Grant has been granted in conjunction with the security interest granted to Grantee under the Security Agreement. The rights and remedies of Grantee with respect to the security interest granted herein are without prejudice to and are in addition to those set forth in the Security Agreement and the other Loan Documents, all terms and provisions of which are incorporated herein by reference. In the event that any of the provisions of this Confirmatory Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed that:

1) Definitions. All capitalized terms not defined herein shall have the respective meanings given to them in the Amended Credit Agreement.

2) The Security Interest.

(a) This Confirmatory Grant is made to secure the satisfactory performance and payment of all the Secured Obligations. Upon the payment in full of all Secured Obligations (other than Unliquidated Obligations that have not yet arisen), Grantee shall promptly, upon such satisfaction, execute, acknowledge, and deliver to Grantor all reasonably requested instruments in writing or otherwise, releasing the security interest in the Patents acquired under this Confirmatory Grant.

(b) The Grantor hereby grants to Grantee a security interest in (1) all of Grantor's right, title and interest in and to the Patents now owned or from time to time after the date hereof owned or acquired by the Grantor, together with (2) all proceeds and products of the Patents, and (3) all causes of action arising prior to or after the date hereof for infringement of the Patents or unfair competition regarding the same.

3) Counterparts. This Confirmatory Grant may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.

4) Governing Law. This Confirmatory Grant and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of New York.

IN WITNESS WHEREOF, the Grantor has executed this Confirmatory Grant of Security Interest in United States Patents effective as of the date first written above.

POET RESEARCH, INC.

By: 
Name: Jeff Lautt
Title: President and Chief Operating Officer

Signature Page for Grant of
Security Interest in United States Patents

PATENT
REEL: 058231 FRAME: 0550

CONFIRMATORY GRANT OF SECURITY INTEREST
IN UNITED STATES PATENTS
Exhibit A - SCHEDULE OF PATENTS

No.	Pat No. Pub No App no	Pat Date Pub Date App Date	Title	Current Owner	Status
1.	20210206973 17124863	07-08-2021 12-17-2020	ENHANCED ALKYL ESTER CONTAINING OIL COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME	POET RESEARCH, INC.	PUBLISHED
2.	20210206974 17207941	07-08-2021 03-22-2021	ENHANCED ALKYL ESTER CONTAINING OIL COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME	POET RESEARCH, INC.	PUBLISHED
3.	20210108163 17071794	04-15-2021 10-15-2020	METHOD OF STILLAGE CLARIFICATION USING TRANSGLUTAMINASE	POET RESEARCH, INC.	PUBLISHED
4.	20200131403 16661469	04-30-2020 10-23-2019	BIO-BASED ADDITIVE FOR ASPHALT	POET RESEARCH, INC.	PUBLISHED
5.	20200399663 17009456	12-24-2020 09-01-2020	HIGH PURITY STARCH STREAM METHODS AND SYSTEMS	POET RESEARCH, INC.	PUBLISHED
6.	20210032564 17063009	02-04-2021 10-05-2020	METHODS OF REFINING A GRAIN OIL COMPOSITION, AND RELATED COMPOSITIONS AND METHODS OF USING	POET RESEARCH, INC.	PUBLISHED
7.	20200332330 16918103	10-22-2020 07-01-2020	USING DISSOLVED OXYGEN TO INHIBIT LACTIC ACID PRODUCTION DURING PROPAGATION OF YEAST AND/OR HYDROLYSIS OF LIGNOCELLULOSIC BIOMASS	POET RESEARCH, INC.	PUBLISHED
8.	20210087589 17118208	03-25-2021 12-10-2020	CORN BLENDS THAT INCLUDE HIGH OIL CORN AND METHODS OF MAKING ONE OR MORE BIOCHEMICALS USING HIGH OIL CORN OR CORN BLENDS THAT INCLUDE HIGH OIL CORN	POET RESEARCH, INC.	PUBLISHED
9.	20210332244 17369394	10-28-2021 07-07-2021	METHODS OF PRODUCING VEGETABLE OILS WITH LOW MINERALS, METALS, OR OTHER CONTAMINANTS	POET RESEARCH, INC.	PUBLISHED
10.	20210002584 17026771	01-07-2021 09-21-2020	METHODS OF REFINING A GRAIN OIL COMPOSITION	POET RESEARCH, INC.	PUBLISHED
11.	20210079431 17108656	03-18-2021 12-01-2020	METHODS & SYSTEMS FOR PROPAGATING MICROORGANISMS ON STILLAGE COMPOSITIONS	POET RESEARCH, INC.	PUBLISHED
12.	20210214659 17218508	07-15-2021 03-31-2021	SYSTEMS AND METHODS FOR STILLAGE FRACTIONATION	POET RESEARCH, INC.	PUBLISHED
13.	20210163996 17174102	06-03-2021 02-11-2021	ECONOMIC SUGAR STREAM, PROCESSES AND SYSTEMS OF PRODUCING SAME	POET RESEARCH, INC.	PUBLISHED
14.	20210245175 17167334	08-12-2021 02-04-2021	CENTRIFUGE, AND RELATED SYSTEMS AND METHODS	SEPARATOR TECHNOLOGY SOLUTIONS US INC. and POET RESEARCH, INC.	PUBLISHED
15.	20210322892 17320848	10-21-2021 05-14-2021	PURIFIED ETHANOL FROM FUEL ETHANOL PROCESS	POET RESEARCH, INC.	PUBLISHED
16.	20210324423 17365027	10-21-2021 07-01-2021	ECONOMIC SUGAR STREAM, PROCESSES AND SYSTEMS OF PRODUCING SAME	POET RESEARCH, INC.	PUBLISHED
17.	11135568	10-05-2021	METHODS OF REGENERATING MOLECULAR SIEVES, AND	POET RESEARCH, INC.	ISSUED

No.	Pat No. Pub No App no	Pat Date Pub Date App Date	Title	Current Owner	Status
18.	17078792 11008531 20200339910 16880172	10-23-2020 05-18-2021 10-29-2020 05-21-2020	RELATED SYSTEMS METHODS OF REFINING A GRAIN OIL COMPOSITION TO MAKE ONE OR MORE GRAIN OIL PRODUCTS, AND RELATED SYSTEMS	POET RESEARCH, INC.	ISSUED

PATENT

REEL: 058231 FRAME: 0552

Exhibit A

RECORDED: 11/29/2021