

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5722181

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CALERA CORPORATION	09/12/2019

RECEIVING PARTY DATA

Name:	ARELAC, INC.
Street Address:	5450 THORNWOOD DRIVE
Internal Address:	SUITE K
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95123

PROPERTY NUMBERS Total: 48

Property Type	Number
Patent Number:	7735274
Patent Number:	7906028
Patent Number:	8857118
Patent Number:	7744761
Patent Number:	7931809
Patent Number:	7887694
Patent Number:	8333944
Patent Number:	7753618
Patent Number:	7914685
Patent Number:	7754169
Patent Number:	9260314
Patent Number:	7749476
Patent Number:	7966250
Patent Number:	7815880
Patent Number:	8470275
Patent Number:	7771684
Patent Number:	8869477
Patent Number:	8006446
Patent Number:	8603424

PATENT

Property Type	Number
Patent Number:	8431100
Patent Number:	7829053
Patent Number:	7790012
Patent Number:	8137444
Patent Number:	8834688
Patent Number:	9267211
Patent Number:	8883104
Patent Number:	8491858
Patent Number:	7939336
Patent Number:	7875163
Patent Number:	8357270
Patent Number:	8894830
Patent Number:	7993500
Patent Number:	7993511
Patent Number:	7922809
Patent Number:	8932400
Patent Number:	8177909
Patent Number:	8137455
Patent Number:	9056790
Patent Number:	8114214
Patent Number:	8062418
Patent Number:	8906156
Patent Number:	8936773
Patent Number:	9139472
Patent Number:	8691175
Patent Number:	8999057
Patent Number:	9061940
Patent Number:	9133581
Patent Number:	9902652

CORRESPONDENCE DATA

Fax Number: (650)493-6811

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.

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ATTORNEY DOCKET NUMBER:	56783-700
NAME OF SUBMITTER:	JING WANG
SIGNATURE:	/Jing Wang/
DATE SIGNED:	09/17/2019

Total Attachments: 5

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CORPORATE TO CORPORATE ASSIGNMENT

Docket Number 56783-700

WHEREAS, Catera Corporation (hereinafter "Assignor"), owns the entire right, title and interest in and to the inventions disclosed in the Application(s), and in and to all embodiments of the inventions, heretofore conceived, made or discovered (collectively hereinafter referred to as "Inventions") entitled:

See Attached Schedule A

WHEREAS, Arelac, Inc., a corporation incorporated under the laws of the State of Delaware, having a place of business at 5450 Thornwood Drive, Suite K, San Jose, California, 95123, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Inventions, and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignor to have been received in full from said Assignee:

1. Said Assignor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

2. Said Assignor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by the Assignor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by the parties (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon the Assignor, its successors, assigns and other legal representatives.

4. Said Assignor hereby warrants, represents and covenants that said Assignor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Assignor hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Assignor has executed and delivered this instrument to said Assignee as of the date written below.

Date: SEPTEMBER 12, 2019

ASSIGNOR

By:

Name:

Title:

[Signature]
RYAN WILLIAM
CEO

RECEIVED AND AGREED TO BY ASSIGNEE:

Date: SEPTEMBER 12, 2019

By:

Name:

Title:

[Signature]
RYAN WILLIAM
CEO

Schedule A

Client's Ref. No.	WSOR Case Number	Title	Country	Application Status	Application No.	Patent No.
CLRA-001	56783-705.201	HYDRAULIC CEMENTS COMPRISING CARBONATE COMPOUNDS COMPOSITIONS	US	ISSUED	12/126,776	7,735,274
CLRA-001CON	56783-705.301	HYDRAULIC CEMENTS COMPRISING CARBONATE COMPOUNDS COMPOSITIONS	US	ISSUED	12/700,076	7,906,028
CLRA-001CON2	56783-705.302	HYDRAULIC CEMENTS COMPRISING CARBONATE COMPOUNDS COMPOSITIONS	US	ISSUED	12/908,095	8,857,118
CLRA-002	56783-706.201	DESALINATION METHODS AND SYSTEMS THAT INCLUDE CARBONATE COMPOUND PRECIPITATION	US	ISSUED	12/163,205	7,744,761
CLRA-002CON	56783-706.301	DESALINATION METHODS AND SYSTEMS THAT INCLUDE CARBONATE COMPOUND PRECIPITATION	US	ISSUED	12/700,129	7,931,809
CLRA-003	56783-707.201	METHODS OF SEQUESTERING CO2	US	ISSUED	12/344,019	7,887,694
CLRA-003CON3	56783-707.303	METHODS OF SEQUESTERING CO2	US	ISSUED	12/942,558	8,333,944
CLRA-006	56783-708.201	ROCKS AND AGGREGATE, AND METHODS OF MAKING AND USING THE SAME	US	ISSUED	12/475,378	7,753,618
CLRA-006DIV	56783-708.401	ROCKS AND AGGREGATE, AND METHODS OF MAKING AND USING THE SAME	US	ISSUED	12/794,198	7,914,685
CLRA-007	56783-710.201	METHODS AND SYSTEMS FOR UTILIZING WASTE SOURCES OF METAL OXIDES	US	ISSUED	12/486,692	7,754,169
CLRA-007CON	56783-703.302	PRODUCTION OF CARBONATE-CONTAINING COMPOSITIONS FROM MATERIAL COMPRISING METAL SILICATES	US	ISSUED	13/887,986	9,260,314

Client's Ref. No.	WSGR Case Number	Title	Country	Application Status	Application No.	Patent No.
CLRA-008	56783-703.201	PRODUCTION OF CARBONATE-CONTAINING COMPOSITIONS FROM MATERIAL COMPRISING METAL SILICATES	US	ISSUED	12/501,217	7,749,476
CLRA-014	56783-711.201	CO2 COMMODITY TRADING SYSTEM AND METHOD	US	ISSUED	12/557,492	7,966,250
CLRA-017	56783-715.501	LOW-CARBON FOOTPRINT CONCRETE COMPOSITIONS	US	ISSUED	12/604,383	7,815,880
CLRA-017CON	56783-715.301	LOW-CARBON FOOTPRINT CONCRETE COMPOSITIONS	US	ISSUED	12/838,794	8,470,275
CLRA-018	56783-716.201	CO2-SEQUESTERING FORMED BUILDING MATERIALS	US	ISSUED	12/571,398	7,771,684
CLRA-018CIP	56783-716.501	CO2-SEQUESTERING FORMED BUILDING MATERIALS	US	ISSUED	13/283,534	8,869,477
CLRA-018CON	56783-716.301	CO2-SEQUESTERING FORMED BUILDING MATERIALS	US	ISSUED	12/826,209	8,006,446
CLRA-018CON2	56783-716.302	CO2-SEQUESTERING FORMED BUILDING MATERIALS	US	ISSUED	13/649,779	8,603,424
CLRA-018DIV	56783-716.401	CO2-SEQUESTERING FORMED BUILDING MATERIALS	US	ISSUED	13/191,209	8,431,100
CLRA-019	56783-712.201	NON-CEMENTITIOUS COMPOSITIONS COMPRISING CO2 SEQUESTERING ADDITIVES	US	ISSUED	12/609,491	7,829,053
CLRA-023	56783-709.831	LOW ENERGY ELECTROCHEMICAL HYDROXIDE SYSTEM AND METHOD	US	ISSUED	12/375,632	7,790,012
CLRA-026US2	56783-718.202	SYSTEMS AND METHODS FOR PROCESSING CO2	US	ISSUED	12/721,545	8,137,444
CLRA-028	56783-720.831	LOW-VOLTAGE ELECTROCHEMICAL HYDROXIDE WITH CIRCULATING HYDROGEN GAS	US	ISSUED	12/991,898	8,834,688
CLRA-028DIV	56783-720.401	LOW-VOLTAGE ELECTROCHEMICAL HYDROXIDE WITH CIRCULATING HYDROGEN GAS	US	ISSUED	14/320,332	9,267,211
CLRA-031	56783-721.201	GAS STREAM MULTI-POLLUTANTS CONTROL SYSTEMS AND METHODS	US	ISSUED	12/716,235	8,883,104

Client's Ref. No.	WSGR Case Number	Title	Country	Application Status	Application No.	Patent No.
CLRA-031CON	56783-721.301	GAS STREAM MULTI-POLLUTANTS CONTROL SYSTEMS AND METHODS	US	ISSUED	13/253,272	8,491,858
CLRA-035	56783-714.201	COMPOSITIONS AND METHODS USING SUBSTANCES CONTAINING CARBON	US	ISSUED	12/571,400	7,939,336
CLRA-036	56783-722.831	LOW ENERGY 4-CELL ELECTROCHEMICAL SYSTEM WITH CARBON DIOXIDE GAS	US	ISSUED	12/521,256	7,875,163
CLRA-037	56783-723.201	CO2 UTILIZATION IN ELECTROCHEMICAL SYSTEMS	US	ISSUED	12/503,557	8,357,270
CLRA-037CON	56783-723.301	CO2 UTILIZATION IN ELECTROCHEMICAL SYSTEMS	US	ISSUED	13/540,992	8,894,830
CLRA-040	56783-724.501	GAS DIFFUSION ANODE AND CO2 CATHODE ELECTROLYTE SYSTEM	US	ISSUED	12/541,055	7,993,500
CLRA-043	56783-725.501	ELECTROCHEMICAL PRODUCTION OF AN ALKALINE SOLUTION USING CO2	US	ISSUED	12/617,005	7,993,511
CLRA-055	56783-726.201	METHODS AND COMPOSITIONS USING CALCIUM CARBONATE	US	ISSUED	12/857,248	7,922,809
CLRA-055CON	56783-701.301	METHODS AND COMPOSITIONS USING CALCIUM CARBONATE	US	ISSUED	14/155,700	8,932,400
CLRA-055DIV	56783-701.401	METHODS AND COMPOSITIONS USING CALCIUM CARBONATE	US	ISSUED	13/082,942	8,177,909
CLRA-055DIV2	56783-701.402	METHODS AND COMPOSITIONS USING CALCIUM CARBONATE	US	ISSUED	13/278,567	8,137,455
CLRA-055DIV4	56783-701.404	METHODS AND COMPOSITIONS USING CALCIUM CARBONATE	US	ISSUED	14/563,138	9,056,790
CLRA-055US2	56783-726.202	METHODS AND COMPOSITIONS USING CALCIUM CARBONATE	US	ISSUED	12/857,267	8,114,214
CLRA-055US3	56783-726.203	METHODS AND COMPOSITIONS USING CALCIUM CARBONATE	US	ISSUED	12/857,289	8,062,418
CLRA-070US	56783-702.501	CEMENT AND CONCRETE WITH REINFORCED MATERIAL	US	ISSUED	13/560,246	8,906,156
CLRA-074	56783-729.201	METHODS AND COMPOSITIONS USING CALCIUM CARBONATE AND STABILIZER	US	ISSUED	13/457,156	8,936,773

Client's Ref. No.	WSGR Case Number	Title	Country	Application Status	Application No.	Patent No.
CLRA-074CON	56783-729.301	METHODS AND COMPOSITIONS USING CALCIUM CARBONATE AND STABILIZER	US	ISSUED	14/566,304	9,139,472
CLRA-077US	56783-730.501	CALCIUM SULFATE AND CO2 SEQUESTRATION	US	ISSUED	13/566,213	8,691,175
CLRA-079	56783-731.201	CEMENT AND CONCRETE WITH CALCIUM ALUMINATES	US	ISSUED	13/629,372	8,999,057
CLRA-080	56783-704.201	CONCRETE COMPOSITIONS AND METHODS	US	ISSUED	13/573,786	9,061,940
CLRA-082	56783-733.501	NON-CEMENTITIOUS COMPOSITIONS COMPRISING CO2 SEQUESTERING ADDITIVES	US	ISSUED	13/804,558	9,133,581
CLRA-083	56783-734.201	METHODS AND SYSTEMS FOR UTILIZING CARBIDE LIME	US	ISSUED	14/694,348	9,902,652