

FORM PTO-1595  
(Rev. 6-93)

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Patent and Trademark Office

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

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

(A) Irvin J. Mettler

(B) David Mies

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: 4058

Execution Date: (A) May 18, 1999; (B) May 24, 1999

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

respectively

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)

09/329,169

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Larry W. Stults, Ph.D.

Internal Address: Novartis Agribusiness Biotechnology Research Inc.

Patent and Trademark Dept.

Street Address: 3054 Cornwallis Road

City: Durham 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)

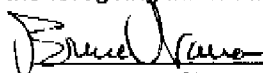
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9. Statement and signature.

*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.*

Bruce Vrana

Name of Person Signing  
Reg. No. 38672



Signature

October 16, 2000

Date

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PATENT

Washington, D.C. 20231

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U.S.A.  
Case S-135-2015F

ASSIGNMENT

We,

Irvin J. Mettler	residing at	3757 Morningside Drive Richmond, California 94803
David Mies	residing at	2141 County Road 1400 North Street St. Joseph, Illinois 61873,

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:

**INBRED MAIZE LINE 2227BT**

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

Application No. TBA, filed on even date herein,

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;

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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 *18* day of *may*, 1999 by *Irvin J. Mettler*  
Irvin J. Mettler

Signed this *24<sup>th</sup>* day of *May*, 1999 by *David Mies*  
David Mies