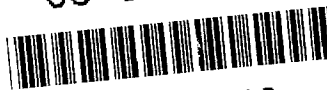


05-03-2005

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Novartis AG

Execution Date(s) 11/05/2004

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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2. Name and address of receiving party(ies)

Name: Syngenta Participations AG

Internal Address: _____

Street Address: Schwarzwaldallee 215

City: Basel

State: _____

Country: Switzerland

Zip: 4058

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

☐ This document is being filed together with a new application.

B. Patent No.(s)

5,585,540

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Larry W. Stults

Internal Address: Syngenta Biotechnology, Inc.

Street Address: 3054 Cornwallis Road

City: Research Triangle Park

State: NC

Zip: 27709

Phone Number: 919-765-5117

Fax Number: 919-541-8689

Email Address: edouard.lebel@syngenta.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
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4/27/2005
Date

Edouard G. Lebel, Ph.D., Reg. No. 43,742

Name of Person Signing

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PATENT
REEL: 016500 FRAME: 0332

ASSIGNMENT

NOVARTIS AG, a company organized under the laws of the Swiss Confederation, having a place of business at Lichtstrasse 35, Basel, Switzerland 4056,

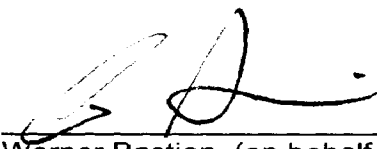
for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, hereby assigns to **Syngenta Participations AG**, a Swiss corporation, having a place of business at Schwarzwaldalle 215, Basel, Switzerland 4058, its successors, assigns and legal representatives, all right, title and interest, which includes the right to and full benefit of such priorities as may now or hereafter be granted by local laws or by treaty, including any international convention for the protection of industrial property, in and for the United States and its territories and possessions in and to the inventions described in the applications for United States Letters Patent


Atty. Docket No.	Application Ser. No.	Filing date	Patent No.	Issue date
135-1087	08/272,439	08/JUL/1994	5,530,181	25/JUN/1996
137-1061	08/32,235	17/MAR/1993		
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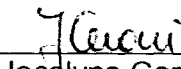
including (1) said applications for United States Letters Patent and all continuations and divisions thereof (including further continuations and divisions such as, but not limited to, continuations of continuations and divisions of continuations), (2) all United States Letters Patent which may be

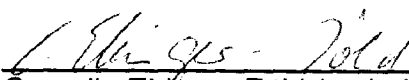
issued and/or granted on all such applications, (3) all applications for reissues and extensions of and reexamination certificates for all such United States Letters Patent and (4) all reissues and extensions and reexamination certificates issued for all such United States Letters Patent, the said interest being the entire ownership of said invention and all of said applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates to be held and enjoyed by the said assignee 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 may be granted and/or issued, as fully and entirely as the same would have been held and enjoyed by assignor if this sale, assignment and transfer had not been made;

And assignor hereby agrees 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 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 in said assignee.

Signed this 5th day of November , 2004 by 
Werner Bastian (on behalf of Novartis AG)

Signed this 5th day of November , 2004 by 
Ingo Hoelscher (on behalf of Novartis AG)

Signed this 5th day of November , 2004 by 
Jocelyne Ceroni (on behalf of Syngenta Participations AG)

Signed this 5th day of November, 2004 by 
Cornelia Ebinger-Zöld (on behalf of Syngenta Participations AG)