

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5440826

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
SUNDROP FUELS, INC.		08/08/2018
RECEIVING PARTY DATA		
Name:	SUNDROP IP HOLDINGS, LLC	
Street Address:	10515 MOORING RD	
City:	LONGMONT	
State/Country:	COLORADO	
Postal Code:	80504	
PROPERTY NUMBERS Total: 32		
Property Type	Number	
Application Number:	61185492	
Patent Number:	8771387	
Patent Number:	8378151	
Patent Number:	9150803	
Patent Number:	8709112	
Patent Number:	8821599	
Patent Number:	9150802	
Patent Number:	9011560	
Application Number:	61380116	
Patent Number:	8814961	
Patent Number:	9295961	
Application Number:	15419826	
Patent Number:	9663363	
Patent Number:	9126173	
Patent Number:	8961628	
Patent Number:	9416077	
Patent Number:	9447326	
Application Number:	62084868	
Patent Number:	9771531	
Application Number:	62216303	

PATENT

Property Type	Number
Application Number:	15260198
Application Number:	62483104
Application Number:	15946952
PCT Number:	US2018026504
Application Number:	62483115
Application Number:	15946978
PCT Number:	US2018026553
Application Number:	62483122
Application Number:	15947024
Application Number:	62490891
Application Number:	15963431
PCT Number:	US2018029547

CORRESPONDENCE DATA

Fax Number: (714)546-9035

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: 7146415100

Email: patents@rutan.com

Correspondent Name: RUTAN & TUCKER LLP

Address Line 1: 611 ANTON BOULEVARD, SUITE 1400

Address Line 4: COSTA MESA, CALIFORNIA 92626

NAME OF SUBMITTER: THOMAS S. FERRILL

SIGNATURE: /Thomas S. Ferrill/

DATE SIGNED: 03/26/2019

Total Attachments: 6

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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration including an exchange of value worth at least one dollar, the receipt and sufficiency of which is hereby acknowledged, Sundrop Fuels, Inc., a corporation of Delaware, having a principal place of business at 2410 Trade Centre Avenue, Suite A, Longmont, Colorado 80503 USA ("Assignor"), hereby sells, assigns, transfers and conveys to Sundrop IP Holdings, LLC, a Colorado Corporation located at 10515 Mooring Rd., Longmont, Colorado 80504 USA ("Assignee"), its successors, assigns and legal representatives, the entire right, title and interest in and to United States Letters Patent Number listed in the Appendix, and all divisions, continuations, and renewals thereof, and all proceeds thereof (including but not limited to, all license royalties and proceeds of infringement suits) and all United States and foreign letters patents which may be granted on the applications or any corresponding applications in a country foreign to the United States, and all reissues, extensions thereof, and in and to any and all causes of action (excepting claims upon the United States of America) for past, present, and future infringement of any of the Letters Patents, or relating to any inventions or discoveries described therein, including the right to collect royalties for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit of their successors, assigns and legal representatives, each and every of the foregoing rights, titles and interests herein assigned to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be duly executed in its name, and behalf by affixing its hand and seal thereto by its designated officer, director, or agent, whose name and title appear below.

Executed this 8th day of August 2018.

SUNDROP FUELS, INC.

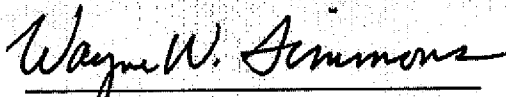
(Assignee)

SUNDROP IP HOLDINGS, LLC

(Assignor)

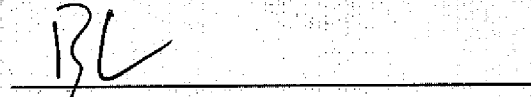
By: Oak Investment Partners XII, L.P., its Manager

By: Oak Associates XII, LLC, its General Partner


Signature

Name: Wayne W Simmons

Title: CEO


Signature

Name: Bandel Carano

Title: Managing Partner

Rutan Matter# (Attorney File No.)	Title	Filing Date	Application Number	Patent Number	Issued Date
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026757-0005PRO	VARIOUS METHODS AND APPARATUSES FOR SOLAR-THERMAL GASIFICATION OF BIOMASS TO PRODUCE SYNTHESIS GAS	6/9/2009	61/185492		
026757-0005P	SYSTEMS AND METHODS FOR SOLAR-THERMAL GASIFICATION OF BIOMASS	6/8/2010	12/796045	8,771,387	7/8/2014
026757-0013P	SYSTEMS AND METHODS FOR AN INTEGRATED SOLAR DRIVEN CHEMICAL PLANT	6/8/2010	12/796121	8,378,151	2/19/2013
026757-0014P	SYSTEMS AND METHODS FOR BIOMASS GRINDING AND FEEDING	6/8/2010	12/796222	9,150,803	10/6/2015
026757-0015P	SYSTEMS AND METHODS FOR QUENCHING, GAS CLEAN UP, AND ASH REMOVAL	6/8/2010	12/796319	8,709,112	4/29/2014
026757-0019P	SYSTEMS AND METHODS FOR BIOMASS GASIFIER REACTOR AND RECEIVER CONFIGURATION	6/8/2010	12/795910	8,821,599	9/2/2014
026757-0020P	SYSTEMS AND METHODS FOR AN INDIRECT RADIATION DRIVEN GASIFIER REACTOR & RECEIVER CONFIGURATION	6/8/2010	12/795947	9,150,802	10/6/2015
026757-0026P	VARIOUS METHODS AND APPARATUSES FOR AN ULTRA-HIGH HEAT FLUX CHEMICAL REACTOR	8/31/2011	13/254020	9,011,560	4/21/2015
026757-0026PAU	VARIOUS METHODS AND APPARATUSES FOR AN ULTRA-HIGH HEAT FLUX CHEMICAL REACTOR	12/8/2010	2010355257.0	2,010,355,257	2/18/2016
026757-0026PRO	VARIOUS METHODS AND APPARATUSES FOR AN ULTRA-HIGH HEAT FLUX CHEMICAL REACTOR	9/3/2010	61/380116		
026757-	VARIOUS METHODS AND	12/8/2010	PCT/US2010/059564		

0026PCT	APPARATUSES FOR AN ULTRA-HIGH HEAT FLUX CHEMICAL REACTOR				
026757-0026PCN	VARIOUS METHODS AND APPARATUSES FOR AN ULTRA-HIGH HEAT FLUX CHEMICAL REACTOR	12/7/2012	201080067327.0	ZL201080067327.0	1/27/2016
026757-0027P	VARIOUS METHODS AND APPARATUSES FOR AN ULTRA-HIGH HEAT FLUX CHEMICAL REACTOR	3/26/2012	13/429749	8,814,961	8/26/2014
026757-0028P	VARIOUS METHODS AND APPARATUSES FOR A RADIANT-HEAT DRIVEN CHEMICAL REACTOR	3/26/2012	13/429752	9,295,961	3/29/2016
026757-0030PC	VARIOUS METHODS AND APPARATUSES FOR INTERNALLY HEATED RADIANT TUBES IN A CHEMICAL REACTOR	1/30/2017	15/419,826		
026757-0030P	VARIOUS METHODS AND APPARATUSES FOR INTERNALLY HEATED RADIANT TUBES IN A CHEMICAL REACTOR	3/26/2012	13/429794	9,663,363	5/30/2017
026757-0031P	PRETREATMENT OF BIOMASS USING THERMO MECHANICAL METHODS BEFORE GASIFICATION	3/26/2012	13/429847	9,126,173	9/8/2015
026757-0035P	STEAM EXPLOSION PROCESS FOR BIOMASS	6/22/2012	13/531318	8,961,628	2/24/2015
026757-0036P	IMPROVING RENEWABLE CARBON CONTENT IN METHANOL AND OTHER PRODUCTS FROM GASIFICATION OF BIOMASS	9/13/2013	14/026768	9,416,077	8/16/2016
026757-0037P	Pretreatment of Biomass Using Steam Explosion Methods Before Gasification	5/13/2014	14/276719	9,447,326	9/20/2016
026757-0048PRO	BIOMASS TO TRANSPORTATION FUELS USING HIGH TEMPERATURE FISCHER-TROPSCH	11/26/2014	62/084,868		
026757-0048P	BIOMASS TO TRANSPORTATION FUELS USING HIGH TEMPERATURE	11/25/2015	14/952060	9,771,531	9/26/2017

026757-0049PRO	FISCHER-TROPSCH An Integrated Process Plant Having a Biomass Gasifier Using Fluidized Bed	9/9/2015	62/216,303		
026757-0049P	An Integrated Process Plant Having a Biomass Gasifier Using Fluidized Bed	9/8/2016	15/260198		
026757-0051PRO	Integrated Biofuels Process Configurations, Employing a 2-Stage Bio-Reforming Reactor System, in which Renewable Carbon Content of Gasoline and Diesel are Optimized for Value	4/7/2017	62/483,104		
026757-0051P	Integrated Biofuels Process Configurations, Employing a 2-Stage Bio-Reforming Reactor System, in which Renewable Carbon Content of Gasoline and Diesel are Optimized for Value	4/6/2018	15/946,952		
026757-0051PCT	Integrated Biofuels Process Configurations, Employing a 2-Stage Bio-Reforming Reactor System, in which Renewable Carbon Content of Gasoline and Diesel are Optimized for Value	4/6/2018	PCT/US2018/026504		
026757-0052PRO	Multi-Purpose Application of the Second Stage of a 2-Stage Bio-Reforming Reactor System for Reforming Bio-Syngas, Natural Gas and Process Recycle Streams	4/7/2017	62/483,115		
026757-0052P	Multi-Purpose Application of the Second Stage of a 2-Stage Bio-Reforming Reactor System for Reforming Bio-Syngas, Natural Gas and Process Recycle Streams	4/6/2018	15/946,978		
026757-0052PCT	Multi-Purpose Application of the Second Stage of a 2-Stage Bio-Reforming Reactor System for Reforming Bio-Syngas, Natural Gas and Process Recycle Streams	4/7/2018	PCT/US2018/026553		
026757-	Flexible Options for Utilizing Naphtha	4/7/2017	62/483122		

0053PRO	from a Low Temperature Fischer-Tropsch Process in a Plant Converting Biomass to Syncrude or Transportation Fuels				
026757-0053P	Flexible Options for Utilizing Naphtha from a Low Temperature Fischer-Tropsch Process in a Plant Converting Biomass to Syncrude or Transportation Fuels	4/6/2018	15/947,024		
026757-0054PRO	First Stage Process Configurations in a 2-Stage BioReforming Reactor System	4/26/2017	62/490,891		
026757-0054P	First Stage Process Configurations in a 2-Stage BioReforming Reactor System	4/26/2018	15/963,431		
026757-0054PCT	First Stage Process Configurations in a 2-Stage BioReforming Reactor System	4/27/2018	PCT/US2018/029547		

RECORDED: 03/26/2019

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