

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Herbert WACHTEL</td> <td>01/10/2007</td> </tr> <tr> <td>Jochen ZIEGLER</td> <td>01/13/2007</td> </tr> <tr> <td>Dieter HOCHRAINER</td> <td>01/17/2007</td> </tr> <tr> <td>Georg BOECK</td> <td>01/22/2007</td> </tr> <tr> <td>Hubert HOELZ</td> <td>01/09/2007</td> </tr> <tr> <td>Christian SCHEFFLER</td> <td>01/17/2007</td> </tr> <tr> <td>Christoph KREHER</td> <td>01/12/2007</td> </tr> </tbody> </table>		Name	Execution Date	Herbert WACHTEL	01/10/2007	Jochen ZIEGLER	01/13/2007	Dieter HOCHRAINER	01/17/2007	Georg BOECK	01/22/2007	Hubert HOELZ	01/09/2007	Christian SCHEFFLER	01/17/2007	Christoph KREHER	01/12/2007
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Christian SCHEFFLER	01/17/2007																
Christoph KREHER	01/12/2007																
RECEIVING PARTY DATA																	
Name:	Boehringer Ingelheim International GmbH																
Street Address:	Binger Strasse 173																
City:	Ingelheim																
State/Country:	GERMANY																
Postal Code:	55216																
PROPERTY NUMBERS Total: 1																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11551881</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11551881												
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Application Number:	11551881																
CORRESPONDENCE DATA																	
Fax Number:	(203)798-4408																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	203-798-9988																
Email:	anthony.bottino@boehringer-ingelheim.com																
Correspondent Name:	Boehringer Ingelheim USA Corporation																
Address Line 1:	900 Ridgebury Road																
Address Line 2:	P.O. Box 368																
Address Line 4:	Ridgefield, CONNECTICUT 06877																
ATTORNEY DOCKET NUMBER:	01-1613-1-CIP-1																

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PATENT
REEL: 021260 FRAME: 0155

NAME OF SUBMITTER:

Anthony P. Bottino

Total Attachments: 5

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned ("the Assignors"):

Applicant Authority Type:: Inventor
Primary Citizenship Country:: GERMANY
Status:: Full Capacity
Given Name:: Herbert
Family Name:: WACHTEL
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Country of mailing address:: GERMANY
Postal or Zip Code of mailing address:: 55218

Applicant Authority Type:: Inventor
Primary Citizenship Country:: GERMANY
Status:: Full Capacity
Given Name:: Jochen
Family Name:: ZIEGLER
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Country of Residence:: GERMANY
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City of mailing address:: Heidelberg
Country of mailing address:: GERMANY
Postal or Zip Code of mailing address:: 69123

Applicant Authority Type:: Inventor
Primary Citizenship Country:: GERMANY
Status:: Full Capacity
Given Name:: Dieter
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Country of Residence:: GERMANY
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City of mailing address:: Schmallenberg
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Applicant Authority Type:: Inventor
Primary Citizenship Country:: GERMANY
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Country of Residence:: GERMANY
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Country of mailing address:: GERMANY
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Applicant Authority Type:: Inventor
Primary Citizenship Country:: GERMANY
Status:: Full Capacity
Given Name:: Hubert
Family Name:: HOELZ
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Country of Residence:: GERMANY
Street of mailing address:: Am Sonnenhang
City of mailing address:: Oberheimbach
Country of mailing address:: GERMANY
Postal or Zip Code of mailing address:: 55413

Applicant Authority Type:: Inventor
Primary Citizenship Country:: GERMANY
Status:: Full Capacity
Given Name:: Christian
Family Name:: SCHEFFER
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Country of Residence:: GERMANY
Street of mailing address:: Binger Strasse 50
City of mailing address:: Ingelheim
Country of mailing address:: GERMANY
Postal or Zip Code of mailing address:: 55218

Applicant Authority Type:: Inventor
Primary Citizenship Country:: GERMANY
Status:: Full Capacity
Given Name:: Christoph
Family Name:: KREHER
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Country of Residence:: GERMANY
Street of mailing address:: Eisenacher Str. 26a
City of mailing address:: Ingelheim
Country of mailing address:: GERMANY
Postal or Zip Code of mailing address:: 55218

hereby sell, assign and transfer to Boehringer Ingelheim International GmbH, a corporation of the Federal Republic of Germany, having a place of business at Binger Strasse 173, 55216 Ingelheim, Federal Republic of Germany, its successors, assigns and legal representatives (collectively "the Assignee"), our entire right, title and interest, including all rights of priority, in and to the application for United States Letters Patent which is entitled:

Measuring Particle Size Distribution in Pharmaceutical Aerosols ("the Application")
which

was executed by the Assignors on

was filed on October 23, 2006, and accorded Serial No.: 11/551,881

and any and all improvements which are disclosed in the Application ("the Improvements") and all provisional, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or any other country on any of the Improvements, and in and to all original and reissued patents which have been or shall be issued in the United States or any other country on the Improvements;

Agree that the Assignee may apply for and receive Letters Patent for the Improvements in its own name or in Assignors' names, and that, when requested, without charge to but at the expense of the Assignee to carry out in good faith the intent and purpose of this assignment, the Assignors will execute all provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all of the Improvements, execute all rightful oaths, assignments, powers of attorney, and other papers, communicate to the Assignee all facts known to the Assignors relating to the Improvements and the history thereof, participate and assist in any judicial or administrative proceedings concerning the Improvements, and generally do everything possible which the Assignee considers desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the Improvements and all applications for patents and all patents on the Improvements in the Assignee; and

Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property in the Improvements herein conveyed has been made to others by the Assignors, and that full right to convey the same as herein expressed is possessed by the Assignors.

SIGNATURE OF APPLICANT	DATE
Herbert WACHTEL <i>Herbert Wachtel</i>	Jan. 10, 2007
Jochen ZIEGLER	
Dieter HOCHRÄINER <i>Dieter Hochrainer</i>	Jan. 17 th , 2007
Georg BOECK	
Hubert HOELZ <i>Hubert Hoelz</i>	Jan. 9, 2007
SCHEFFLER <i>[Signature]</i> Christian SCHEFFER	Jan 17 th 2007
Christoph KREHER <i>Christoph Kreher</i>	Jan. 12, 2007

was filed on October 23, 2006, and accorded Serial No.: 11/551,881

and any and all improvements which are disclosed in the Application ("the Improvements") and all provisional, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or any other country on any of the Improvements, and in and to all original and reissued patents which have been or shall be issued in the United States or any other country on the Improvements;

Agree that the Assignee may apply for and receive Letters Patent for the Improvements in its own name or in Assignors' names, and that, when requested, without charge to but at the expense of the Assignee to carry out in good faith the intent and purpose of this assignment, the Assignors will execute all provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all of the Improvements, execute all rightful oaths, assignments, powers of attorney, and other papers, communicate to the Assignee all facts known to the Assignors relating to the Improvements and the history thereof, participate and assist in any judicial or administrative proceedings concerning the Improvements, and generally do everything possible which the Assignee considers desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the Improvements and all applications for patents and all patents on the Improvements in the Assignee; and

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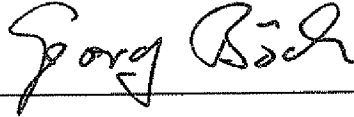
SIGNATURE OF APPLICANT	DATE
Herbert WACHTEL	
Jochen ZIEGLER <i>Jochen Ziegler</i>	<i>January 13, 2007</i>
Dieter HOCHRÄINER	
Georg BOECK	
Hubert HOELZ	
Christian SCHEFFER	
Christoph KREHER	

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SIGNATURE OF APPLICANT	DATE
Herbert WACHTEL	
Jochen ZIEGLER	
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