

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4107355

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JESSICA PARKS	10/13/2016
KIRA BULAZEL ROBERTS	10/17/2016
REBECCA E. THAYER	10/17/2016
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Internal Address:	BUILDING ONE
City:	RESEARCH TRIANGLE PARK
State/Country:	NORTH CAROLINA
Postal Code:	27709
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15158380
PCT Number:	US2016033126
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ATTORNEY DOCKET NUMBER:	098699-1010188
NAME OF SUBMITTER:	CATHERINE A. ANDERSON
SIGNATURE:	/Catherine A. Anderson/
DATE SIGNED:	10/21/2016
Total Attachments: 5	
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Attorney Docket No.	098699-1010188	098699-1010187	098699-1010186	098699-1010185
Client Ref.	AgB013.US	AgB013.PCT	AgB013.AR	AgB013.PY

ASSIGNMENT
(Patent Application)

We, JESSICA PARKS, KIRA BULAZEL ROBERTS and REBECCA E. THAYER, have invented certain inventions and improvements disclosed in the below-identified patent application entitled

“PESTICIDAL GENES AND METHODS OF USE,”

and identified as U.S. Application No. 15/158,380, filed May 18, 2016 with the U.S. Patent and Trademark Office; International PCT Application No. PCT/US2016/033126, filed May 18, 2016 with the U.S. Patent and Trademark Office; Argentina Patent Application No. P16 01 01621, filed June 2, 2016 with the Argentina National Institute of Industrial Property; and Paraguay Patent Application No. 32693/2016, filed June 2, 2016 with the Paraguay National Directorate of Intellectual Property.

For good and valuable consideration, the receipt and sufficiency of which we acknowledge, we (“the Inventors” or “the Assignor(s)”):

1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to AgBiome, Inc., a corporation of the State of Delaware having a principal place of business at 104 T.W. Alexander Drive, Research Triangle Park, NC 27709 (“the Assignee”), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application(s), implicitly or explicitly;
 - (b) the above-referenced patent application(s), the right to claim priority to the above-referenced patent application(s) in the United States and all foreign countries, and as provided by any bilateral or multilateral treaty or international agreement, including but not limited to, the International Convention of 1883 and later modifications thereof (“the Paris Convention”), the Patent Cooperation Treaty (PCT), the European Patent Convention, the Eurasian Patent Convention, the agreement(s) of the African Regional Intellectual Property Organization, the agreement(s) of the Organisation Africaine de la Propriete Intellectuelle, and the agreement(s) of the Cooperation Council for the Arab States of the Gulf, in all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter

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partes review, supplemental examination, or non-U.S. patent application, PCT applications, or applications for other rights based in whole or in part on the above-referenced patent application;

- (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
 3. Authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.
 4. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
 5. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
 6. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the dates indicated beside by signatures.

Patent Assignment

Attorney Docket No.	098699-1010188	098699-1010187	098699-1010186	098699-1010185
Client Ref.	AgB013.US	AgB013.PCT	AgB013.AR	AgB013.PY

SIGNATURE:

10/13/16
Date


Jessica Parks

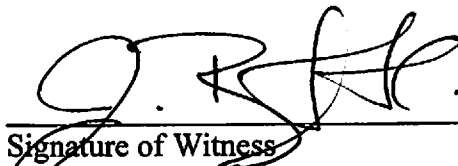
SIGNATURE WITNESSED BY:

DAVID INGLETON
Name of Witness (printed)


Signature of Witness

13-Oct-2016
Date Witnessed

JENNA BRYANT
Name of Witness (printed)


Signature of Witness

10/13/16
Date Witnessed

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Attorney Docket No.	098699-1010188	098699-1010187	098699-1010186	098699-1010185
Client Ref.	AgB013.US	AgB013.PCT	AgB013.AR	AgB013.PY

SIGNATURE:

10/17/16
Date


Kira Bulazel Roberts

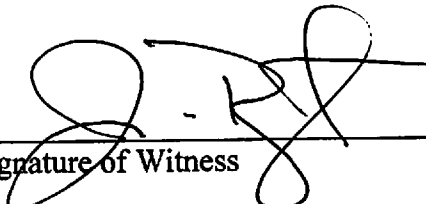
SIGNATURE WITNESSED BY:

Mary Kroner
Name of Witness (printed)


Signature of Witness

10/17/2016
Date Witnessed

Jenina Bryant
Name of Witness (printed)


Signature of Witness

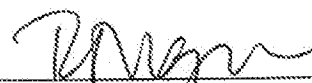
10/17/16
Date Witnessed

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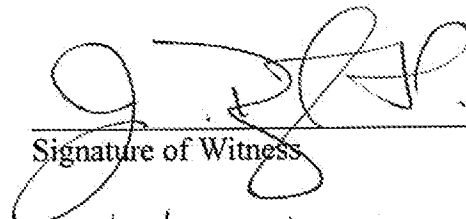
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Date

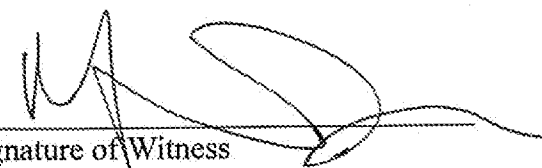

Rebecca E. Thayer

SIGNATURE WITNESSED BY:

JENNA BRYANT
Name of Witness (printed)


Signature of Witness
10/17/16
Date Witnessed

Mauricio Borgeh
Name of Witness (printed)


Signature of Witness
10/17/16
Date Witnessed