

PATENT ASSIGNMENT

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| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Mid-Atlantic Technology Research and Innovation Center (MATRIC) | 05/14/2013 |
| RECEIVING PARTY DATA | |
| Name: | BioAmber S.A.S. |
| Street Address: | Route de Pomacle |
| City: | Bazancourt |
| State/Country: | FRANCE |
| Postal Code: | F-51110 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| PCT Number: | US1149682 |
| CORRESPONDENCE DATA | |
| Fax Number: | 2156562498 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 215-656-3381 |
| Email: | pto.phil@dlapiper.com |
| Correspondent Name: | T. Daniel Christenbury |
| Address Line 1: | One Liberty Place |
| Address Line 2: | 1650 Market Street, Suite 4900 |
| Address Line 4: | Philadelphia, PENNSYLVANIA 19103 |
| ATTORNEY DOCKET NUMBER: | DNP-10-1056WO2 |
| NAME OF SUBMITTER: | Carol Coney |
| Signature: | /cc/ |
| Date: | 07/03/2013 |
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CH \$40.00 US1149682

ASSIGNMENT

WHEREAS, Mid-Atlantic Technology Research and Innovation Center (MATRIC), a West Virginia corporation, with offices at 3200 Kanawha Turnpike, South Charleston, WV 25303 (hereinafter referred to as "assignor"), is the owner of the entire right, title and interest in and to International Application No. PCT/US11/49682, filed on August 30, 2011, and of the invention therein described; and

WHEREAS, BIOAMBER S.A.S., with offices at Route de Pomacle, F-51110 Bazancourt, France (hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in and to the said invention said United States application and all letters patent issued for said invention;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said inventions, including said patent applications, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said inventions, and all letters patents and reissues thereof, issuing for said inventions in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said inventions, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the inventions in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED under seal on May 14, 2013.

Mid-Atlantic Technology Research and Innovation Center (MATRIC)

By: Parvez H. Wadia

Name: PARVEZ H. WADIA

Title: CTO & Exec. VP