

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Volker Mittendorf</td> <td>02/16/2002</td> </tr> <tr> <td>Heiko A. Haertel</td> <td>07/16/2002</td> </tr> <tr> <td>Petra Cirpus</td> <td>07/22/2002</td> </tr> </tbody> </table>		Name	Execution Date	Volker Mittendorf	02/16/2002	Heiko A. Haertel	07/16/2002	Petra Cirpus	07/22/2002				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>BASF Plant Science GmbH</td> </tr> <tr> <td>Street Address:</td> <td>---</td> </tr> <tr> <td>Internal Address:</td> <td>---</td> </tr> <tr> <td>City:</td> <td>Ludwigshafen</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>D-67056</td> </tr> </table>		Name:	BASF Plant Science GmbH	Street Address:	---	Internal Address:	---	City:	Ludwigshafen	State/Country:	GERMANY	Postal Code:	D-67056
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CORRESPONDENCE DATA													
<p>Fax Number: (302)658-5614</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 302-658-9141</p> <p>Email: dsciarra@cblh.com</p> <p>Correspondent Name: Roberte M. D. Makowski, Ph.D.</p> <p>Address Line 1: 1007 North Orange Street</p> <p>Address Line 2: P.O. Box 2207</p> <p>Address Line 4: Wilmington, DELAWARE 19899</p>													
ATTORNEY DOCKET NUMBER:	12810-00594												
NAME OF SUBMITTER:	Roberte M.D. Makowski, Ph.D.												
Total Attachments: 6													

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**PATENT**  
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## ASSIGNMENT

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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 Landteilst. 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

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: 7/16/02

V. Mittendorf  
Volker Mittendorf

Docket No.: 16313-0119

## ASSIGNMENT

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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 Landteilst. 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.

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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

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Date: 07/16/2002

  
\_\_\_\_\_  
Heiko A. Haertel

Docket No.: 16313-0119

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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

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Date: 22 July 2002

Petra Cirpus  
Petra Cirpus

Docket No.: 16313-0119