



101032394

To the Honorable Commissioner of Patents and Trademarks, Patent and Trademark Office, Washington, D.C. 20503

Send original documents or copy thereof.

1. Name of conveying party(ies):

Marie Mannerloef (A)
Paul Peter Tenning (B)
Per Steen (C)

5.6.99

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

3. Nature of conveyance:

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

Execution Date: (A) 19-4-99; (B) 27-4-99; (C) 21-4-99

2. Name and address of receiving party(ies)

Name: Novartis AG

Internal Address: _____

Street Address: Schwarzwaldallee 215

City: Basel State: Switzerland ZIP: 4058

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

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)
09/182,117

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Thomas Hoxie
Internal Address: Novartis Corporation
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) \$ 40

- ☐ Enclosed
☒ Authorized to be charged to deposit account and any other additional fees required.

8. Deposit account number:

19-0134 (in the name of Novartis Corporation)

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

05/10/1999 JSHABAZZ 00000309 190134 09182117

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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.

Thomas Hoxie
Name of Person Signing
Reg. No. 32,993

Signature

May 3, 1999
Date

☒ Certificate of mailing on reverse side

Total number of pages including cover sheet, attachments, and document: 7

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

ASSIGNMENT

We,

Marie Mannerloef	residing at	Per Eskils Gata 6 Helsingborg 25656 Sweden
Paul Peter Tenning	residing at	Per Eskils Gata 6 Helsingborg 25656 Sweden
Per Steen	residing at	Aastrupveg 30 Stubbekoebing 4850 Sweden,

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to **Novartis 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 our 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 local laws or by treaty, including any international convention for the protection of industrial property, in and for all countries of the world except the United States and its territories and possessions in and to the invention entitled:

TRANSGENIC PLANTS

invented by us and described in the application for United States Letters Patent all applications for Letters Patent therefor in all countries and territories of the world except the United States and its territories and possessions (including all applications for continuations and divisions of such applications and all applications for modifications and extensions of such applications and Letters Patent issuing thereon) and all Letters Patent which may be granted and/or issued therefor in all of said countries and territories (including all modifications and extensions thereof and supplemental protection certificates relating thereto), the said interest being the entire ownership of said invention and all of said applications and Letters Patent when granted and/or issued, to be held and enjoyed by the said Novartis AG and its successors and assigns to the full end of the terms to which said Letters Patent 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 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 day of , 1999 by Marie Mannerloef

Signed this 27 day of April , 1999 by Paul Peter Tenning
Paul Peter Tenning

Signed this day of , 1999 by Per Steen

ASSIGNMENT

We,

Marie Mannerloef	residing at	Per Eskils Gata 6 Helsingborg 25656 Sweden
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Paul Peter Tenning residing at Per Eskils Gata 6
Helsingborg 25656
Sweden

connected 2 1/4 / 99

Per Steen residing at Aastrupvej 30 AASTRUPVEJ 30
Stubbekoebing 4850
~~Sweden,~~ DENMARK

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to **Novartis 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 our 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 local laws or by treaty, including any international convention for the protection of industrial property, in and for all countries of the world except the United States and its territories and possessions in and to the invention entitled:

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invented by us and described in the application for United States Letters Patent all applications for Letters Patent therefor in all countries and territories of the world except the United States and its territories and possessions (including all applications for continuations and divisions of such applications and all applications for modifications and extensions of such applications and Letters Patent issuing thereon) and all Letters Patent which may be granted and/or issued therefor in all of said countries and territories (including all modifications and extensions thereof and supplemental protection certificates relating thereto), the said interest being the entire ownership of said invention and all of said applications and Letters Patent when granted and/or issued, to be held and enjoyed by the said Novartis AG and its successors and assigns to the full end of the terms to which said Letters Patent 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 all of said applications for Letters Patent in all countries and territories of the world except the United States and its territories and possessions for the above-identified invention and/or the granting and/or issuance of all of said Letters Patent and/or to otherwise secure title to said invention and all of said applications and Letters Patent in said assignee.

Signed this day of , 1999 by _____
Marie Mannerloef

Signed this day of , 1999 by _____
Paul Peter Tenning

Signed this *21.* day of *April* , 1999 by _____
Per Steen

ASSIGNMENT

We,

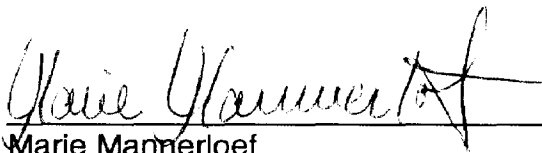
Marie Mannerloef	residing at	Per Eskils Gata 6 Helsingborg 25656 Sweden
Paul Peter Tenning	residing at	Per Eskils Gata 6 Helsingborg 25656 Sweden
Per Steen	residing at	Aastrupveg 30 Stubbekoebing 4850 Sweden,

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to **Novartis 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 our 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 local laws or by treaty, including any international convention for the protection of industrial property, in and for all countries of the world except the United States and its territories and possessions in and to the invention entitled:

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invented by us and described in the application for United States Letters Patent all applications for Letters Patent therefor in all countries and territories of the world except the United States and its territories and possessions (including all applications for continuations and divisions of such applications and all applications for modifications and extensions of such applications and Letters Patent issuing thereon) and all Letters Patent which may be granted and/or issued therefor in all of said countries and territories (including all modifications and extensions thereof and supplemental protection certificates relating thereto), the said interest being the entire ownership of said invention and all of said applications and Letters Patent when granted and/or issued, to be held and enjoyed by the said Novartis AG and its successors and assigns to the full end of the terms to which said Letters Patent 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 all of said applications for Letters Patent in all countries and territories of the world except the United States and its territories and possessions for the above-identified invention and/or the granting and/or issuance of all of said Letters Patent and/or to otherwise secure title to said invention and all of said applications and Letters Patent in said assignee.

Signed this 19 day of April, 1999 by 
Marie Mannerloef

Signed this _____ day of _____, 1999 by _____
Paul Peter Tenning

Signed this _____ day of _____, 1999 by _____
Per Steen