



To the Honorable Commissioner of Patents and Trademarks **101010963**

attached original documents or copy thereof.

69-101010963

1. Name of conveying party(ies):
Peter Philippsen, Rainer Pöhlmann, Sabine
Steiner-Lange, Christine Mohr, Jürgen
Wendland, Philipp Knechtle, Corinne
Rebischung

2. Name and address of receiving party(ies)
Name: Novartis AG
Internal Address: _____

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: Schwarzwaldallee 215
City: Basel State: Switzerland ZIP: CH-4058

Execution Date: _____

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)
08/998,416

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: Research Triangle Park State: NC ZIP: 27709-2257

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)

04/14/1999 DNGUYEN 00000113 190134 08998416

01 FC:581 40.00 CH

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.

J. Timothy Meigs
Name of Person Signing
Reg. No. 38,241

J. Timothy Meigs
Signature

6-April-1999
Date

Certificate of mailing on reverse side

Total number of pages including cover sheet, attachments, and document: 4

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

ASSIGNMENT

We,

Peter Philippsen	residing at	Mühlestiegstrasse 28 Rheintalweg 73 4125 Riehen CH
Rainer Pöhlmann	residing at	Feldbergstrasse 14 79539 Lörrach DE
Sabine Steiner-Lange <i>Sabine Lange</i>	residing at	Agnesstrasse 6 53225 Bonn DE
Christine Mohr	residing at	^{153 Mohr} Baselmattweg 168 4123 Allschwil CH
Jürgen Wendland	residing at	Neue Heimat Weg 8A 79540 Lörrach DE
Philipp Knechtle	residing at	Vorderbergstrasse 63 4104 Oberwil CH
Corinne Rebischung	residing at	4 rue du Rhin 5 rue de la Paix 68300 Saint-Louis FR,

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 the United States and its territories and possessions in and to the invention entitled:


Genomic DNA Sequences of *Ashbya gossypii* and Uses Thereof

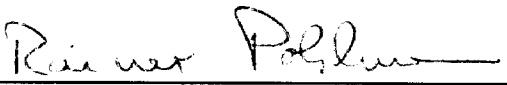
invented by us and described in the application for United States Letters Patent

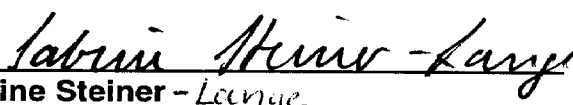
Application No. 08/998,416, filed December 24, 1997,

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 Novartis 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 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 23rd day of April, 1998 by 
Peter Philippsen

Signed this 25th day of May, 1998 by 
Rainer Pöhlmann

Signed this 28th day of April, 1998 by 
Sabine Steiner-Lange
Steiner-Lange

Signed this 24th day of April, 1998 by Christi Mohr
Christine Mohr

Signed this 8th day of May, 1998 by Jürgen Wendland
Jürgen Wendland

Signed this 29th day of April, 1998 by Philipp Knechtle
Philipp Knechtle

Signed this 7th day of May, 1998 by Corinne Rebischung
Corinne Rebischung