09-19-2002 Form PTO-1595 (Adapted) U.S. DEPARTMENT OF COMMERCE 3-13-96 Patent & Trademark Office EET 102226396

The attached original documents or copy thereof. To the Honorable Commissioner of Pa Name of conveying party(ies): 2. Name and Address of receiving party(ies): Volker Mittendorf 9.16.02 Heiko A. Haertel Name: BASF Plant Science GmbH Petra Cirpus Additional name(s) of conveying party(ies) attached? City: Ludwigshafen Yes ⊠ No Zip: D-67056 3. Nature of conveyance: Country: Assignment Merger Germany Security Agreement Change of Name Other Additional name(s) & address(es) attached? Yes No Execution date(s) of each conveying party: Volker Mittendorf July 16, 2002 Heiko A. Haertel July 16, 2002 Petra Cirpus July 22, 2002 4(a). Patent Application No.(s): 10/171,404 Patent No.(s): If this document is being filed together with a new application, the execution date of the application is: Additional numbers attached? Yes No Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning this document should be mailed: Lisa M. Cobern Name: Total fee (37 C.F.R. §3.41) enclosed: \$ 40.00 SUTHERLAND ASBILL & BRENNAN LLP Address: 999 Peachtree Street, NE Atlanta, Georgia 30309-3996 DO NOT USE THIS SPACE 8. 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. I certify that this correspondence is being deposited with the United States Postal Service as first class mail in an addressed to: Box Assignments, Commissioner of Patents & Trademarks, Washington, DC 20231, on the date given below. LISA M. COBERN Date: September 11, 2002 Total number of pages including Signature cover sheet: 7 Attorney Docket No. 16313-0119 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks **Box Assignments** 09/18/2002 LMELLER 00000095 10171404 Washington, DC 20231 40.00 OP 01 FC:581

AO 765246.1

ASSIGNMENT

WHEREAS, we, Volker Mittendorf a citizen of Germany, residing at 2 Crestbury Court,

Durham, North Carolina 27713; Heiko A. Haertel a citizen of Germany, residing at 1508

Woodway Club Drive, Apt. 1031, Durham, North Carolina 27713; and Petra Cirpus a citizen of

Germany, residing at Landteilstr. 12, 68163, Mannheim, Germany, have invented certain

inventions and improvements disclosed in an application for Letters Patent entitled "Sugar and

Lipid Metabolism Regulators in Plants II" that was filed in the United States Patent and

Trademark Office on June 4, 2002, assigned U.S. Non-Provisional Patent Application Number

10/171,404, and on June 4, 2002, assigned U.S. PCT Application Serial No.

No. PCT/US02/17937.

WHEREAS, BASF Plant Science GmbH, a corporation of Germany having a

principal place of business at D-67056 Ludwigshafen, Germany, is desirous of acquiring an

interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and

sufficiency of which I hereby acknowledge, I, Volker Mittendorf, by these presents do sell,

assign and transfer unto BASF Plant Science GmbH the full, exclusive and entire right, title,

and interest in and to said application, and in and to all inventions and improvements disclosed

and described in said application;

For the same consideration, we, by these presents do sell, assign, and transfer to

BASF Plant Science GmbH the full, exclusive, and entire right, title and interest in and to any

foreign application or applications based on or claiming the benefit of said application, in whole

or in part, in countries other than the united States, in and to any Letters Patent and similar

protective rights granted on said foreign applications, and in and to the right to claim any

applicable priority rights arising from or required for said foreign applications under the terms of

any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed

REEL: 013290 FRAME: 0246

Assignment U.S.S.N. 10/171,404 and PCT/US02/17937

and issued in the name of BASF Plant Science GmbH or its designee insofar as permitted by

applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all

non-provisional applications and other applications, make all assignments and rightful oaths, and

generally do everything possible to aid BASF Plant Science GmbH its successors, assigns, and

nominees, to obtain and enforce proper protection for all said inventions and improvements in all

countries throughout the world.

Date: 3/16/02

V. m Therdw/
Volker Mittendorf

Docket No.:

16313-0119

ASSIGNMENT

WHEREAS, we, Volker Mittendorf a citizen of Germany, residing at 2 Crestbury Court, Durham, North Carolina 27713; Heiko A. Haertel a citizen of Germany, residing at 1508 Woodway Club Drive, Apt. 1031, Durham, North Carolina 27713; and **Petra Cirpus** a citizen of Germany, residing at Landteilstr. 12, 68163, Mannheim, Germany, have invented certain inventions and improvements disclosed in an application for Letters Patent entitled "Sugar and Lipid Metabolism Regulators in Plants II" that was filed in the United States Patent and Trademark Office on June 4, 2002, assigned U.S. Non-Provisional Patent Application Number June 4, 2002. assigned U.S. PCT Application Serial No. 10/171,404, and on No. PCT/US02/17937.

WHEREAS, **BASF Plant Science GmbH**, a corporation of Germany having a principal place of business at D-67056 Ludwigshafen, Germany, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, Heiko A. Haertel, by these presents do sell, assign and transfer unto BASF Plant Science GmbH the full, exclusive and entire right, title, and interest in and to said application, and in and to all inventions and improvements disclosed and described in said application;

For the same consideration, we, by these presents do sell, assign, and transfer to BASF Plant Science GmbH the full, exclusive, and entire right, title and interest in and to any foreign application or applications based on or claiming the benefit of said application, in whole or in part, in countries other than the united States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed

REEL: 013290 FRAME: 0248

Assignment U.S.S.N. 10/171,404 and PCT/US02/17937

and issued in the name of BASF Plant Science GmbH or its designee insofar as permitted by

applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all

non-provisional applications and other applications, make all assignments and rightful oaths, and

generally do everything possible to aid BASF Plant Science GmbH its successors, assigns, and

nominees, to obtain and enforce proper protection for all said inventions and improvements in all

countries throughout the world.

Date: 07/16/2002

Heiko A. Haertel

lik. la lel

Docket No.: 16313-0119

ASSIGNMENT

WHEREAS, we, Volker Mittendorf a citizen of Germany, residing at 2 Crestbury Court,

Durham, North Carolina 27713; Heiko A. Haertel a citizen of Germany, residing at 1508

Woodway Club Drive, Apt. 1031, Durham, North Carolina 27713; and Petra Cirpus a citizen of

Germany, residing at Landteilstr. 12, 68163, Mannheim, Germany, have invented certain

inventions and improvements disclosed in an application for Letters Patent entitled "Sugar and

Lipid Metabolism Regulators in Plants II" that was filed in the United States Patent and

Trademark Office on June 4, 2002, assigned U.S. Non-Provisional Patent Application Number

10/171,404, and on June 4, 2002, assigned U.S. PCT Application Serial No.

No. PCT/US02/17937.

WHEREAS, BASF Plant Science GmbH, a corporation of Germany having a

principal place of business at D-67056 Ludwigshafen, Germany, is desirous of acquiring an

interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and

sufficiency of which I hereby acknowledge, I, Petra Cirpus, by these presents do sell, assign and

transfer unto BASF Plant Science GmbH the full, exclusive and entire right, title, and interest in

and to said application, and in and to all inventions and improvements disclosed and described in

said application;

For the same consideration, we, by these presents do sell, assign, and transfer to

BASF Plant Science GmbH the full, exclusive, and entire right, title and interest in and to any

foreign application or applications based on or claiming the benefit of said application, in whole

or in part, in countries other than the united States, in and to any Letters Patent and similar

protective rights granted on said foreign applications, and in and to the right to claim any

applicable priority rights arising from or required for said foreign applications under the terms of

any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed

Assignment U.S.S.N. 10/171,404 and PCT/US02/17937

and issued in the name of BASF Plant Science GmbH or its designee insofar as permitted by

applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all

non-provisional applications and other applications, make all assignments and rightful oaths, and

generally do everything possible to aid BASF Plant Science GmbH its successors, assigns, and

nominees, to obtain and enforce proper protection for all said inventions and improvements in all

countries throughout the world.

Date: 22 / 11/4, 2002

Docket No.:

16313-0119

REEL: 013290 FRAME: 0251