506352930 11/13/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFFREY G WEISSMAN	11/12/2020
BRUCE CROWDER	10/22/2020
JULIAN PRADA	10/29/2020

RECEIVING PARTY DATA

Name:	PRECISION COMBUSTION INC	
Street Address:	410 SACKETT POINT	
City:	NORTH HAVEN	
State/Country:	CONNECTICUT	
Postal Code:	06473	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17097048

CORRESPONDENCE DATA

Fax Number: (203)287-3710

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: 203 287 3700

Email: legal@precision-combustion.com
Correspondent Name: PRECISION COMBUSTION, INC.
Address Line 1: 410 SACKETT POINT ROAD

Address Line 2: LEGAL DEPARTMENT

Address Line 4: NORTH HAVEN, CONNECTICUT 06473

ATTORNEY DOCKET NUMBER:	BER: MOI 411	
ATTOMINET BOOKET NOMBEN.	IVIOT4TT	
NAME OF SUBMITTER:	MARIE F. ZUCKERMAN, PHD	
SIGNATURE:	/Marie F. Zuckerman, Reg. No. 31,315/	
ATE SIGNED: 11/13/2020		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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PATENT 506352930 REEL: 054356 FRAME: 0562

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PATENT REEL: 054356 FRAME: 0563

DECLARATION AND ASSIGNMENT

Title of Invention: CATALYTIC SOLAR REACTOR

Attorney Docket No.: MOI 411

As a below named inventor, I hereby declare that:

This declaration is directed to: U.S. Non-Provisional Patent Application Serial No 17/097,046 filed 11/13/2020 which claims benefit of U.S. Provisional Patent Application No. 62/945,309, filed on 12/09/2019.

The above-identified application was made or authorized to be made by me, and I have reviewed and understand the contents of the application, including the claims.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries disclosed in the above-identified patent application;

AND WHEREAS, Precision Combustion, Inc. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of Delaware, having a place of business at 410 Sackett Point Road, North Haven, CT, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Declaration and Assignment any further identification of the application (including, but not limited to, patent Application Number and filing date).

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature:

Legal Name of Inventor: Jeffrey G. WEISSMAN

Citizenship: United States of America

Date: Nov. 12,2020

PATENT REEL: 054356 FRAME: 0564

DECLARATION AND ASSIGNMENT

Title of Invention: CATALYTIC SOLAR REACTOR

Attorney Docket No.: MOI 411

As a below named inventor, I hereby declare that:

This declaration is directed to: U.S. Non-Provisional Patent Application Serial No. 14/037048 filed 11/13/2020 which claims benefit of U.S. Provisional Patent Application No. 62/945,309, filed on 12/09/2019.

The above-identified application was made or authorized to be made by me, and I have reviewed and understand the contents of the application, including the claims.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries disclosed in the above-identified patent application;

AND WHEREAS, Precision Combustion, Inc. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of Delaware, having a place of business at 410 Sackett Point Road, North Haven, CT, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Declaration and Assignment any further identification of the application (including, but not limited to, patent Application Number and filing date).

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature:

Date: 10/22/20

Legal Name of Inventor: Bruce CROWDER

Citizenship: United States of America

DECLARATION AND ASSIGNMENT

Title of Invention: CATALYTIC SOLAR REACTOR

Attorney Docket No.: MOI 411

As a below named inventor, I hereby declare that:

This declaration is directed to: U.S. Non-Provisional Patent Application Serial No. 14071048 filed 11/15/2020 which claims benefit of U.S. Provisional Patent Application No. 62/945,309, filed on 12/09/2019.

The above-identified application was made or authorized to be made by me, and I have reviewed and understand the contents of the application, including the claims.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries disclosed in the above-identified patent application;

AND WHEREAS, Precision Combustion, Inc. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of Delaware, having a place of business at 410 Sackett Point Road, North Haven, CT, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged. We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal Name of Inventor: Julian PRADA Citizenship: United States of America

> PATENT REEL: 054356 FRAME: 0566

RECORDED: 11/13/2020