

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SEGETIS, INC.	02/05/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	GFBIOCHEMICALS LIMITED	
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<b>City:</b>	VALLETTA	
<b>State/Country:</b>	MALTA	
<b>Postal Code:</b>	VTL 1467	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	13104706	
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<b>ATTORNEY DOCKET NUMBER:</b>	SGT0032US	
<b>NAME OF SUBMITTER:</b>	LEAH M. REIMER, REG. NO. 39,341	
<b>SIGNATURE:</b>	/Leah M. Reimer/	
<b>DATE SIGNED:</b>	02/23/2016	
<b>Total Attachments: 11</b> source=7JY0253#page1.tif source=7JY0253#page2.tif source=7JY0253#page3.tif source=7JY0253#page4.tif source=7JY0253#page5.tif		

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ASSIGNMENT

WHEREAS, Segetis, Inc., having a place of business at 680 Mendelssohn Avenue N., Golden Valley, MN ("ASSIGNOR"), is the owner of the patent(s)/application(s) identified below (collectively "Patent(s)"),

AND WHEREAS GFBiochemicals Limited a company incorporated in the Republic of Malta, with registered office in 168, St. Christopher Street, Valletta VLT 1467, Malta, and with company registration number C65910, ("ASSIGNEE"), is desirous of acquiring all right, title and interest in and to the Patent(s);

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the ASSIGNOR does hereby:

IRREVOCABLY SELLS, ASSIGNS, AND TRANSFERS to the ASSIGNEE ASSIGNOR's entire right, title, and interest throughout the world in the patents listed in the attached Exhibit A, including all information disclosed therein, such right, title, and interest including but not limited to the right to sue for injunctions and/or damages for any past, ongoing, and/or future infringement. For the avoidance of doubt, this sale, assignment, and transfer extends to all ASSIGNOR's right, title, and interest in all patents and applications (throughout the world) of any kind that claim priority to or otherwise issue from any of the Patent(s), including any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents and/or patent applications;

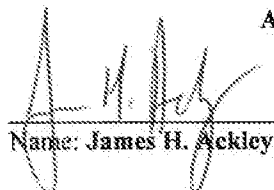
WARRANTS AND COVENANTS that ASSIGNOR has the authority to enter this ASSIGNMENT agreement, and that ASSIGNOR has done nothing and will not do anything to impair the rights conveyed to ASSIGNEE by this Agreement;

COVENANTS that, when requested and at the expense of the ASSIGNEE, ASSIGNOR will carry out in good faith the intent and purpose of this Agreement, including but not limited to executing any and all documents in connection with the Patent(s) and any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents, and/or patent applications claiming priority to, or based on any information disclosed in any of the Patent(s), including all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the ASSIGNEE all facts known to the ASSIGNOR relating to all information disclosed in the Patent(s) and the history thereof; and generally do everything possible that the ASSIGNEE shall consider desirable for vesting title to the Patent(s) and such patents and/or patent applications in the ASSIGNEE, and for securing, maintaining, and enforcing patent protection for the Patent(s) and such patents and/or patent applications;

WAIVES any right it has to challenge the adequacy of the consideration; and

AGREES that this Agreement is binding on ASSIGNOR's heirs, assigns, representatives, and successors.

ASSIGNOR

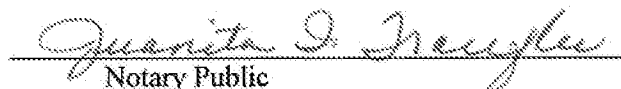
  
Name: James H. Ackley

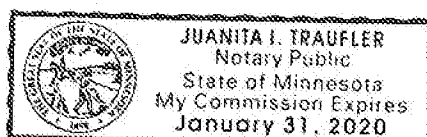
Feb. 05, 2016  
Date

STATE OF Minnesota )  
 ) ss.  
COUNTY OF Anoka )

On this 5<sup>th</sup> day of February, 2016, before me personally appeared a to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public



79250010.1

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**EXHIBIT A**

<b>Matter #</b>	<b>Title</b>	<b>Application #</b>	<b>Publication #</b>	<b>Patent #</b>
C00000001.USP1	Poly(vinyl chloride) Compositions Containing Compounds Derived From Ketal Esters, and Articles Therefrom	61/147,278		
C00000001.USP2	Novel Compounds Based on Levulinic Ketal Lactones	61/246,102		
C00000004.USN5	Glyceryl ether compounds and their use	11/994,483	US 2010-0222603 A1	8,026,378
C00000004.USP1	Glyceryl ether compounds and their use	60/738,987		
C00000004.USV13	Glyceryl ether compounds and their use	13/325,448	US 2012-0101313 A1	8,318,814
C00000004.USV17	Glyceryl ether compounds and their use	13/656,890	US 2013-0046102 A1	8,575,371
C00000004.USV6	Glyceryl ether compounds and their use	13/112,070	US 2011-0218350 A1	8,084,635
C00000005.USC21	GLYCEROL LEVULINATE KETALS AND THEIR USE IN THE MANUFACTURE OF POLYURETHANES, AND POLYURETHANES FORMED THEREFROM	13/445,297	US 2012-0196947 A1	8,492,433
C00000005.USC23	GLYCEROL LEVULINATE KETALS AND THEIR USE IN THE MANUFACTURE OF POLYURETHANES, AND POLYURETHANES FORMED THEREFROM	13/941,687	US 2013-0303648 A1	8,906,961
C00000005.USC40	GLYCEROL LEVULINATE KETALS AND THEIR USE IN THE MANUFACTURE OF POLYURETHANES, AND POLYURETHANES FORMED THEREFROM	14/563,823		
C00000005.USN10	GLYCEROL LEVULINATE KETALS AND THEIR USE	11/915,549	US 2008-0242721 A1	8,053,468
C00000005.USP1	GLYCEROL LEVULINATE KETALS AND THEIR USE	60/738,988		
C00000005.USV11	GLYCEROL LEVULINATE KETALS AND THEIR USE	13/184,064	US 2012-0021962 A1	8,178,701

C00000006.USN10	Adducts of levulinic derivatives with epoxidized fatty acid esters and uses thereof	11/993,212	US 2010-0292373 A1	8,436,042
C00000006.USP1	Adducts of levulinic derivatives with epoxidized fatty acid esters and uses thereof	60/739,022		
C00000006.USV28	Adducts of levulinic derivatives with epoxidized fatty acid esters and uses thereof	13/858,135	US 2013-0233204 A1	8,686,169
C00000007.USN20	Polyketal Compounds, Synthesis, and Applications	12/682,267	US 2011-0021658 A1	8,546,519
C00000007.USN21	Ketal Compounds from Polyols and Oxocarboxylates	12/674,322	US 2011-0319586 A1	8,604,077
C00000007.USP1	Polyketal-ester polyols	60/935,838		
C00000007.USP10	Poly bisketalester diols prepared by the reaction of certain tetrahydric alcohols with oxocarboxylic acid esters	60/960,626		
C00000007.USP11	Levulinic ketals, process and methods of use	60/960,628		
C00000007.USP12	Polyketal Compounds, Synthesis, and Applications	61/084,401		
C00000007.USP2	Bishydroxyalkyl Ketal compounds	60/935,839		
C00000007.USP3	NCO prepolymers	60/935,843		
C00000007.USP4	Thermoplastic polyurethanes prepared from bishydroxyalkyl ketal compounds	60/935,875		
C00000007.USP5	Polyhydroxy functional polyesters prepared from bishydroxyalkyl ketal compounds	60/935,877		
C00000007.USP6	Polyhydroxy functional polyesters prepared from oligo ketal-ester compounds	60/935,880		
C00000007.USP7	Copolyesters prepared from bishydroxyalkyl ketal compounds	60/935,881		
C00000007.USP8	Copolyesters of ketal-ester compounds	60/935,882		
C00000007.USP9	Polymeric levulinic ketals of polyhydric alcohols and their use	60/960,627		
C00000008.USP1	SYNTHESIS OF LEVULINIC ACID FROM HEXOSE-CONTAINING FEEDSTOCKS	61/228,789		

C00000009.USP1	Hydroxyalkyl Ketal Ester Compounds and a Method for Their Preparation	61/241,428		
C00000010.USC10	Ketal lactones and stereoscopic adducts of oxocarboxylic ketals with trimethylol compounds, polymers containing the same, methods of manufacture and uses thereof			
C00000010.USN7	KETAL LACTONES AND STEREOSPECIFIC ADDUCTS OF OXOCARBOXYLIC KETALS WITH TRIMETHYLOL COMPOUNDS, POLYMERS CONTAINING THE SAME, METHODS OF MANUFACTURE, AND USES THEREOF	13/497,345	US 2013-0085201 A1	
C00000011.USN2	Ketal esters of oxocarboxylic acids and process of making	13/395,317	US 2012-0323024 A1	8,889,890
C00000011.USP1	Ketal Esters of Oxocarboxylic Acids	61/241433		
C00000012.USC16	KETAL AMIDE COMPOUNDS, METHODS OF MAKING, AND APPLICATIONS	13/370,860	US 2013-0053564 A1	8,969,559
C00000012.USN11	Ketal amide compounds, methods of making, and applications	13/141,183		
C00000012.USN7	TRANSKETALIZED COMPOSITIONS, SYNTHESIS, AND APPLICATIONS	12/988,034	US 2011-0082264 A1	8,653,223
C00000012.USP1	BISKETAL AMIDES AND POLYMERS THEREFROM	61/096,326		
C00000012.USP15	Ketal diolide compounds, their synthesis, and applications	61/045,342		
C00000012.USP2	Ketal amide compounds, methods of making, and applications	61/140,137		
C00000012.USV17	TRANSKETALIZED COMPOSITIONS, SYNTHESIS, AND APPLICATIONS	14/159,068	US 2014-0135455 A1	
C00000012.USV18	KETAL AMIDE COMPOUNDS, METHODS OF MAKING, AND APPLICATIONS	14/637,233	US 2015-0175568 A1	
C00000012.USV19	TRANSKETALIZED COMPOSITIONS, SYNTHESIS, AND	14/745,957	US 2015-0291567 A1	

	APPLICATIONS			
C00000013.USP1	Poly(vinyl chloride) Compositions Containing Compounds Derived from Ketal Esters and Articles Therefrom	61/262,175		
C00000014.USP1	Personal care product formulations containing alkyl ketal esters	61/332,978		
C00000014.USU1	Personal care product formulations containing alkyl ketal esters and methods of manufacture	13/104,570	US 2011-0300083 A1	
C00000014.USV11	PERSONAL CARE FORMULATIONS CONTAINING ALKYL KETAL ESTERS AND METHODS OF MANUFACTURE	14/535,989	US 2015-0064124 A1	
C00000016.USP1	Method For The Preparation Of Alkyl Levulinates	61/157,746		
C00000017.USC15	METHODS FOR THE MANUFACTURE OF ACETALS AND KETALS, AND THE ACETALS AND KETALS PRODUCED THEREBY	14/550,222	US 2015-0080585 A1	
C00000017.USP1	Methods for the manufacture of acetals and ketals, and the acetals and ketals produced thereby	61/370,365		
C00000017.USU2	METHODS FOR THE MANUFACTURE OF ACETALS AND KETALS, AND THE ACETALS AND KETALS PRODUCED THEREBY	13/197,593	US 2012-0035376 A1	
C00000018.USP1	LATEX COATING COMPOSITIONS INCLUDING CARBOXY ESTER KETAL COALESCENTS, METHODS OF MANUFACTURE, AND USES THEREOF	61/373,053		
C00000018.USP2	Latex coating compositions including carboxy ester ketal coalescents, methods of manufacture, and uses thereof	61/379,853		
C00000018.USU3	LATEX COATING COMPOSITIONS INCLUDING CARBOXY ESTER KETAL COALESCENTS, METHODS OF MANUFACTURE, AND USES THEREOF	13/208,831	US 2012-0041110 A1	9,074,065
C00000019.USC4	Method of making ketals and	12/757,065	US 2010-0292491 A1	8,604,223

	acetals			
C00000019.USP1	METHOD FOR MAKING ESTERIFIED LEVULINIC KETALS WITH GLYCEROL	60/960,629		
C00000020.USP1	'Process for Preparing Polyketal- Esters From Oxocarboxylic Acids	61/241,426		
C00000021.USN2	Ketal ester derivatives	13/120,954	US-2011-0223365-A1	8,575,367
C00000021.USP1	Ketal Compounds and Uses Thereof	61/099,922		
C00000021.USV6	KETAL ESTER DERIVATIVES	14/069,474	US 2014-0163127 A1	9,206,275
C00000023.USP1	Adhesive Formulations Containing Compounds Derived from Ketal Esters	61/218,445		
C00000024.USC10	KETAL COMPOUNDS AND USES THEREOF	13/950,032	US 2013-0310288 A1	9,023,774
C00000024.USC4	Ketal compounds and uses thereof	13/333,273	US 2012-0122745 A1	
C00000024.USP1	Ketal Compounds and Uses Thereof	61/219,098		
C00000024.USP11	PLASTICIZER BLENDS OF KETAL COMPOUNDS	61/933,705		
C00000024.USP14	KETAL COMPOUNDS AND USES THEREOF	62/109,756		
C00000024.USU12	PLASTICIZER BLENDS OF KETAL COMPOUNDS	14/609,527	US 2015-0210827 A1	
C00000025.USP1	Carboxy ester ketal removal compositions, methods of manufacture, and uses thereof	61/372,978		
C00000025.USP2	Carboxy ester ketal removal compositions, methods of manufacture, and uses thereof	61/394,374		
C00000025.USU2	CARBOXY ESTER KETAL REMOVAL COMPOSITIONS, METHODS OF MANUFACTURE, AND USES THEREOF	13/208,797	US 2012-0040880 A1	8,828,917
C00000028.USN9	Solvent, solution, cleaning compositions and methods	13/322,948	US 2012-0128614 A1	
C00000028.USP1	Solvent, solution, cleaning compositions and methods	61/182,407		
C00000029.USC11	ALKYL KETAL ESTERS AS DISPERSANTS AND SLIP AGENTS FOR PARTICULATE SOLIDS, METHODS OF MANUFACTURE, AND USES THEREOF	14/230,396	US 2014-0294744 A1	8,962,597

C00000029.USP1	Alkyl ketal esters as dispersants and slip agents for particulate solids	61/332,982		
C00000029.USU2	ALKYL KETAL ESTERS AS DISPERSANTS AND SLIP AGENTS FOR PARTICULATE SOLIDS, METHODS OF MANUFACTURE AND USES THEREOF	13/104,823	US 2011-0274634 A1	
C00000031.USN3	Compositions for Dyeing Keratin Fibers	13/818,317	US 2013-0156716 A1	8,632,612
C00000031.USP1	Composition for Dyeing Keratin Fibers	61/380,518		
C00000032.USU2	FRAGRANT FORMULATIONS, METHODS OF MANUFACTURE THEREOF AND ARTICLES COMPRISING THE SAME	13/104,706	US 2011-0274643 A1	
C00000036.USP1	Fabric Softener Compositions and Methods of Manufacture Thereof	61/382,318		
C00000036.USU1	Fabric Softener Compositions and Methods of Manufacture Thereof	13/231,459	US 2012-0065113 A1	8,188,030
C00000037.USP1	WATER REDUCIBLE COATING COMPOSITIONS INCLUDING CARBOXY ESTER KETALS, METHODS OF MANUFACTURE, AND USES THEREOF	61/394,099		
C00000037.USU3	WATER REDUCIBLE COATING COMPOSITIONS INCLUDING CARBOXY ESTER KETALS, METHODS OF MANUFACTURE, AND USES THEREOF	13/276,091	US 2012-0094135 A1	8,728,625
C00000039.USN6	POLY(LACTONE)S, METHOD OF MANUFACTURE, AND USES THEREOF	14/357,670	US 2014-0343222 A1	
C00000039.USP1	Ionic polymers, method of manufacture and uses thereof	61/412,776		
C00000039.USP2	Ionic polymers, method of manufacture and uses thereof	61/449,384		
C00000039.USP5	Lactone polymers. method of manufacture and uses thereof	61/558,983		
C00000039.USU3	Ionic polymers, method of manufacture and uses thereof	13/294,926	US 2012-0118832 A1	8,846,817
C00000041.USP1	POLYKETAL ADDUCTS, METHODS OF MANUFACTURE AND USES THEREOF	61/412,573		

C00000041.USP2	POLYKETAL ADDUCTS, METHODS OF MANUFACTURE AND USES THEREOF	61/508,974		
C00000041.USU3	POLYKETAL ADDUCTS, METHODS OF MANUFACTURE AND USES THEREOF	13/294,690	US 2012-0118201 A1	9,212,176
C00000042.USP1	KETOCARBOXYLIC ACIDS, METHODS OF MANUFACTURE AND USES THEREOF	61/412,590		
C00000042.USU2	Ketocarboxylic acids, methods of manufacture and uses thereof	13/294,751	US 2012-0123147 A1	8,507,718
C00000042.USV4	KETOCARBOXYLIC ACIDS, KETOCARBOXYLIC ESTERS, METHODS OF MANUFACTURE AND USES THEREOF	13/934,368	US 2013-0296601 A1	9,221,741
C00000049.USP1	POLYHYDROXY KETAL ESTER ADDUCTS, METHODS OF MANUFACTURE AND USES THEREOF	61/412,699		
C00000049.USU2	POLYHYDROXY KETAL ESTER ADDUCTS, METHODS OF MANUFACTURE AND USES THEREOF	13/294,854	US 2012-0121911 A1	9,187,598
C00000049.USV8	POLYHYDROXY KETAL ESTER ADDUCTS, METHODS OF MANUFACTURE AND USES THEREOF	14/943,764		
C00000051.USN14	CROSSLINKABLE POLYKETAL ESTERS, METHODS OF MANUFACTURE AND USES THEREOF	14/441,932	US 2015-0291721 A1	
C00000051.USP1	CROSSLINKABLE POLYKETAL ESTERS, METHODS OF MANUFACTURE AND USES THEREOF	61/412,735		
C00000051.USP2	Crosslinkable polyketal esters, methods of manufacture and uses thereof	61/558,123		
C00000051.USP3	Crosslinkable polyketal esters, methods of manufacture and uses thereof	61/725,284		
C00000054.USP1	Stabilized levulinic ester ketals	61/545,849		
C00000054.USU2	STABILIZED LEVULINIC ESTER KETALS	13/648,252	US 2013-0087073 A1	

C00000056.USP1	CARBOXY ESTER KETALS, METHODS OF MANUFACTURE, AND USES THEREOF IN WATER- BORNE COATING COMPOSITIONS	61/731,194		
C00000056.USU2	CARBOXY ESTER KETALS, METHODS OF MANUFACTURE, AND USES THEREOF	14/092,176	US 2014-0147395 A1	9,156,809
C00000058.USN10	PROCESS TO PREPARE LEVULINIC ACID	14/359,124	US-2014-0316161-A1	
C00000058.USN22	PROCESS TO PREPARE LEVULINIC ACID	14/890,433		
C00000058.USP1	Process to prepare acid	61/563,276		
C00000058.USP2	Process to prepare levulinic acid	61/576,818		
C00000058.USP3	Process to prepare levulinic acid	61/581,006		
C00000058.USP4	Process to prepare levulinic acid	61/722,766		
C00000058.USP7	Process to Prepare Levulinic Acid	61/826,365		
C00000058.USP8	Process to Prepare Levulinic Acid	61/828,516		
C00000058.USP9	Process to prepare levulinic acid	61/887,657		
C00000059.USN4	KETAL ADDUCTS, METHODS OF MANUFACTURE, AND USES THEREOF	14/777,149		
C00000059.USP1	Ketal adducts, methods of manufacture, and uses thereof	61/794,618		
C00000201.USP1	Novel compounds based on levulinic ketal lactones	61/099,921		
C00000202.USP1	POLY(VINYL CHLORIDE) COMPOSITIONS CONTAINING COMPOUNDS DERIVED FROM KETAL ESTERS AND ARTICLES THEREFROM	61/173,366		
C00000203.USP1	Poly(Vinyl Chloride) Compositions Containing Compounds Derived From Ketal Esters And Articles Therefrom	61/233,582		
C00000204.USP1	Adhesive Formulations Containing Compounds Derived From Ketal Esters	61/059,072		
C00000205.USP1	Adhesive Formulations Containing Compounds Derived from Ketal Esters	61/138,587		
C00000206.USP1	Adhesive Formulations Containing Compounds Derived from Ketal Esters	61/161,451		

C00000207.USP1	A process for preparing polyketal-esters from oxocarboxylic acids	61/092,088		
C00000208.USP1	A process for preparing polyketal-esters from oxocarboxylic acids	61/095,635		
C00000209.USP1	Monohydroxylalkyl ketal ester compounds and a method for their preparation	60/935,840		
C00000210.USP1	Hydroxylalkyl Ketal Ester Compounds And A Method For Their Preparation	61/084,674		
C00000211.USP1	Hydroxyalkyl ketal ester compounds and a method for their preparation	61/095,634		
C00000212.USP1	Lactone crosslink agents	61/618,559		
C00000212.USU2	Reactive diluents, methods of reacting, and thermoset polymers derived therefrom	13/852,024	US 2013-0261254 A1	
C00000214.USN3	CLEANING, SURFACTANT, AND PERSONAL CARE COMPOSITIONS	14/429,796	US 2015-0252302 A1	
C00000214.USP1	CLEANING, SURFACTANT, AND PERSONAL CARE COMPOSITIONS	61/704,182		
C00000216.USP1	Methods of manufacture of amines and derivatives thereof	61/790,239		
C00000216.USP2	METHODS OF MANUFACTURE OF AMINES AND DERIVATIVES THEREOF	61/952,309		
C00000217.USN4	METHOD OF MANUFACTURE OF OCTANEDIOIC ACID, PRECURSORS, AND DERIVATIVES	14/777,069		
C00000217.USP1	Method of manufacture of octanedioic acid, precursors, and derivatives	61/790,826		
C00000218.USP1	Active agent delivery compositions and methods	61/798,325		
C00000218.USP2	Active agent delivery compositions and methods	61/798,749		
C00000218.USP3	ACTIVE AGENT DELIVERY COMPOSITIONS AND METHODS	61/952,316		
C00000218.USP4	ACTIVE AGENT DELIVERY COMPOSITIONS AND METHODS	61/953,002		
C00000219.USN4	BIOCIDE COMPOSITIONS, METHODS OF MANUFACTURE, AND METHODS OF USE	14/776,803		

C00000219.USP1	Biocide compositions, methods of manufacture, and methods of use	61/789,751		
C00000219.USP2	Biocide compositions, methods of manufacture, and methods of use	61/794,126		
C00000220.USC4	PROCESS TO PREPARE LEVULINIC ACID	14/748,278	US 2015-0291499 A1	
C00000220.USU1	PROCESS TO PREPARE LEVULINIC ACID	13/831,317	US 2014-0128634 A1	9,073841
C00000221.USN3	METHOD OF MANUFACTURING DICARBOXYLIC ACIDS AND DERIVATIVES FROM COMPOSITIONS COMPRISING KETOCARBOXYLIC ACIDS	14/776,311		
C00000221.USP1	METHOD OF MANUFACTURING DICARBOXYLIC ACIDS AND DERIVATIVES FROM COMPOSITIONS COMPRISING KETOCARBOXYLIC ACIDS	61/798,129		
C00000229.USP1	KETEL ESTER COMPOUNDS AND USES THEREOF	62/082,250		
C00000235.USP1	METHOD FOR REMOVING MINERAL ACID FROM LEVULINIC ACID	61/947,185		
C00000236.USP1	OXIDATION OF SOLIDS BIO-CHAR FROM LEVULINIC ACID PROCESSES	61/947,154		
C00000237.USP1	PROCESS TO PREPARE HYDROXYMETHYLFURFURAL ESTERS	62/208,208		
C00000237.USP2	Process to Prepare Hydroxymethylfurfural Derivatives	62/254,522		