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To the Honorable Commissioner of Patents and T.

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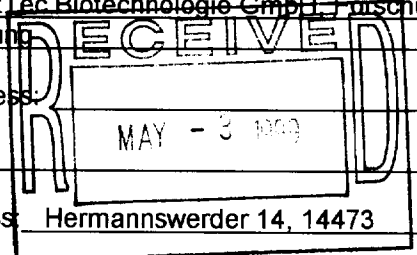
ial documents or copy thereof.

1. Name of conveying party(ies):
 Jens Kossmann
 Lothar Willmitzer
 Michael Emmermann

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

2. Name and address of receiving party(ies)
 Name: Plantec Biotechnologie GmbH, Forschung und Entwicklung
 Internal Address: _____
 Street Address: Hermannswerder 14, 14473
 City: Potsdam Country: Germany ZIP: _____

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



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

Execution Date(s): February 25, 1999
February 26, 1999
February 28, 1999

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date(s) of the application is/are: _____

and the attorney docket number is: _____

A. Patent Application No.(s) USSN 09/148,680	B. Patent No.(s)
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Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: James F. Haley, Jr., Esq.
 Internal Address: _____

~~05/17/1999 INQUIRY 00000037 09148680~~
 01 FC:581 40.00 OP

Street Address: c/o Fish & Neave
1251 Avenue of the Americas
 City: New York State: NY ZIP: 10020-1104


6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed Authorized to be charged to deposit account
 Charge excess/credit overpayment to deposit account

8. Deposit account number:
06-1075
 (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.

Elinor K. Shin 
 Name of Person Signing Signature Date: April 29, 1999

(Reg. No. 43,117) Total number of pages including cover sheet, attachments, and document: 3

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

Assignment

SERIAL NO. 09/148,680

FILED _____

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged,

KOSSMANN, Jens

WILLMITZER, Lothar

EMMERMANN, Michael

Insert Name(s)
of Inventor(s)

(hereinafter designated as the undersigned) hereby sell(s) and assign(s) to
PlantTec Biotechnologie GmbH, Forschung und Entwicklung,

Insert Name
of Assignee

Address of
Assignee

Hermannswerder 14, 14473 Potsdam, Germany

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee), their entire right, title and interest in the invention or improvements in

Nucleic Acid Molecules Coding For Debranching

Title of
Invention

Enzymes From Maize

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Date of Signing
of Application

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or letters patent or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

PATENT
REEL: 9943 FRAME: 0921

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

X Date 26.2.1999 , Name of Inventor Jens KOSSMANN X

X Date 28/2/1999 , Name of Inventor Lothar WILLMITZER X

X Date 25.2.99 , Name of Inventor Michael EMMERMANN X

Date _____ , Name of Inventor _____

Date _____ , Name of Inventor _____

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who sign here.)

Witness Jens Duff (Jens Kossmann, Chausseestr 44a, 14105 Berlin)

Witness Ulrich Zschal (Ulrich Landschütze, Landeschützenweg 51, 12205 Berlin)

Witness Jens Duff (Jens Kossmann, Chausseestr 44a, 14105 Berlin)

ACKNOWLEDGMENT

_____ }

On this _____ day of _____, 19____, before me
personally appeared the above-named _____

to me personally known to be the individual(s) who executed the foregoing assignment, who did
acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set
forth.

Witness my hand and seal the day and year last above given.

Official Signature

(SEAL)