04-13-2005



| OMB No. 0651-0027 (exp. 6/30/2005)                                                                                          | tates Patent and Trademark Office                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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|                                                                                                                             | 02979532                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PATENTS ONLY                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1. Name of conveying party(ies)/Execution Date(s):                                                                          | 2. Name and address of receiving party(ies)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Kevin Threlkeld                                                                                                             | Name: Syngenta Participations AG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| !                                                                                                                           | Internal Address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Execution Date(s) 3/21/2005  Additional name(s) of conveying party(ies) attached? Yes No.                                   | Street Address: Schwarzwaldallee 215                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3. Nature of conveyance:                                                                                                    | R/F -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Assignment Merger                                                                                                           | City: Basel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Security Agreement Change of Name                                                                                           | THE MANAGEMENT OF THE AMERICAN CONTRACT OF THE |
| Government Interest Assignment Executive Order 9424, Confirmatory License                                                   | Country: Switzerland Zip: 4058                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Other                                                                                                                       | Additional name(s) & address(es) attached? Yes No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| A. Patent Application No.(s) 11/072,899  Additional numbers atta                                                            | document is being filed together with a new application.  B. Patent No.(s)  tached? Yes No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                             | 6. Total number of applications and patents involved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Name:Larry W. Stults                                                                                                        | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Internal Address: Syngenta Biotechnology, Inc.                                                                              | Authorized to be charged by credit card                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Street Address: 3054 Cornwallis Road                                                                                        | Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| City: Research Triangle Park                                                                                                | 8. Payment Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| State: NC Zip: 27709                                                                                                        | a. Credit Card Last 4 Numbers 8991 Expiration Date 4/06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Phone Number: 919-541-8614                                                                                                  | b. Deposit Account Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Fax Number: 919-541-8689                                                                                                    | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Email Address: bruce.vrana@syngenta.com                                                                                     | Authorized User Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 9. Signature: Signature                                                                                                     | Appel 5, 200 5 Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Bruce Vrana, Reg. No. 38.672                                                                                                | Total number of pages including cover                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Name of Person Signing

04/12/2005 ECOOPER 00000323 11072899 01 FC:8021

sheet, attachments, and documents:

## **ASSIGNMENT**

١,

Kevin Threlkeld

residing at

122 Golf View Drive Washington, IA 52353

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 my right, title and interest, which includes the right to and full benefit of such priorities as may now or hereafter be granted to me 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 non-US countries, in and to the invention entitled:

## SOYBEAN CULTIVAR M08851

invented by me and described in the following patent application:

United States Patent Application No. 11/072,899, filed on March 4, 2005

## including:

(1) said Patent Applications and all United States Patent Applications claiming the benefit of priority of said Patent Applications and all continuations, continuations-in-part and divisions thereof (including further continuations, continuations-in-part and divisions), (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 (2) all non-US Patent Applications claiming the benefit of priority of said Patent Applications including International Patent Applications and all National Stage Applications, which may be filed in the United States and/or any other countries, (including all continuations, divisions, derivations, further continuations and divisions, etc., of any such non-US Patent Applications), (i) all non-US Letters Patent which may be issued and/or granted on all such applications, and (ii) all non-US patents or other intellectual property rights (such as, but not limited to, utility models) derivable

1

PATENT REEL: 016444 FRAME: 0047 from said Patent Applications, United States Patent Applications and/or non-US Patent Applications in accordance with any applicable non-US laws or by treaty, said right, title and interest being the entire ownership of said invention and all of said Patent Applications, United States Patent Applications and non-US Patent Applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates, non-US Letters Patent, and non-US patent or other intellectual property rights derivable from said Patent Applications, United States Patent Applications and/or non-US Patent Applications 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, non-US Letters Patent, and patent or other intellectual property rights derivable from said Patent Applications, United States Patent Applications and/or non-US Patent Applications may be granted and/or issued, as fully and entirely as the same would have been held and enjoyed by me if this sale, assignment, and transfer had not been made;

And I 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, non-US Letters Patent, and non-US patent or other intellectual property rights derivable from said Patent Applications, United States Patent Applications and/or non-US Patent Applications 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, non-US Letters Patent, and non-US patent or other intellectual property rights derivable from said Patent Applications, United States Patent Applications and/or said non-US Patent Applications in Syngenta Participations AG and its successors and assigns.

And I hereby authorize Syngenta Participations AG and its successors and assigns to file in all PCT contracting states in its name one or more patent applications corresponding to or containing some or all of the subject matter described in said Patent Application(s) while claiming the priority of said Patent Applications in conformity with the dispositions of the International Convention. And I hereby authorize Syngenta Participations AG and its successors and assigns to file in any non-US country in its name one or more patent applications corresponding to or containing some or all of the subject matter described in said Patent Applications while claiming the priority of said Patent Applications in conformity with the intellectual property laws of that non-US country.

PATENT REEL: 016444 FRAME: 0048

Case No. 70637

Signed this 21 day of Manch, 2005

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Kevin Threlkeld

## FILING BY "FIRST CLASS MAIL" UNDER 37 § C.F.R. 1.8

I hereby certify that the following correspondence is being deposited with the United States Postal Service as "First Class Mail" with proper postage in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on April 5, 2005.

- 1) Recordation Form Cover Sheet (Form PTO-1595)
- 2) Assignment (3 pages total)
- 3) Credit Card Payment Form

RECORDED: 04/07/2005

4) Return Postcard

Melissa Hardy

Name

Melin Hardy Signature

> PATENT REEL: 016444 FRAME: 0050