

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| | |
|--|--|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Antonio Arioli | 08/09/2011 |
| Steven Englelen | 05/18/2011 |
| RECEIVING PARTY DATA | |
| Name: | Bayer BioScience N.V. |
| Street Address: | Technologiepark 38 |
| City: | Gent |
| State/Country: | BELGIUM |
| Postal Code: | BE-9052 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13056192 |
| CORRESPONDENCE DATA | |
| Fax Number: | (919)549-3994 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 919-549-2740 |
| Email: | pamula.ramsey@bayer.com |
| Correspondent Name: | Pamula Ramsey |
| Address Line 1: | 2 T. W. Alexander Drive |
| Address Line 2: | Patent Department |
| Address Line 4: | Research Triangle Pa, NORTH CAROLINA 27709 |
| ATTORNEY DOCKET NUMBER: | BCS082011PCTUS01 |
| NAME OF SUBMITTER: | Pamula Ramsey |
| Total Attachments: 4 source=082011PCTUS01 Executed Assignment#page1.tif source=082011PCTUS01 Executed Assignment#page2.tif source=082011PCTUS01 Executed Assignment#page3.tif source=082011PCTUS01 Executed Assignment#page4.tif | |

CH \$40.00 13056192

ASSIGNMENT

WHEREAS, WE, **Antonio ARIOLI**, residing at 13 Ashwood Drive, Ashwood VIC 3147, Australia; and **Steven ENGELN**, residing at Knapstandstraat 14, Bus W2, BE-9160 Lokeren, Belgium (the "ASSIGNORS"), have invented certain new and useful improvements in and to the subject matter of:

"METHODS FOR PLANT FIBER CHARACTERIZATION AND IDENTIFICATION"

described in an application for United States Letters Patent filed on January 27, 2011 and accorded application No. 13/056192;

AND, WHEREAS, BAYER BIOSCIENCE N.V., a corporation duly organized under and pursuant to the laws of BELGIUM and having its principal place of business at TECHNOLOGIEPARK 38, BE-9052 GENT, BELGIUM (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

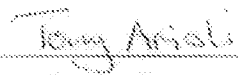
AND WE hereby authorize and request our agents, Bayer CropScience LP, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709, USA, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known;

AND WE hereby agree for ourselves ~~and our heirs, executors and administrators~~ ^{TA} to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;


AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set my hand and seal.

Date 9th August 2011 Signature of Assignor 
Antonio ARIOLI

WITNESS:

Date 9/8/11 Signature of Witness 

Date _____ Signature of Assignor _____
Steven ENGELN

WITNESS:

Date _____ Signature of Witness _____

ASSIGNMENT

WHEREAS, WE, **Antonio ARIOLI**, residing at 13 Ashwood Drive, Ashwood VIC 3147, Australia; and **Steven ENGELEN**, residing at Knaptandstraat 14, Bus W2, BE-9160 Lokeren, Belgium (the "ASSIGNORS"), have invented certain new and useful improvements in and to the subject matter of:

"METHODS FOR PLANT FIBER CHARACTERIZATION AND IDENTIFICATION"

described in an application for United States Letters Patent filed on January 27, 2011 and accorded application No. 13/056192;

AND, WHEREAS, BAYER BIOSCIENCE N.V., a corporation duly organized under and pursuant to the laws of BELGIUM and having its principal place of business at TECHNOLOGIEPARK 38, BE-9052 GENT, BELGIUM (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements; any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agents, Bayer CropScience LP, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709, USA, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known;

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;


AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set my hand and seal.

Date _____ Signature of Assignor _____
Antonio ARIOLI

WITNESS:

Date _____ Signature of Witness _____

Date May 18, 2011 Signature of Assignor 
Steven ENGELLEN

WITNESS:

Date May 18, 2011 Signature of Witness 