PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRECISION PLANTING LLC	02/27/2017

RECEIVING PARTY DATA

Name:	THE CLIMATE CORPORATION
Street Address:	201 THIRD STREET, SUITE 1100
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94103

PROPERTY NUMBERS Total: 33

Property Type	Number
Application Number:	15300366
Application Number:	61937725
Application Number:	15304476
Application Number:	61979246
Application Number:	62063184
Application Number:	62129366
Application Number:	14891770
Application Number:	14360209
Application Number:	15137989
Application Number:	15300760
Application Number:	61973593
Application Number:	14475431
Application Number:	14819363
Application Number:	62035321
Application Number:	62082480
Application Number:	62083640
Application Number:	13978339
Application Number:	61429635
Application Number:	14125698
Application Number:	61824975

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Property Type	Number
Application Number:	14653150
Application Number:	61738259
Application Number:	61738292
Application Number:	61682074
Application Number:	14420863
Application Number:	62187183
Application Number:	12522252
Application Number:	60883965
Application Number:	13292384
Application Number:	13752031
Application Number:	14206643
Application Number:	61562932
Application Number:	62220852

CORRESPONDENCE DATA

Fax Number:

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: (415)363-0500

Email: Laurie.Lubiano@climate.com
Correspondent Name: LAURIE ROSE LUBIANO

Address Line 1: 201 THIRD STREET, SUITE 1100

Address Line 4: SAN FRANCISCO, CALIFORNIA 94103

ATTORNEY DOCKET NUMBER:	PRECISION PLANTING
NAME OF SUBMITTER:	LAURIE ROSE LUBIANO
SIGNATURE:	/laurieroselubiano/
DATE SIGNED:	03/01/2017

Total Attachments: 7

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60403-0010 - Assignment

ASSIGNMENT

WHEREAS <u>Precision Planting LLC</u>, a limited liability company established under the laws of the State of Delaware, United States of America, and having a place of business at 23207 Townline Drive, Tremont, Illinois, United States of America ("ASSIGNOR"), owns and has the right to transfer those inventions as disclosed and claimed in certain patents and patent applications of the United States and other countries, regions or offices that are stated in the attached <u>Schedule</u> (referred to herein as "Patents"):

AND WHEREAS, <u>The Climate Corporation</u>, a corporation established under the laws of the State of Delaware, United States of America, having a business address of 201 3rd Street #1100, San Francisco, California, United States of America ("ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said inventions and Patents and in and to any and all Letters Patent of the United States and other countries, regions or offices which may be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, effective as of the date signed set forth below, ASSIGNOR does hereby sell, assign, transfer and set over unto ASSIGNEE, its legal representatives, successors, and assigns, the entire right, title and interest in and to said inventions and Patents, including any provisionals, continuations, continuations-in-part, divisionals, reissues, reexaminations or extensions thereof, and in and to any and all patents of the United States and other countries, regions or offices which may be issued for said inventions or Patents;

UPON SAID CONSIDERATIONS, ASSIGNOR hereby agrees with the ASSIGNEE that ASSIGNOR will not execute any writing or do any act whatsoever conflicting with these presents, and that ASSIGNOR will, at any time upon request, without further or additional consideration but at the expense of said ASSIGNEE, execute such additional assignments and other writings and do such additional acts as said ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this grant, and render all commercially reasonable assistance in making application for and obtaining provisional, original, divisionals, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all other countries, regions or offices on said inventions or Patents, and in enforcing any rights or choses in action accruing as a result of such Patents, by giving testimony in any proceedings or transactions involving such Patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of ASSIGNOR and ASSIGNEE;

AND we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said inventions or Patents to said ASSIGNEE, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

IN WITNESS WHEREOF, we have set our hands below.

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60403-0010 - Assignment

PRECISION PLANTING LLC ("ASSIGNOR")

By 2000 Authorized Representative	Date signed 27 Pebruary 2017
Print Name_Brad_Arnold	Print Title General Manager
ACKNOWLEDGMENT OF NOTARY - ASSIGNOR	
State of Illinois)) SS:	
County of Tazewell)	
On this, the 27 day of February undersigned officer, personally appeared 3100 proven) to be the person whose name is subscribe	Axyo known to me (or satisfactorily

In witness hereof, I hereunto set my hand and official seal.

that he executed the same for the purposes therein contained.

OFFICIAL SEAL MARLA K ROSE Notary Public - State of Illinois My Commission Expires Dec 10, 2017 Notary Public

60403-0010 - Assignment

THE CLIMATE CORPORATION ("ASSIGNEE DocuSigned by:	
By Christopher Arme	Date signed
Authorized Representative	
Christopher Grewe Print Name	Print Title Associate General Counsel
ACKNOWLEDGMENT OF NOTARY - ASSIGN	<u>uee</u>
State of California)) SS:	
County of San Francisco	
On this, theday of undersigned officer, personally appeared proven) to be the person whose name is subso that he executed the same for the purposes the In witness hereof, I hereunto set my hand and	, known to me (or satisfactorily ribed to the within instrument, and acknowledged erein contained.
	Notary Public

			SCHEDULE			
Application Title	Application Number	Application Date	Country	Reference Number	Client Reference	HPBB Ref.
APPARATUS, SYSTEMS AND METHODS FOR CONTROL. MONITORING AND MAPPING OF AGRICULTURAL APPLICATIONS	AR20130102860	8/12/2013	Argentina	27151.10038AR01	61-30(59534)0000/AR	60403-2001
	61/738292	12/17/2012	United States			None, expired
	61/682074	8/10/2012	United States			Nane, expired
SYSTEMS AND METHODS FOR	14/420863	8/12/2013	United States	27151.10038US03		60403-2000
	2013299359	8/12/2013	Australia	27151.10038AU01		60403-2002
	BR1120150027997	8/12/2013	Brazil	27151,10038BR01		60403-2003
	2880570	8/12/2013	Canada	27151,10038CA01		60403-2004
	13828446.8	8/12/2013	European Patent Office			60403-2005
	201500753	8/12/2013	South Africa	27151.10038ZA01		60403-2006
	201502061	8/12/2013	Ukraine	27151.10038UA01		60403-2007
	PCT/US2013/054506	8/12/2013	PCT	27151.10038WO01	61-30(59534)0000/PCT	MA
SYSTEM AND METHODS FOR. IDENTIFYING FIELDS AND TASKS	62/083640	11/24/2014	United States			None, expired
SYSTEMS AND METHODS FOR MAGE CAPTURE AND ANALYSIS OF AGRICULTURAL PIELDS	62/187183	6/30/2015	United States			None, expred
	PCT/US2016/039880	6/28/2016	TOA.			60403-4009
	P160101970	6/29/2016	Argentina			60403-4010
PLANTER MONITOR SYSTEM AND	12/522252	7/6/2009	United States	27151.10018US02	61-30 (69515)0001/US	60403-2017
CONTEN	8705750	1772008	European Patent Office	27151,10018EP01	61-30 (59515)0000/EP	60403-2022
	60/883965	1/8/2007	United States	27151.10018US01	61-30 (59515)0000/US	None, expired
********	13/292384	11/9/2011	United States	27151,10018US03	61-30 (59515)0002/US	60403-2018
	13/752031	1/28/2013	United States	27151.10018US04	61-30 (69515)0003/US	60403-2019
	PI0806559-4	1772008	Brazil	27151.10018BR01	61-30 (59515)0000/BR	60403-2021
	14/208643	3/12/2014	United States			60403-2020
	PCT/US2008/050445	1772008	٥			X/X
AGGICULTURAL IMPLEMENT AND AGGICULTURAL MONITORING. LACEPARATUS, SYSTEMS, AND AGGICULTURAL MONITORING.	PCT/US2015/023949	4/1/2015	ā	27151.10063WO01		60403-2023
(:	1120160200730	4/1/2015	Brazil			60403-2052
	2941026	4/1/2015	Canada			60403-2053
	201580011693.7	4/1/2015	Chara			60403-2054
	201602141	4/1/2015	<u> </u>			60403-2056
	15774061.5	4/1/2015	European Patent Office			60403-2056
	2015240770	4/1/2015	Australia			60403-2057
	201617028659	4/1/2015	E DA			60403-2058

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	2016/05898	4/1/2015	South Africa			60403-2059
	NC2016/0001114	4/1/2015	Colombia			60403-2060
	a201609129	4/1/2015	Ukraine			60403-2061
	15/300,760	9/29/2016	United States			60403-2069
	61/973593		United States			None, expired
ACRICULTURAL SPATIAL DATA. PROCESSING SYSTEMS AND. METHODS	14/475431	9/2/2014	Unified States	27151.10057US02	61-30 (59657) 0001/US	60403-2047
SYSTEMS AND METHOD FOR	14/819363	8/5/2015	United States			60403-4000
MOMITORING, CONTROLLING, AND	62/035321	8/8/2014	United States			None, expired
OPERATION IN	62/082480	11/20/2014	United States			None, expired
SYSTEM AND METHODS FOR DENTIFYING FIELDS AND TASKS	62/083,640	11/24/2014	United States	62/083,640		None expired
	PCT/US2015/082501	11/24/2015	뒽	PCT/US2015/062501		60403-4001
METHODS FOR GENERATING SOIL	13/978339	12/30/2011	United States	27161,10025US02	61-30(59524)0000/US	60403-2031
	2011353515	12/30/2011	Australia	27151,10025AU01	61-30(59524)0000/AU	60403-2032
	BR1120130173050	12/30/2011	Brazil	27151,10025BR01	61-30(59524)0000/BR	60403-2033
	2823272	12/30/2011	Canada	27151,10025CA01	61-30(59524)0000/CA	60403-2034
	11854680.3	12/30/2011	European Patent Office			60403-2035
	201309619	12/30/2011	Ukraine	27151,10025UA01	61~30(59524)0000/UA	60403-2036
	201304918	12/30/2011	South Africa			60403-2037
	PCT/US2011/068219	12/30/2011	to a	27151,10025WC01	61-30 (59524)0000/PCT	N/A
	61/429635	1/4/2011	United States	27151.10025US01	61-30 (59524)0000/US	None, expired
SYSTEMS AND METHODS FOR PLACING AND ANALYZING TEST PLOTS	14/125698	2012-06-13	United States			60403-2038
	3012271708	2012-08-13	Anstralia			60403-2039
	2012002095	6/13/2012	Argentina			60403-2040
	2015268699	2012-06-13	Australia			60403-2041
	BR112013031992.5	2012-06-13	Brazil			60403-2042
	2837484	2012-06-13	Canada			60403-2043
	12800387.8	2012-06-13	European Patent			60403-2044
	201400164	2012-06-13	Ukraine			60403-2045
	201308926	2012-06-13	South Africa			60403-2046
	61/824975	5/17/2013	United States			None, expired
4 OT PLACEMENT SYSTEMS AND	PCT/US2013/075404	12/16/2013	LDa	27151.10044W001	61-30(59543)0000/PCT	XX
\$0000	14/653150	12/16/2013	United States	27151.10044US02		60403-2013
	61/738259		United States			None, expired
	BR112015014278-8	12/16/2013	Brazil	27151,10044BR01		60403-2014
	2894568	12/16/2013	Canada	27151.10044CA01		60403-2015
	13865862	12/16/2013	European Patent Office	27151,10044EP01		60403-2016

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METHODS AND SYSTEMS FOR. GENERATING SHARED. COLLABORATIVE MAPS	PCT/US2015/015252	2/10/2015	Ď.	27151,10062W001		60403-2012
	1120160184408	2/10/2015	Brazil			60403-2048
	2939180	2/10/2015	Canada			60403-2049
	201602010	2/10/2015	Chile			60403-2050
	201580013567.5	2/10/2015	China			60403-2051
	NC2016/0001750	2/10/2015	Australia			60403-2062
	15746044.5	2/10/2015	Colombia			60403-2063
	201617030417	2/10/2015	European Patent Office			60403-2064
	a201609343	2/10/2015	Ukraine			60403-2066
	2016/06171	2/10/2015	South Africa			60403-2067
	15/300.368	9/29/2016	United States			60403-2068
	61/937725	2/10/2014	United States			Nane, expired
	201617030	9/6/2016	(ndia			60403-2065
	PCT/JJS2015/025783	4/14/2015	PCT			60403-2024
	1120160238856	4/14/2015	Brazil			60403-2070
	2945363	4/14/2015	Canada			60403-2071
	201602629	4/14/2015	Chife			60403-2072
	201680019753.X	4/14/2015	C C			60403-2073
	NC2016/0004070	4/14/2015	Colombia			60403-2074
	2015247800	4/14/2015	Australia			60403-2075
	15779411.6	4/14/2015	European Patent Office			60403-2076
	201617037627	4/14/2015				80403-2077
	a201611525	4/14/2015	Ukraine			60403-2078
	2016/07637	4/14/2015	South Africa			60403-2079
	15/304,476	10/14/2016	United States			60403-2080
	61/979246	4/14/2014	United States			Mone, expired
	62/063184	10/13/2014	United States			None, expired
	62/129366	3/6/2015	United States			None, expired
SYSTEMS, METHODS, AND, APPARATUS FOR SOIL MOISTURE, MONITORING	PCT/US2014/038677	5/19/2014	P.G	27151.10052W001	61-30(59552)0000/PCT	N/A
> <i> </i>	14797184	5/19/2014	European Patent Office			60403-2008
	14/891770	5/19/2014	United States			60403-2009
	BR112015028728.0	5/19/2014	Brazil			80403-2010
	2912403	5/19/2014	Canada			60403-2011
STALK SENSOR APPARATUS. SYSTEMS, AND METHODS	14/360208	11/21/2012	United States	27151,10034US02	61-30(59532)0001/PCT/US	60403-2025
	15/137989	4/25/2016	United States			60403-2026
	20120104388	11/22/2012	Argentina	27151.10034AR01	61-30 (59532)0000/AR	60403-2027
	BR1120140122245	11/21/2012	Braze	27151.10034BR01	61-30(59532)0000/BR	60403-2028
	2856418	11/21/2012	Canada	27151,10034CA01	61~30(59532)0000/CA	60403-2029

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	PCT/US2012/086279	11/21/2012	ğ	27151,10034W001	61-30 (59532)0000/PCT	¥×
	61/562932	11/22/2011	United States			None, expired
	12852165.5	11/21/2012	European Patent Office			60403-2030
SYSTEMS, METHODS, AND DEVICES, EOR MONITORING VIENTHER AND HELD CONDITIONS	62/220852	9/18/2015	United States	9703P(00524		60403-4003
	PCT/US16/29609	4/27/2016	<u>ا</u>			60403-4004
	P160101231	4/29/2016	Argentina			60403-4005
AGRICUL TURAL DATA ANALYSIS	PCT/US16/35840	6/3/2016	<u> </u>			60403-4007
	P160101692	6/8/2016	Argentina			60403-4008

RECORDED: 03/01/2017

PRECISION PLANTING LLC ("ASSIGNOR")

27 Rebruary 2017 Date Signed

Punt Name: Brad Arnold

Pini Title General Manager

THE CLIMATE CORPORATION ("ASSIGNEE")

Date Signed By Authorized Representative

Print Name:

PATENT **REEL: 041427 FRAME: 0722**