

04-18-2002

OMB No. 0651-0011 (exp. 4/94)



102059568

To the Honorable Commissioner of Patents and Trademarks

the attached original documents or copy thereof.

1. Name of conveying party(ies):

Nadine B. Carozzi

4-9-02

2. Name and address of receiving party(ies)

Name: Syngenta Investment Corporation

Internal Address:

Street Address: 2200 Concord Pike

City: Wilmington State: Delaware ZIP: 19803

Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Dates: February 22, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s): 5,625,136; 6,320,100; 5,589,336;
6,018,104; 6,051,760; 6,075,185Additional numbers attached? ☐ Yes ☒ No

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

Name: Larry W. Stults

Internal Address: Syngenta Biotechnology, Inc.

Patent and Trademark Dept.

Street Address: 3054 Cornwallis Road

City: RTP State: NC ZIP: 27709

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 240

☒ Enclosed (See PTO Form 2038)☒ Authorized to be charged to deposit account any additional fees required.

8. Deposit account number:

50-1744 (in the name of Syngenta)

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory W. Warren

Name of Person Signing

Reg. No. 48,385

Gregory W. Warren

Signature

04/02/02

Date

☒ Certificate of mailing on reverse side

Total number of pages including cover sheet, attachments, and document: 14

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

04/18/2002 DBYRNE 00000028 5625136

01 FC:581

40.00

PATENT

REEL: 12785 FRAME: 0640

ASSIGNMENT

I,

Nadine B. Carozzi residing at 8308 Meadow Ridge Court
Raleigh, North Carolina 27615,

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to **Syngenta Investment Corporation**, a company organized under the laws of the state of Delaware, having a place of business at 2200 Concord Pike, Wilmington, Delaware 19803, 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 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 invention entitled:

SYNTHETIC DNA SEQUENCE HAVING ENHANCED ACTIVITY IN MAIZE

invented by me and described in the application for United States Letters Patent

Application No. 07/951,715, filed September 25, 1992, Now issued
as U.S. Patent 5,625,136 on April 29, 1997

including (1) said application 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 Syngenta Investment Corporation 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 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 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 22 day of Feb , 2002 by Nadine B. Carozzi
Nadine B. Carozzi

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SYNTHETIC DNA SEQUENCES HAVING ENHANCED INSECTICIDAL ACTIVITY IN MAIZE

invented by me and described in the application for United States Letters Patent

Application No. 08/547,422, filed April 11, 2000, Now issued
as U.S. Patent 6,320,100 on November 20, 2001

including (1) said application 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 Syngenta Investment Corporation 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 me if this sale, assignment and transfer had not been made;

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SYNTHETIC DNA SEQUENCE HAVING ENHANCED ACTIVITY IN MAIZE

invented by me and described in the application for United States Letters Patent

Application No. 08/459,448, filed June 2, 1995, Now issued
as U.S. Patent 5,859,336 on January 12, 1999

including (1) said application 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 Syngenta Investment Corporation 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 me if this sale, assignment and transfer had not been made;

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Nadine B. Carozzi

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**NUCLEIC ACID PROMOTER FRAGMENT ISOLATED FROM A PLANT TRYPTOPHAN
SYNTHASE ALPHA SUBUNIT (TRPA) GENE**

invented by me and described in the application for United States Letters Patent

Application No. 08/459,595, filed June 2, 1995, Now issued
as U.S. Patent 6,018,104 on January 25, 2000

including (1) said application 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 Syngenta Investment Corporation 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 me if this sale, assignment and transfer had not been made;

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SYNTHETIC DNA SEQUENCE HAVING ENHANCED ACTIVITY IN MAIZE

invented by me and described in the application for United States Letters Patent

Application No. 08/460,408, filed June 2, 1995, Now issued
as U.S. Patent 6,051,760 on April 18, 2000

including (1) said application 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 Syngenta Investment Corporation 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 me if this sale, assignment and transfer had not been made;

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SYNTHETIC DNA SEQUENCE HAVING ENHANCED INSECTICIDAL ACTIVITY IN MAIZE

invented by me and described in the application for United States Letters Patent

Application No. 08/459,504, filed June 2, 1995, Now issued
as U.S. Patent 6,075,185 on June 13, 2000

including (1) said application 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 Syngenta Investment Corporation 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 me if this sale, assignment and transfer had not been made;

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