507682102 01/06/2023 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7729243

SUBMISSION TYPE:			NEW ASSIGNMENT	
NATURE OF CONVEN	YANCE:		ASSIGNMENT	
CONVEYING PARTY	ΟΑΤΑ			
		1	Name	Execution Date
LOCUS OIL IP COMF	PANY, LLC			10/26/2022
RECEIVING PARTY	DATA			
Name:	LOCUS	S SOLI	JTIONS IPCO, LLC	
Street Address:	30600	AURO	RA ROAD, SUITE 180	
City:	SOLON	N		
State/Country:	ОНЮ			
Postal Code:	44139			
	DC Total: 1			
PROPERTY NUMBE Property Typ			Number	
Application Number		18088		
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INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

This INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT (the "Agreement") is entered into as of October 26, 2022, by and between Locus Oil IP Company, LLC (the "Assignor") and Locus Solutions IPCo, LLC, a Delaware limited liability company (the "Company").

WHEREAS, the Company desires to obtain from Assignor, and Assignor is willing to assign and transfer to Assignee, the Property (as defined below), in accordance with the terms and subject to the conditions of this Agreement.

WHEREAS, concurrently with the execution of this Agreement, the Company is entering that certain Intellectual Property License Agreement with Assignor (the "*License Agreement*") and certain other parties specified in such License Agreement to enable Assignor, its affiliates, and their end users to use the Property (as defined below) and such other intellectual property that is the subject of such License Agreement to commercialize and exploit such intellectual property.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor and the Company agree as follows:

AGREEMENT

Assignor hereby sells, assigns and delivers to the Company all Assignor's right, title and 1. interest, on a worldwide basis, in and to (x) the issued patents, patent applications, registered trademarks and trademark described in Exhibit A attached hereto, (y) all other Intellectual Property Rights, owned, acquired, created, or developed by or on behalf of Assignor whether in existence on the date hereof or owned, acquired, created or developed thereafter, and (z) any and all modifications, derivative works and improvements in the forgoing together with all related Intellectual Property Rights, in each case, together with the right to sue and recover damages and payments for past, present, and future infringement, misappropriation, violation, or conflict of or any of the foregoing and all rights to protection of interests therein (collectively, the "Property"). "Intellectual Property Rights" means collectively, any and all now known or hereafter known tangible and intangible intellectual property rights or similarly protected rights in any country, now or in the future, whether or not registered or perfected, and whether arising by operation of law, contract, license, or otherwise, of technical information, data and processes whether tangible or intangible, including, without limitation: (i) copyrights, inventor certificates, and other rights associated with works of authorship throughout the world, including but not limited to, copyrights and moral rights (including the right of an author to be known as the author of a work); (ii) know-how and trade secret rights; (iii) patent rights, including utility and design patents; (iv) rights related to designs, algorithms, semiconductor mask work rights; (v) trademark rights, trademark and service mark rights (whether arising under common law or registered under state or federal law), trade names, and brand names and similar rights; and (vi) to the extent applicable, all registrations, initial applications, renewals, extensions, continuations, continuations-in-part, divisions or reissues hereof now or hereafter in force, including any rights in any of the foregoing.

2. Upon each request by the Company, without additional consideration, Assignor agrees to promptly execute documents, including further confirmatory assignments to the Company, as necessary, testify and take other acts at the Company's expense as the Company may deem necessary or desirable to procure, maintain, perfect, and enforce the full benefits, enjoyment, rights, title and interest, on a worldwide basis of the Property assigned hereunder, and render all necessary assistance in making application for and obtaining original, divisional, renewal, or reissued utility and design patents, copyrights, mask works, trademarks, trade secrets, and all other technology and Intellectual Property Rights throughout the world

PATENT REEL: 062300 FRAME: 0599 related to any of the Property, in the Company's name and for its benefit. In the event the Company is unable for any reason, after reasonable effort, to secure Assignor's signature on any document needed in connection with the actions specified herein, Assignor hereby irrevocably designates and appoints the Company and its duly authorized officers and agents as its agent and attorney in fact, which appointment is coupled with an interest, to act for and in its behalf to execute, verify and file any such documents and to do all other lawfully permitted acts to further the purposes of this paragraph with the same legal force and effect as if executed by Assignor. Assignor hereby waives and quitclaims to the Company any and all claims, of any nature whatsoever, which Assignor now or may hereafter have for infringement of any Property assigned hereunder.

3. Assignor further agrees to deliver to the Company upon execution of this Agreement any and all tangible manifestations of the Property, including, without limitation, all notes, records, files and tangible items of any sort in its possession or under its control relating to the Property. Such delivery shall include all present and predecessor versions. In addition, Assignor agrees to provide to the Company from and after the execution of this Agreement and at the expense of the Company competent and knowledgeable assistance to facilitate the transfer of all information, know-how, techniques, processes and the like related to such tangible manifestation and otherwise comprising the intangible aspects of the Property.

4. Assignor represents and warrants to the Company that (a) Assignor is the sole owner of the Property and has full and exclusive right to assign the rights assigned herein, subject to Assignor's existing licensing agreements, (b) Assignor has full right and power to enter into and perform this Agreement, (c) to Assignor's knowledge, none of the Property infringes, conflicts with or violates any patent or other Intellectual Property Right of any kind (including, without limitation, any trade secret) or similar rights of any third party, and (d) the execution, delivery and performance of this Agreement does not conflict with, constitute a breach of, or in any way violate any arrangement, understanding or agreement to which Assignor is a party or by which Assignor is bound.

5. Assignor further represents and warrants to the Company that no claim, whether or not embodied in an action past or present, of any infringement, of any conflict with, or of any violation of any patent, trade secret or other Intellectual Property Right or similar right, has been made or is pending or threatened in writing against Assignor relative to the Property. Assignor agrees to promptly inform the Company of any such claim arising or threatened in the future with respect to the Property or any part thereof.

6. This Agreement and the Exhibit attached hereto constitute the entire, complete, final and exclusive understanding and agreement of the parties hereto with respect to the subject matter hereof, and supersedes any other prior or contemporaneous oral understanding or agreement or any other prior written agreement. No modification of or amendment to this Agreement, nor any waiver of any rights under this Agreement, will be effective unless in writing and signed by the parties hereto.

7. This Agreement will be governed and construed in accordance with the laws of the State of New York without giving effect to any conflicts of laws principles that require the application of the law of a different state. Assignor hereby expressly consents to the personal jurisdiction of the state and federal courts located in the county in which the Company has its principal offices for any lawsuit filed there against Assignor by the Company arising from or related to this Agreement.

8. If any provision of this Agreement is found invalid or unenforceable, in whole or in part, the remaining provisions and partially enforceable provisions will, nevertheless, be binding and enforceable.

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9. Failure by either party to exercise any of its rights hereunder shall not constitute or be deemed a waiver or forfeiture of such rights.

10. The provisions hereof shall inure to the benefit of, and be binding upon, the successors and assigns of the parties hereto.

[Signature Page Follows]

The undersigned have executed this Agreement as of the date set forth above.

COMPANY:

LOCUS SOLUTIONS IPCO, LLC, a Delaware limited liability company

By:

Name: Donald Sweeney Title: Chief Financial Officer

ASSIGNOR:

LOCUS OIL IP COMPANY, LLC

Mg By: mum

Name: Donald Sweeney Title: Chief Financial Officer

Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Loan Party	C
Multifunctional Composition for Enhanced Oil Recovery, Improved United States Oil Quality and Prevention of Corrosion	Materials and Methods for Recovering Oil from Oil Sands	Two-Step Process for Microbial Enhanced Oil Recovery	Remediation of Rag Layer and Other Disposable Layers in Oil Tanks and Storage Equipment	Materials and Methods for Reducing Viscosity of Oil	Microbial Products and Uses Thereof to Improve Oil Recovery	Microbial Products and Their Use in Bioremediation and to Remove Paraffin and Other Contaminating Substances from Oil and Gas Production and Processing Equipment	Enhanced Microbial Production of Biosurfactants and Other Products, and Uses Thereof	Methods for Paraffin Removal and Extended Post-Primary Oil Recovery	Compositions and Methods for Paraffin Liquefaction and Enhanced Oil Recovery in Oil Wells and Associated Equipment	Treatment for Upgrading Heavy Crude Oil	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Materials and Methods for Recovering Oil from Oil Sands	Methods of Selective and Non-Selective Plugging for Water Flooding in Enhanced Oil Recovery	Treatment for Upgrading Heavy Crude Oil	Composition and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oil, Natural Gas, and in Associated Equipment	Symbiotic Fermentation of Acinetobacter and Bacillus and Applications Thereof	Materials and Methods for Reducing Viscosity of Oil	Microbial Products and Uses Thereof to Improve Oil Recovery	Enhanced Microbial Production of Biosurfactants and Other Products, and Uses Thereof	Title	
ed United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	United States	Country	
16/762,800	17/860,211	16/634,318	16/617,208	17/201,709	17/882,138	16/468,350	16/792,469	17/268,473	17/052,181	17/130,726	17/101,672	16/646,472	16/634,390	16/625,288	16/490,185	16/477,892	16/641,370	16/477,305	16/490,187	15/512,549	Serial No.	
												11,396,623	11,401,452	10,907,106	10,844,276	11,155,746	11,279,965	10,947,444	11,414,591	10,576,519	Patent No.	
Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Allowed	Allowed	Allowed	Allowed	Issued	Issued	Issued	Issued	Issued	Issued	Issued	Issued	Issued	Status	

Loan Party Title Country	Locus Oil IP Company, LLC Multi-Functional Compositions for Enhanced Oil and Gas United States Recovery and Other Petroleum Industry Applications	Locus Oil IP Company, LLC Compositions and Methods for Removing Sludge from Oil United States Storage Tanks	Locus Oil IP Company, LLC Compositions and Methods for Paraffin Liquefaction and United States Enhanced Oil Recovery in Oil Wells and Associated Equipment	Locus Oil IP Company, LLC Compositions and Methods for Enhanced Oil Recovery from Low United States Permeability Formations	Locus Oil IP Company, LLC Materials and Methods for Extended Reduction of Heavy Crude United States Oil Viscosity	Locus Oil IP Company, LLC Multi-Functional Compositions Comprising Concentrated Acids for United States Enhanced Oil and Gas Recovery	Locus Oil IP Company, LLC Compositions and Methods for Paraffin Liquefaction and United States Enhanced Oil Recovery Using Concentrated Acids	Locus Oil IP Company, LLC Microbial Surfactants to Prevent and/or Remove Asphaltene United States Deposits	Locus Oil IP Company, LLC Materials and Methods for Reducing Viscosity of Oil China	Locus Oil IP Company, LLC Compositions and Methods for Reducing Hydrogen Sulfide and Malaysia Microbial Influenced Corrosion in Crude Oil, Natural Gas, and in Associated Equipment	Locus Oil IP Company, LLC Composition and Methods for Microbial Enhanced Digestion of China Polymers in Fracking Wells	Locus Oil IP Company, LLC Improved Methods of Selective and Non-Selective Plugging for Argentina Enhanced Oil Recovery	Locus Oil IP Company, LLC Microbial Products and Their Use in Bioremediation and to China Remove Paraffin and Other Contaminating Substances from Oil and Gas Production and Processing Equipment	Locus Oil IP Company, LLC Two-Step Process for Microbial Enhanced Oil Recovery Argentina	Locus Oil IP Company, LLC Microbial Products and Their Use in Bioremediation and to Eurasia Remove Paraffin and Other Contaminating Substances from Oil and Gas Production and Processing Equipment	Locus Oil IP Company, LLC Microbial Products and Uses Thereof to Improve Oil Recovery Eurasia		Locus Oil IP Company, LLC Materials and Methods for Recovering Oil from Oil Sands Venezuela
	ompositions for Enhanced Oil and Gas er Petroleum Industry Applications	Methods for Removing Sludge from Oil	Methods for Paraffin Liquefaction and overy in Oil Wells and Associated Equipm	Methods for Enhanced Oil Recovery from ations	hods for Extended Reduction of Heavy Cr	ompositions Comprising Concentrated Ac Gas Recovery	Methods for Paraffin Liquefaction and overy Using Concentrated Acids	nts to Prevent and/or Remove Asphaltene	hods for Reducing Viscosity of Oil		Methods for Reducing Hydrogen Sulfide a ad Corrosion in Crude Oil, Natural Gas, an ment	Methods for Reducing Hydrogen Sulfide a ad Corrosion in Crude Oli, Natural Gas, an nent Vethods for Microbial Enhanced Digestion ling Wells	Methods for Reducing Hydrogen Sulfide a rd Corrosion in Crude Oil, Natural Gas, an nent vlethods for Microbial Enhanced Digestion ing Wells s of Selective and Non-Selective Plugging overy	Methods for Reducing Hydrogen Sulfide a vd Corrosion in Crude Oil, Natural Gas, an nent vlethods for Microbial Enhanced Digestion ing Wells s of Selective and Non-Selective Plugging overy and Their Use in Bioremediation and to and Other Contaminating Substances from on and Processing Equipment	Methods for Reducing Hydrogen Sulfide a rd Corrosion in Crude Oil, Natural Gas, an nent Wethods for Microbial Enhanced Digestion ing Wells or Selective and Non-Selective Plugging overy and Their Use in Bioremediation and to and Other Contaminating Substances from on and Processing Equipment on and Processing Equipment	Methods for Reducing Hydrogen Sulfide a rd Corrosion in Crude Oil, Natural Gas, an nent Vlethods for Microbial Enhanced Digestion ing Wells or Selective and Non-Selective Plugging overy and Their Use in Bioremediation and to and Other Contaminating Substances from on and Processing Equipment is for Microbial Enhanced Oil Recovery and Their Use in Bioremediation and to and Other Contaminating Substances from on and Processing Equipment	Methods for Reducing Hydrogen Sulfide a rd Corrosion in Crude Oil, Natural Gas, an nent wethods for Microbial Enhanced Digestion ing Wells or Selective and Non-Selective Plugging overy and Their Use in Bioremediation and to and Other Contaminating Substances from on and Processing Equipment for Microbial Enhanced Oil Recovery and Their Use in Bioremediation and to and Other Contaminating Substances from on and Processing Equipment and Other Contaminating Substances from on and Processing Equipment sand Uses Thereof to Improve Oil Recove	Methods for Reducing Hydrogen Sulfide a rd Corrosion in Crude Oil, Natural Gas, an nent wethods for Microbial Enhanced Digestion ing Wells overy and Their Use in Bioremediation and to and Other Contaminating Substances from an and Processing Equipment for Microbial Enhanced Oil Recovery and Other Contaminating Substances from and Dther Contaminating Substances from and Stor Recovering Oil from Oil Sands
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Patent No.									ZL201880010786.1	MY-189456-A		ZL201880015726.9	ZL201880015726.9 AR112658B1	ZL201880015726.9 AR112658B1 ZL201780086275.3	ZL201880015726.9 AR112658B1 ZL201780086275.3 AR112628B1	ZL201880015726.9 AR112658B1 ZL201780086275.3 AR112628B1	ZL201880015726.9 AR112658B1 ZL201780086275.3 AR112628B1	ZL201880015726.9 AR112658B1 ZL201780086275.3 AR112628B1
Status	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Issued	Issued		Issued	Issued	Issued Issued	Issued Issued Issued	Issued Issued Issued Allowed	Issued Issued Issued Allowed	Issued Issued Issued Allowed Allowed

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Europe	Colombia	China	Canada	Brazil	Australia	Vietnam	Malaysia	Mexico	Kuwait	Indonesia	Europe	Colombia	Chile	Canada	Brazil	Country
18784765.2	NC2019/0010273	201880024090.4	3,058,761	BR112019020271-4	2018251675	1-2019-03740	PI2019003248	MX/a/2019/006780	KW/P/2019/185	P00201905603	17878543.2	NC2019/0006023	201901603	3,046,621	BR112019011720-2	Serial No. Pat
Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Patent No. Status						

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Loan Party	Title	Country	Serial No.	Patent No.	Status
Locus Oil IP Company, LLC	Microbial Products and Uses Thereof to Improve Oil Recovery	Indonesia	P00201910204		Pending
Locus Oil IP Company, LLC	Microbial Products and Uses Thereof to Improve Oil Recovery	India	201917038336		Pending
Locus Oil IP Company, LLC	Microbial Products and Uses Thereof to Improve Oil Recovery	Kuwait	KW/P/2019/325		Pending
Locus Oil IP Company, LLC	Microbial Products and Uses Thereof to Improve Oil Recovery	Mexico	MX/a/2019/012055		Pending
Locus Oil IP Company, LLC	Microbial Products and Uses Thereof to Improve Oil Recovery	Malaysia	PI2019005760		Pending
Locus Oil IP Company, LLC	Microbial Products and Uses Thereof to Improve Oil Recovery	Saudi Arabia	519410257		Pending
Locus Oil IP Company, LLC	Microbial Products and Uses Thereof to Improve Oil Recovery	Vietnam	1-2019-06248		Pending
Locus Oil IP Company, LLC	Materials and Methods for Reducing Viscosity of Oil	Brazil	BR112019015100-1		Pending
Locus Oil IP Company, LLC	Materials and Methods for Reducing Viscosity of Oil	Canada	3,052,048		Pending
Locus Oil IP Company, LLC	Materials and Methods for Reducing Viscosity of Oil	Colombia	NC2019/0007528		Pending
Locus Oil IP Company, LLC	Materials and Methods for Reducing Viscosity of Oil	Eurasia	201991850		Pending
Locus Oil IP Company, LLC	Materials and Methods for Reducing Viscosity of Oil	Europe	18751300.7		Pending
Locus Oil IP Company, LLC	Materials and Methods for Reducing Viscosity of Oil	Indonesia	P00201907861		Pending
Locus Oil IP Company, LLC	Materials and Methods for Reducing Viscosity of Oil	Mexico	MX/a/2019/009309		Pending
Locus Oil IP Company, LLC	Materials and Methods for Reducing Viscosity of Oil	Malaysia	PI2019004038		Pending
Locus Oil IP Company, LLC	Materials and Methods for Reducing Viscosity of Oil	Venezuela	2019-000308		Pending
Locus Oil IP Company, LLC	Compositions and Methods for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oil, Natural Gas, and in Associated Equipment	Australia	2018219278		Pending
Locus Oil IP Company, LLC	Compositions and Methods for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oil, Natural Gas, and in Associated Equipment	Canada	3,052,465		Pending
Locus Oil IP Company, LLC	Compositions and Methods for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oil, Natural Gas, and in Associated Equipment	Colombia	NC2019/0008335		Pending
Locus Oil IP Company, LLC	Compositions and Methods for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oil, Natural Gas, and in Associated Equipment	Europe	18751845.1		Pending
Locus Oil IP Company, LLC	Compositions and Methods for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oil, Natural Gas, and in Associated Equipment	Mexico	MX/a/2019/009439		Pending

Locus Oil IP Company, LLC Two-Step Pr Microbial Oil	Locus Oil IP Company, LLC Improve Flooding	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC Compos Polyme	Locus Oil IP Company, LLC Compos Microbia Associa	Loan Party Title	,													
Two-Step Process for the Recovery of Improved Microbial Oil	Improved Methods of Selective and Non-Selective Connection for Venezuela Flooding with Water Flooding in Improved Oil Recovery	Treatment For Upgrading Heavy Crude Oil	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oil, Natural Gas, and in Associated Equipment		
Venezuela	r Venezuela	Venezuela	Saudi Arabia	Malaysia	Mexico	Kuwait	India	Indonesia	Europe	Eurasia	Colombia	Chile	Canada	Brazil	Australia	Argentina	Venezuela	Country	
2019-000369	2019-000082	2019-000083	519402572	PI2019004927	MX/a/2019/010453	KW/P/2019/279	201917034096	P00201908774	18760947.4	201992075	NC2019/0009028	201902504	3,054,686	BR112019017788-4	2018227567	P20180100492	2019-000062	Serial No.	
																		Patent No.	
Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Status	

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Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Locus Oil IP Company, LLC	Loan Party
Compositions and Methods for Paraffin Liquefaction and Enhanced Oil Recovery Using Concentrated Acids	Multi-Functional Compositions Comprising Concentrated Acids for WIPO Enhanced Oil and Gas Recovery	Materials and Methods for Extended Reduction of Heavy Crude Oil Viscosity	Methods for Paraffin Removal and Extended Post-Primary Oil Recovery	Compositions and Methods for Enhanced Oil Recovery from Low WIPO Permeability Formations	Compositions and Methods for Paraffin Liquefaction and Enhanced Oil Recovery in Oil Wells and Associated Equipment	Compositions and Methods for Removing Sludge from Oil Storage Tanks	Multi-Functional Compositions for Enhanced Oil and Gas Recovery and Other Petroleum Industry Applications	Multifunctional Composition for Enhanced Oil Recovery, Improved WIPO Oil Quality and Prevention of Corrosion	Materials and Methods for Recovering Oil from Oil Sands	Two-Step Process for Microbial Enhanced Oil Recovery	Improved Methods of Selective and Non-Selective Plugging for Water Flooding in Enhanced Oil Recovery	Treatment for Upgrading Heavy Crude Oil	Remediation of Rag Layer and Other Disposable Layers in Oil Tanks and Storage Equipment	Composition and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Compositions and Methods for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oil, Natural Gas, and in Associated Equipment	Symbiotic Fermentation of Acinetobacter and Bacillus and Applications Thereof	Materials and Methods for Reducing Viscosity of Oil	Microbial Products and Uses Thereof to Improve Oil Recovery	Microbial Products and Their Use in Bioremediation and to Remove Paraffin and Other Contaminating Substances from Oil and Gas Production and Processing Equipment	Title
WIPO	or WIPO	WIPO	WIPO	/ WIPO	WIPO	WIPO	WIPO	id WIPO	WIPO	WIPO	WIPO	WIPO	WIPO	WIPO	WIPO	WIPO	WIPO	WIPO	WIPO	Country
PCT/US2020/039490	PCT/US2020/039486	PCT/US2020/012042	PCT/US2019/047186	PCT/US2019/043919	PCT/US2019/029870	PCT/US2019/028304	PCT/US2019/024378	PCT/US2018/059857	PCT/US2018/052427	PCT/US2018/042427	PCT/US2018/042412	PCT/US2018/038740	PCT/US2018/037054	PCT/US2018/020706	PCT/US2018/017408	PCT/US2018/048122	PCT/US2018/017205	PCT/US2018/026724	PCT/US2017/065608	Serial No.
																				Patent No.
Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Expired	Status

Party Tite Country Country Country Country Sec dation; Country Sec dation; <	Expired	62/528,718	United States	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	Locus Oil IP Company, LLC
PartyTiteCountryCountryCountrySincl No.Pater No.01 = Company LLCBis-Laaching Compositions and Methods for Mining MetalsUnited States5330.7501 = Company LLCBis-architects for Iona ad Zinc Sulfale Scale Remediation andUnited States5330.7501 = Company LLCCompositions and Methods for Mining MetalsUnited States5330.7501 = Company LLCMaterias and Interfaces for Separating Metals and WincersUnited States5332.3701 = Company LLCCompositions and Methods for Separating Metals and WincersUnited States5332.3201 = Company LLCCompositions and Methods for Separating Metals and WincersUnited States5332.3201 = Company LLCCompositions and Methods for Governeing CountryUnited States5339.535330.3201 = Company LLCCompositions and Methods for Governeing Mining StatistandsUnited States5339.535330.7201 = Company LLCMethods for Facorearing Mining StatistandsUnited States5339.725339.7201 = Company LLCMethods for Facorearing Mining StatistandsUnited States5339.725349.7201 = Company LLCMethods for Facorearing Mining StatistandsUnited States5339.725349.7201 = Company LLCMethods for Facorearing StatistandsUnited States5339.725349.7201 = Company LLCMethods for Methods for Facorearing StatistandsUnited States5249.825249.8201 = Company LLCMethods for Facorearin of Acoreaction of Acoreaction for Acor		62/464,046	United States	Materials and Methods for Reducing Viscosity of Oil	Locus Oil IP Company, LLC
PartyTiteCountySolutionPart No.Part No. <t< td=""><td></td><td>62/551,352</td><td>United States</td><td>Materials and Methods for Reducing Viscosity of Oil</td><td>Locus Oil IP Company, LLC</td></t<>		62/551,352	United States	Materials and Methods for Reducing Viscosity of Oil	Locus Oil IP Company, LLC
PartyTiteCountrySerial No.Serial No.Part No.01 IP Company, LLCBio-Laseling Compositions and Methods for Mining MetalsUnited States63305.16101 IP Company, LLCCompositions and Methods for Mining MetalsUnited States63335.17401 IP Company, LLCCompositions and Methods for Informating Gold Recovery fromUnited States6333.25601 IP Company, LLCMaterias and Methods for Inforeasing Gold Recovery fromUnited States6333.25601 IP Company, LLCCompositions and Methods for Suppressing DistUnited States6333.25601 IP Company, LLCCompositions and Methods for Suppressing DistUnited States6335.37601 IP Company, LLCCompositions and Methods for Suppressing DistUnited States6335.37601 IP Company, LLCCompositions and Methods for Suppressing DistUnited States6335.37601 IP Company, LLCCompositions and Methods for Suppressing DistUnited States6339.72201 IP Company, LLCCompositions and Methods for Recovering Minerals from IndustrialUnited States6339.72201 IP Company, LLCEmilian and Onton Sum Methods for Hecovering Minerals from IndustrialUnited States6339.72201 IP Company, LLCSynthetic Fermination of Avoinable EngineeringUnited States6339.72201 IP Company, LLCSynthetic Fermination of Avoinable EngineeringUnited States6339.72201 IP Company, LLCCompositions and Methods for Feducing Hydrogen Suffice and The Clase6245.2566245.25601 IP Company, LLC </td <td>Π</td> <td>62/579,471</td> <td>United States</td> <td>Materials and Methods for Reducing Viscosity of Oil</td> <td>Locus Oil IP Company, LLC</td>	Π	62/579,471	United States	Materials and Methods for Reducing Viscosity of Oil	Locus Oil IP Company, LLC
PartyTiteCountrySerial Ko.Serial Ko.Patent Ko.01 IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUndel States9355.5601 IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUndel States9355.5701 IP Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States9353.26501 IP Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States9353.26501 IP Company, LLCCompositions and Methods for Supressing DarkUnited States9354.31801 IP Company, LLCCompositions and Methods for DevelatingUnited States9359.55301 IP Company, LLCCompositions and Methods for DevelatingUnited States9359.55301 IP Company, LLCEnables Compositions and Methods for DevelatingUnited States9359.55301 IP Company, LLCEnables Compositions and Methods for DevelatingUnited States9359.55301 IP Company, LLCEnables Compositions and Methods for Develating States9359.5539359.55301 IP Company, LLCEnables Compositions and Methods for Develating States9359.5569359.55301 IP Company, LLCNovel Lease of Minicolal Products in TheoriesUnited States9359.55301 IP Company, LLCNovel Lease of Minicolal Products in TheoriesUnited States92452.61101 IP Company, LLCCompositions and Methods for Reducing Hydrogen Sulfie and Minicolal America and Theories The Reducing Hydrogen Sulfie and Minicolal and Applications in Crude OL, Nutural Gis,	Π	62/565,295	United States	Materials and Methods for Reducing Viscosity of Oil	Locus Oil IP Company, LLC
PartyTiteCountySaria No.Saria No.Patert No.01 IP Company, LLCBio-Lacin'ng Compositions and Methods for Mining WeaisUnited States6333 5101 IP Company, LLCBio-Lacin'ng Compositions and Methods for Mining WeaisUnited States6333 5101 IP Company, LLCCompositions and Methods for Separating Weais and/or MineralsUnited States6333 25101 IP Company, LLCCompositions and Methods for Separating Weais and/or MineralsUnited States6333 25101 IP Company, LLCCompositions and Methods for Separating Weais and/or MineralsUnited States6333 25101 IP Company, LLCCompositions and Methods for Convoling FeamUnited States6333 25101 IP Company, LLCGrinding And Compositions and Methods for DewaleringUnited States6333 25101 IP Company, LLCCompositions and Methods for DewaleringUnited States6334 72001 IP Company, LLCCompositions and Methods for DewaleringUnited States6338 02001 IP Company, LLCRemove Plantin and Orocessing Statiantes from IndustriaUnited States6338 02001 IP Company, LLCRemove Plantin and Compositions and Methods for DewaleringUnited States6338 02001 IP Company, LLCRemove Plantin and Consolitons and Methods for DewaleringUnited States6338 02001 IP Company, LLCRemove Plantin and Consolitons and Methods for DewaleringUnited States6338 02001 IP Company, LLCRemove Plantin and Consolitons and Methods for DewaleringUnited States6338 02001	m	62/463,864	United States	Compositions and Methods for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oll, Natural Gas, and in Associated Equipment	Locus Oil IP Company, LLC
PartyTitleCountrySerial No.Patent No.01 P company, LLCBio-Leaching Compositions and Methods for Mining MealsUnited States6335,51901 P company, LLCBio-Leaching Compositions and Methods for Mining MealsUnited States6337,51901 P company, LLCBio-Leaching Compositions and Methods for Supressing Sedie Remediation andUnited States6332,837,17401 P company, LLCCompositions and Methods for Supressing DiastUnited States6332,837,17401 P company, LLCCompositions and Methods for Supressing DiastUnited States63328,332,63701 P company, LLCCompositions and Methods for Supressing DiastUnited States63328,31601 P company, LLCCompositions and Methods for Supressing DiastUnited States63328,31601 P company, LLCGrindrig Ad Compositions and Methods of UseUnited States63328,02001 P company, LLCEmulsion Explorisive Compositions and Methods of UseUnited States6339,02001 P company, LLCMinorobia Products and Their Use in Bioemediation and to Methods of UseUnited States6339,02001 P company, LLCMinorobia Products on ADP nocessing ExplorientsUnited States6339,02001 P company, LLCNore (Use) and Their Use in Bioemediation and to Methods for Resource of Amerobia Strom ProductsUnited States6339,02001 P company, LLCNore (Use) and Their Use in Bioemediation and to Methods for Resource of Amerobia Strom ProductsUnited States6339,02001 P company, LLCSymbiotic Fermentation of Amerobia St	ш	62/461,985	United States	Microbial Products and Their Use in Bioremediation and to Remove Paraffin and Other Contaminating Substances from Oil and Gas Production and Processing Equipment	Locus Oil IP Company, LLC
PartyTiteCountrySerial No.Serial No.Parent No.01 IP Company, LLCBo-Leaching Compositions and Methods for Mining MetalsUnited States63251,51901 IP Company, LLCBo-Leaching Compositions and Methods for Mining MetalsUnited States63261,51901 IP Company, LLCBo-Leaching Compositions and Methods for Separating MetalsUnited States6333,26501 IP Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States6333,26501 IP Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States6333,26501 IP Company, LLCCompositions and Methods for Suppressing Oold Recovery fromUnited States6333,26501 IP Company, LLCCompositions and Methods for Controlling FramUnited States63354,31801 IP Company, LLCCompositions and Methods for DevraeiningUnited States63354,31801 IP Company, LLCCompositions and Methods for DevraeiningUnited States63352,55301 IP Company, LLCMaterials and Methods for Percentignion and to Remove Parafin and Ohrer Contominanting Stotiances from Oil Remove Parafin and Ohrer Contominanting Stotianc	Expired	62/456,979	United States	Compositions and Methods for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oll, Natural Gas, and in Associated Equipment	Locus Oil IP Company, LLC
PartyTiteCountrySerial No.Serial No.Patert No.OI IP Company, LLCBic-Laaching Compositions and Methods for Mining MetalsUnited States63/351,51OI IP Company, LLCBic-Laaching Compositions and Methods for Mining MetalsUnited States63/351,51OI IP Company, LLCBicsurfactants for Iron and Zinc Sulfide Scale Remediation andUnited States63/353,74OI IP Company, LLCCompositions and Methods for Suppressing DustUnited States63/354,713OI IP Company, LLCCompositions and Methods for Suppressing DustUnited States63/347,230OI IP Company, LLCCompositions and Methods for Controlling FoamUnited States63/354,313OI IP Company, LLCGrinding Ald Compositions and Methods for DewateringUnited States63/356,553OI IP Company, LLCCompositions and Methods for DewateringUnited States63/356,553OI IP Company, LLCEmails and Methods for Compositions and Methods of UseUnited States63/356,523OI IP Company, LLCEmails and Methods for Compositions and Methods of UseSa/326,52353/326,523OI IP Company, LLCEmails and Methods for Compositions and Methods of UseSa/326,52353/326,523OI IP Company, LLCEmails and Products and Their Use in Bioemetiation and to Metrotas and Their Use in Bioemetiation and to Remove and Their Use in Bioemetiation and to Bioemetiation and To Metrotas and Their Use in Bioemetiation and to Bioemetiation and To Savig E 2442,51153/34,722OI IP Company, LLCMetrotas in Their Use in Bioemetiation and to 	Expired	62/550,649	s United States	Symbiotic Fermentation of Acinetobacter Venetianus and Bacillus Subtilis and Applications Thereof	Locus Oil IP Company, LLC
PartyTitleCountrySerial No.Parent No.OII P Company, LLCBic-Leaching Compositions and Methods for Mining MetalsUnited States63/351,519OII P Company, LLCBic-Leaching Compositions and Methods for Mining MetalsUnited States63/361,719OII P Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States63/361,714OII P Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States63/362,714OII P Company, LLCMaterials and Methods for Suppressing OustUnited States63/332,95OII P Company, LLCCompositions and Methods for Suppressing DustUnited States63/347,230OII P Company, LLCGrinding Aid Compositions and Methods of UseUnited States63/347,230OII P Company, LLCGrinding Aid Compositions and Methods for Suppressing DustUnited States63/346,174OII P Company, LLCGrinding Aid Compositions and Methods of UseUnited States63/347,230OII P Company, LLCGrinding Aid Compositions and Methods of UseUnited States63/388,020OII P Company, LLCMaterials and Methods for Recovering Minerals from IndustrialUnited States63/390,732OII P Company, LLCEmulsion Explosive Compositions and Methods of UseStates63/390,732OII P Company, LLCEmulsion Explosive Context and Methods of UseStates63/390,732OII P Company, LLCEmulsion Explosive Context and Their Use in Bioremediation and to Materials and Methods of UseStates63/394,782OII P Co	Expired	62/483,425	United States	Novel Uses of Microbial Products to Improve Oil Drilling Performance	Locus Oil IP Company, LLC
PartyTitleCountrySerial No.Serial No.Patent No.OII IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/351,519OII IP Company, LLCBiosurfactants for Iron and Zinc Sulfide Scale Remediation andUnited States63/300,750OII IP Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States63/301,740OII IP Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States63/323,251OII IP Company, LLCMaterials and Methods for Suppressing DustUnited States63/333,255OII IP Company, LLCCompositions and Methods for Controlling FearUnited States63/354,316OII IP Company, LLCGrinding Aid Compositions and Methods of UseUnited States63/356,531OII IP Company, LLCGrinding Aid Compositions and Methods of UseUnited States63/356,531OII IP Company, LLCGrinding and Methods for Recovering Minerals from IndustrialUnited States63/356,531OII IP Company, LLCGrinding and Methods for Recovering Minerals from IndustrialUnited States63/356,531OII IP Company, LLCMaterials and Methods for Recovering Minerals from IndustrialUnited States63/356,531OII IP Company, LLCMaterials and Methods for Recovering Minerals from IndustrialUnited States63/356,531OII IP Company, LLCMaterials and Methods for Recovering Minerals from IndustrialUnited States63/356,532OII IP Company, LLCEmulsion Explosive Compositions and Methods of Use <td< td=""><td>Expired</td><td>62/432,611</td><td>United States</td><td>Microbial Products and Their Use in Bioremediation and to Remove Paraffin and Other Contaminating Substances from Oil and Gas Production and Processing Equipment</td><td>Locus Oil IP Company, LLC</td></td<>	Expired	62/432,611	United States	Microbial Products and Their Use in Bioremediation and to Remove Paraffin and Other Contaminating Substances from Oil and Gas Production and Processing Equipment	Locus Oil IP Company, LLC
PartyTitleCountrySerial No.Patent No.OII P Company, LLCBic-Leaching Compositions and Methods for Mining MetalsUnited States63/300,750OII P Company, LLCBic-Leaching Compositions and Methods for Mining MetalsUnited States63/300,750OII P Company, LLCBiosurfactants for Iron and Zinc Sulfide Scale Remediation andUnited States63/300,750OII P Company, LLCCompositions and Methods for Separating Metals and/or MineralsUnited States63/302,374OII P Company, LLCMaterials and Methods for Suppressing DustUnited States63/333,295OII P Company, LLCCompositions and Methods for Controlling FoamUnited States63/347,230OII P Company, LLCGrinding Aid Compositions and Methods of UseUnited States63/356,553OII P Company, LLCGrinding Aid Compositions and Methods for Recovering Minerals from IndustrialUnited States63/368,020OII P Company, LLCMaterials and Methods for Recovering Minerals from IndustrialUnited States63/368,020OII P Company, LLCMaterials and Methods for Recovering Minerals from IndustrialUnited States63/368,020	Г	63/394,782	United States	Emulsion Explosive Compositions and Methods of Use	Locus Oil IP Company, LLC
PartyTitleCountrySerial No.Serial No.Patent No.OII IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States83/351,519OII IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States83/300,760OII IP Company, LLCBiosurfactants for Iron and Zinc Sulfide Scale Remediation and ControlUnited States83/345,174OII IP Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States83/326,37453/326,374OII IP Company, LLCMaterials and Methods for Increasing Gold Recovery from Leachate SolutionsUnited States83/333,295OII IP Company, LLCCompositions and Methods for Suppressing DustUnited States83/347,230OII IP Company, LLCGrinding Aid Compositions and Methods of UseUnited States83/356,553OII IP Company, LLCGrinding Aid Compositions and Methods of UseUnited States83/356,553OII IP Company, LLCCompositions and Methods for DewateringUnited States83/356,553OII IP Company, LLCCompositions and Methods for DewateringUnited States83/356,553	T	63/390,732	United States	Materials and Methods for Recovering Minerals from Industrial Wastewater	Locus Oil IP Company, LLC
PartyTitleCountrySerial No.Serial No.Patent No.OII IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/351,519OII IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/300,750OII IP Company, LLCBiosurfactants for Iron and Zinc Sulfide Scale Remediation and ControlUnited States63/345,174OII IP Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States63/326,37453/326,374OII IP Company, LLCMaterials and Methods for Increasing Gold Recovery from Leachate SolutionsUnited States63/333,285OII IP Company, LLCCompositions and Methods for Controlling FoamUnited States63/347,230OII IP Company, LLCCompositions and Methods for Controlling FoamUnited States63/347,230OII IP Company, LLCGrinding Aid Compositions and Methods of UseUnited States63/356,553	T	63/388,020	United States	Compositions and Methods for Dewatering	Locus Oil IP Company, LLC
PartyTitleCountrySerial No.Serial No.Patent No.OII IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/351,519OII IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/351,519OII IP Company, LLCBiosurfactants for Iron and Zinc Sulfide Scale Remediation and ControlUnited States63/345,174OII IP Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States63/326,37453/326,374OII IP Company, LLCMaterials and Methods for Increasing Gold Recovery from Leachate SolutionsUnited States63/333,295OII IP Company, LLCCompositions and Methods for Controlling FoamUnited States63/347,230OII IP Company, LLCCompositions and Methods for Controlling FoamUnited States63/347,230		63/356,553	United States	Grinding Aid Compositions and Methods of Use	Locus Oil IP Company, LLC
PartyTitleCountrySerial No.Serial No.Patent No.Oil IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/351,519Oil IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/300,750Oil IP Company, LLCBiosurfactants for Iron and Zinc Sulfide Scale Remediation and for MaterialUnited States63/345,174Oil IP Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States from a Source Material63/326,37453/326,374Oil IP Company, LLCMateriats and Methods for Increasing Gold Recovery from Leachate SolutionsUnited States63/333,295Oil IP Company, LLCCompositions and Methods for Suppressing DustUnited States63/347,230	-	63/354,318	United States	Compositions and Methods for Controlling Foam	Locus Oil IP Company, LLC
PartyTitleCountrySerial No.Serial No.Patent No.Oil IP Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/351,519Oil IP Company, LLCBiosurfactants for Iron and Zinc Sulfide Scale Remediation and ControlUnited States63/300,750Oil IP Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States63/326,374Oil IP Company, LLCMaterials and Methods for Increasing Gold Recovery from Leachate SolutionsUnited States63/332,95	T	63/347,230	United States	Compositions and Methods for Suppressing Dust	Locus Oil IP Company, LLC
TitleCountrySerial No.Serial No.Patent No.Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/351,519Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/300,750Company, LLCBiosurfactants for Iron and Zinc Sulfide Scale Remediation and ControlUnited States63/,345,174Company, LLCCompositions and Methods for Separating Metals and/or Minerals United States63/326,374	T	63/333,295	United States	Materials and Methods for Increasing Gold Recovery from Leachate Solutions	Locus Oil IP Company, LLC
TitleCountrySerial No.Patent No.Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/351,519Company, LLCBio-Leaching Compositions and Methods for Mining MetalsUnited States63/300,750Company, LLCBiosurfactants for Iron and Zinc Sulfide Scale Remediation andUnited States63/,345,174	П	63/326,374	s United States	Compositions and Methods for Separating Metals and/or Mineral from a Source Material	Locus Oil IP Company, LLC
Title Country Serial No. Patent No. Company, LLC Bio-Leaching Compositions and Methods for Mining Metals United States 63/351,519 Company, LLC Bio-Leaching Compositions and Methods for Mining Metals United States 63/300,750	П	63/,345,174	United States	Biosurfactants for Iron and Zinc Sulfide Scale Remediation and Control	Locus Oil IP Company, LLC
Country Serial No. Patent No. Patent No. Company, LLC Bio-Leaching Compositions and Methods for Mining Metals United States 63/351,519	T	63/300,750	United States	Bio-Leaching Compositions and Methods for Mining Metals	Locus Oil IP Company, LLC
Title Country Serial No. Patent No.	T	63/351,519	United States	Bio-Leaching Compositions and Methods for Mining Metals	Locus Oil IP Company, LLC
		Serial No.	Country	Title	Loan Party

Loan Party	Title	Country	Serial No.	Patent No.	Status
Locus Oil IP Company, LLC	Compositions and Methods for Microbial Enhanced Digestion of Polymers in Fracking Wells	United States	62/466,410		Expired
Locus Oil IP Company, LLC	Microbial Products and Their Use in Bioremediation and to Remove Paraffin and Other Contaminating Substances from Oil and Gas Production and Processing Equipment	United States	62/523,021		Expired
Locus Oil IP Company, LLC	Two-Phase Method and Compositions for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oil, Natural Gas, and in Associated Equipment	United States	62/528,731		Expired
Locus Oil IP Company, LLC	Two-Phase Method and Compositions for Reducing Hydrogen Sulfide and Microbial Influenced Corrosion in Crude Oil, Natural Gas, and in Associated Equipment	United States	62/507,904		Expired
Locus Oil IP Company, LLC	Remediation of Rag Layer and Other Dissolved Solids in Oil Tanks and Storage Tank	United States	62/518,217		Expired
Locus Oil IP Company, LLC	Treatment and Upgrading of Asphaltenes and Other Heavy Hydrocarbons in Oil and Gas Production and Refining	United States	62/551,437		Expired
Locus Oil IP Company, LLC	Treatment and Upgrading of Asphaltenes and Other Heavy Hydrocarbons in Oll and Gas Production and Refining	United States	62/523,028		Expired
Locus Oil IP Company, LLC	Improved Methods of Selective and Non-Selective Plugging for Enhanced Oil Recovery	United States	62/537,622		Expired
Locus Oil IP Company, LLC	Microbial Compositions and Methods for Oil Well Stimulation and Tertiary Oil Recovery	United States	62/537,574		Expired
Locus Oil IP Company, LLC	Removal of Paraffin, Asphaltenes and Other Contaminants from Oil and Gas Producing Wells While Simultaneously Enhancing Crude Oil and Gas Recovery	United States	62/563,691		Expired
Locus Oil IP Company, LLC	Materials and Methods for Recovering Oil from Oil Sands	United States	62/611,114		Expired
Locus Oil IP Company, LLC	Materials and Methods for Recovering Oil from Oil Sands	United States	62/563,981		Expired
Locus Oil IP Company, LLC	Multifunctional Microbe-Based Composition for Enhanced Oil Recovery	United States	62/610,610		Expired
Locus Oil IP Company, LLC	Microbial Products for Biochemically Enhanced Oil Recovery and United States Simultaneous Reduction of Hydrogen Sulfide in Oil and Gas Production	United States	62/583,016		Expired
Locus Oil IP Company, LLC	Compositions and Methods for Paraffin Liquefaction in Oil Wells and Associated Equipment	United States	62/691,098		Expired
Locus Oil IP Company, LLC	Compositions and Methods for Paraffin Liquefaction in Oil Wells and Associated Equipment	United States	62/719,734		Expired
Locus Oil IP Company, LLC	Compositions and Methods for Paraffin Liquefaction and Enhanced Oil Recovery in Oil Wells and Associated Equipment	United States	62/743,815		Expired

Locus Oil IP Company, LLC Locus Oil IP Company, LLC Locus Oil IP Company, LLC Locus Oil IP Company, LLC Locus Oil IP Company, LLC	Title Country Compositions and Methods for Paraffin Liquefaction and Enhanced Oil Recovery in Oil Wells and Associated Equipment United States and Associated Equipment Compositions and Methods for Paraffin Liquefaction in Oil Wells and Associated Equipment United States Compositions and Methods for Enhanced Oil Recovery from Low United States Permeability Formations United States Methods for Paraffin Removal and Extended Post-Primary Oil Recovery United States Materials and Methods for Extended Reduction of Heavy Crude Oil Viscosity United States	Country United States United States United States United States	Serial No. 62/805,539 62/682,462 62/711,864 62/719,773 62/787,887	Patent No.	Status Expired Expired Expired
Locus Oil IP Company, LLC	Compositions and Methods for Enhanced Oil Recovery from Low Permeability Formations	/ United States	62/711,864		
Locus Oil IP Company, LLC	Methods for Paraffin Removal and Extended Post-Primary Oil Recovery	United States	62/719,773		
Locus Oil IP Company, LLC	d Methods for Extended Reduction of Heavy Crude	United States	62/787,887		
Locus Oil IP Company, LLC	Multi-Functional Compositions Comprising Concentrated Acids for United States Enhanced Oll and Gas Recovery	or United States	62/866,884		
Locus Oil IP Company, LLC	Compositions and Methods for Paraffin Liquefaction and Enhanced Oil Recovery Using Concentrated Acids	United States	62/866,895		
Locus Oil IP Company, LLC	Microbial Surfactants to Prevent and/or Remove Asphaltene Deposits	United States	63/010,910		
Locus Oil IP Company, LLC	Treatment for Upgrading Heavy Crude Oil	United States	17/942,543		
Locus Oil IP Company, LLC	Microbial Surfactants to Prevent and/or Remove Asphaltene Deposits	Canada	not yet assigned		

2. The following Trademarks:

EXHIBIT A

Loan Party Locus Oil IP Company, LLC Locus Oil IP Company, LLC	Mark ASSUREOR FLOW (Class 1) ASSUREOR STIM (Class 1) LOCUS BIO-ENERGY SOLUTIONS (Class 1) AcidBoost (Class 1) Locus Mining Solutions (Class 1) Locus Mining Solutions (Class 1) Locus Mining Solutions (Class 1) Locus Mining Solutions (Class 1)	Country UNITED STATES UNITED STATES UNITED STATES UNITED STATES AUSTRALIA BRAZIL BRAZIL CHILE	Appl./Serial No. 87/831,642 87/831,672 88/404,271 97/340,877 97/263,178 2292950 927627213 1514099	File Date Reg. No. 3/13/2018 5,973,625 3/13/2018 5,932,827 4/26/2019 6,186,004 3/31/2022 2/11/2022 2/11/2022 8/11/2022 8/11/2022 8/11/2022 8/11/2022 8/11/2022
Locus Oil IP Company, LLC	Locus Mining Solutions (Class 1)	CHILE	1514099	8/11/2022 8/11/2022
Locus Oil IP Company, LLC	LOCUS BIO-ENERGY SOLUTIONS - Logo Design (Class 1)	UNITED STATES	88/404,294	4/26/2019 6,186,005
Locus Oil IP Company, LLC	SUSTAIN (Class 1)	UNITED STATES	88/807,993	2/24/2020 6,494,216
Locus Oil IP Company, LLC	FLOBOOST (Class 1)	UNITED STATES	90/266,554	10/20/2020
Locus Oil IP Company, LLC	FLOBOOST (Class 1)	ARGENTINA	3987856	3/2/2021
Locus Oil IP Company, LLC	FLOBOOST (Class 1)	CANADA	2,086,853	3/2/2021
Locus Oil IP Company, LLC	LeachBoost (Class 1)	UNITED STATES	97/340,830	3/31/2022
Locus Oil IP Company, LLC	FrothBoost (Class 1)	UNITED STATES	97/340,853	3/31/2022
Locus Oil IP Company, LLC	AVERT (Class 1)	UNITED STATES	90/532,347	2/17/2021 6,727,748
Locus Oil IP Company, LLC	AssurClean (Class 1)	UNITED STATES	97/549.982	8/16/2022