PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| Charles J Arntzen | 10/01/2007 |
| Alabama A&M University | 04/05/2010 |

RECEIVING PARTY DATA

| Name: | Hortense DODO | |
|-----------------|---------------------|--|
| Street Address: | 3300 West Mill Road | |
| City: | Huntsville | |
| State/Country: | ALABAMA | |
| Postal Code: | 35806 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12770435 |

CORRESPONDENCE DATA

Fax Number: 2054886267

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 205-521-8267
Email: devans@babc.com
Correspondent Name: Donita Evans

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Address Line 2: Bradley Arant Boult Cummings LLP
Address Line 4: Birmingham, ALABAMA 35203

| ATTORNEY DOCKET NUMBER: | P108930US03NL |
|-------------------------|----------------|
| NAME OF SUBMITTER: | Donita Evans |
| Signature: | /donita evans/ |
| Date: | 07/18/2013 |
| | PATENT |

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Total Attachments: 4 source=Arntzenassign#page1.tif source=Arntzenassign#page2.tif source=Arntzenassign#page3.tif source=aandmassign#page1.tif

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ASSIGNMENT OF PATENT AND PATENT APPLICATION

WHEREAS, the following parties:

<u>Name</u> <u>Address</u>

Charles J. Arntzen 7686 E. Wilderness Trail

Superstition Mountain, AZ 85218-1806

Hereinaster referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the blow-identified utility for United States Letter Patent entitled:

DOWN-REGULATION AND SILENCING OF ALLERGEN GENES IN TRANSGENIC PEANUT PLANTS: US PATENT 6,943,010; SERIAL NO 10/958,324, APPLICATION NUMBER US2004958324; US2000715036, APPLICATION NO 60/167,255, PUBLICATION NUMBER US20050114924, AND ALL OTHER APPLICATION, PUBLICATION AND PATENT NUMBERS RELATED TO SAID PATENT.

| which was: | |
|------------|---|
| | executed on even date herewith, |
| X | Filed with the United Sates Patent and Trademark Office (USPTO), November, 20, 2000, U.S. Application Serial No. 09/715,036 filed November 20, 2000; US 2000715036 filed on November 20, 2000. |
| X | Further described in U.S. Provisional application entitled Down-Regulation and Silencing of Allergen Genes in Transgenic Peanut Plants, filed with USPTO on October 6, 2004, Serial No. 60/490,816. |

WHEREAS, HORTENSE DODO, having a place of business and 3300 West Mill Road, Huntsville, Alabama, 35806, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), application(s), and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby

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acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell assign and

Transfer unto ASSIGNEE, and ASSIGNEE'S successor and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said provisional application and all the right and privileges in any application and under and all patents that may be granted in the U.S. for said invention, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all right priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. from them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all paper, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/ or serial number above pertaining to the utility application

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and/ or the provisional application, if not known as of the date of execution of this document.

Date

Charles / Armtzen

UNITED STAES OF AMERICA

STATE OF ARIZONA

COUNTY OF MARICOPA

On this / day of OT 2007, before me personally came Charles J.

Armtzen to me known to be the individual described above and who executed the foregoing instrument or acknowledged execution of the same.

Notary Public

My Notary Public

State of Arizona

Notary Public

State of Arizona

LINDA WHATLEY

LNDA WHATLEY

LNDA



Office of General Counsel P. O. Box 315 Normal, Alabama 35762 (256) 372-4738 Office (256) 372-8890 Fax

April 5, 2010

John A. Wilmer, Esquire Wilmer & Lee, P.C. P.O. Box 2168 Huntsville, AL 35804

RE: BOARD OF ADJUSTMENT CLAIM #121-2009780

Dear Mr. Wilmer:

cc;

| This correspondence is in response to the above-referenced claim. Alabama A&M University agrees to pay Dr. Dodo and relinquish all rights to the patents, pending patent applications and international patents or pending international patent applications in relation to Dr. Dodo's research of "Down-Regulation and Silencing of Allergens in Transgenic Peanut Plants" that are currently in existence and jointly held by the claimant and the University. |
|--|
| Sincerely, Angela Redmond Debro General Counsel |
| 1, Kus Leva w Just 4/5/14 accept the above amount as final payment of the balance due for the above claim and |

Mrs. Sarah B. Echols, Clerk of the Board - State of Alabama BOA

PATENT REEL: 030821 FRAME: 0718

RECORDED: 07/18/2013