

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shib Sankar Basu	01/30/2008
Michael B. Lanahan	01/30/2008
Mark Kinkema	01/29/2008

RECEIVING PARTY DATA

Name:	Syngenta Participations AG
Street Address:	3054 Cornwallis Road
City:	Research Triangle Park
State/Country:	NORTH CAROLINA
Postal Code:	27709

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11996076

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70707USPCT

NAME OF SUBMITTER:

Karen Moon Bruce

Total Attachments: 3

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PATENT

REEL: 021829 FRAME: 0677

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OP \$40.00 11996076

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ASSIGNMENT

We, Shib Sankar Basu, Michael B. Lanahan, and Mark Kinkema

INVENTORS of 3054 Cornwallis Road, Research Triangle Park, NC 27709;  
103 Filtrona Court, Cary, NC 27519; and 5/48 Highview Tce, St.  
Lucia, Queensland, 4067 AU, respectively

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to **Syngenta Participations AG**, a company organized under the laws of the Swiss Confederation, having a place of business at Schwarzwaldallee 215, Basel, Switzerland 4058, its successors, assigns and legal representatives, all right, title and interest, which includes the right to and full benefit of such priorities as may now or hereafter be granted to us by any applicable local or foreign laws or by treaty, including any international convention for the protection of industrial property, in and for the United States, its territories and possessions, as well as all foreign countries, in and to the invention entitled:

**CHLAMYDOMONAS GLUCAN DIKINASE GENE, ENZYME AND MODIFIED  
STARCH, USES, METHODS FOR PRODUCTION THEREOF**

invented by us and described in the following patent application(s):

United States Provisional Patent Application Serial No. 60/701,693, filed on July 22, 2005

United States Patent Application No. 11/996,067 filed January 18, 2008

International Patent Application No. PCT/US06/24405

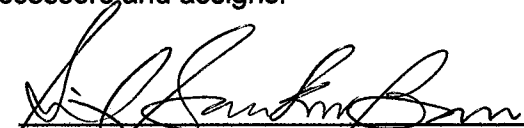
including (1) said United States Provisional Patent Application and all United States and/or foreign patent applications claiming the benefit of priority thereof, (2) said United States Patent Application and all continuations and divisions thereof (including further continuations and divisions such as, but not limited to, continuations of continuations and divisions of continuations), (i) all United States Letters Patent which may be issued and/or granted on all such applications, (ii) all applications for reissues and extensions of and reexamination certificates for all such United States Letters Patent and (iii) all reissues and extensions and reexamination certificates issued for all such United States Letters Patent, and (3) said International Patent Application and all national stage applications, which may be filed in the United States and/or any foreign countries, claiming the benefit of priority thereof (including all continuations, divisions, further continuations and divisions, etc., of said

International Patent Application and all continuations, divisions, further continuations and divisions, etc., of any such national stage applications), (i) all foreign Letters Patent which may be issued and/or granted on all such applications, and (ii) all foreign patent or other intellectual property rights (such as, but not limited to, utility models) derivable from said International Patent Application in accordance with any applicable foreign laws or by treaty, said interest being the entire ownership of said invention and all of said applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates, foreign Letters Patent, and foreign patent or other intellectual property rights derivable from said International Patent Application to be held and enjoyed by Syngenta Participations AG and its successors and assigns to the full end of the terms to which said United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates, foreign Letters Patent, and foreign patent or other intellectual property rights derivable from said International Patent Application may be granted and/or issued, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment, and transfer had not been made;

And we hereby agree to sign and/or execute any further documents and/or instruments which may be necessary, lawful, and proper in and/or for the filing and/or prosecution of said applications for United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates, foreign Letters Patent, and foreign patent or other intellectual property rights derivable from said International Patent Application and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates, foreign Letters Patent, and foreign patent or other intellectual property rights derivable from said International Patent Application in Syngenta Participations AG and its successors and assigns.

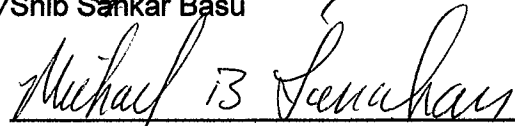
Signed this 30<sup>th</sup> day of January, 2008

by

  
Shib Sankar Basu

Signed this 30 day of January, 2008

by

  
Michael B. Lanahan

Signed this       day of       , 2008

by

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Mark Kinkema

International Patent Application and all continuations, divisions, further continuations and divisions, etc., of any such national stage applications), (i) all foreign Letters Patent which may be issued and/or granted on all such applications, and (ii) all foreign patent or other intellectual property rights (such as, but not limited to, utility models) derivable from said International Patent Application in accordance with any applicable foreign laws or by treaty, said interest being the entire ownership of said invention and all of said applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates, foreign Letters Patent, and foreign patent or other intellectual property rights derivable from said International Patent Application to be held and enjoyed by Syngenta Participations AG and its successors and assigns to the full end of the terms to which said United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates, foreign Letters Patent, and foreign patent or other intellectual property rights derivable from said International Patent Application may be granted and/or issued, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment, and transfer had not been made;

And we hereby agree to sign and/or execute any further documents and/or instruments which may be necessary, lawful, and proper in and/or for the filing and/or prosecution of said applications for United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates, foreign Letters Patent, and foreign patent or other intellectual property rights derivable from said International Patent Application and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates, foreign Letters Patent, and foreign patent or other intellectual property rights derivable from said International Patent Application in Syngenta Participations AG and its successors and assigns.

Signed this        day of                      , 2008    by        Shib Sankar Basu

Signed this        day of                      , 2008    by        Michael B. Lanahan

Signed this 29<sup>th</sup> day of January, 2008    by        Mark Kinkema  
Mark Kinkema