

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Conveying Party Data - adding two new inventors previously recorded on Reel 024246 Frame 0064. Assignor(s) hereby confirms the Original Assignment Conveying Party is Alfred VON SCHUCKMANN.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Alfred VON SCHUCKMANN</td><td>09/13/2011</td></tr><tr><td>Dieter HOCHRAINER</td><td>09/12/2011</td></tr><tr><td>Hubert HOELZ</td><td>09/14/2011</td></tr></tbody></table>		Name	Execution Date	Alfred VON SCHUCKMANN	09/13/2011	Dieter HOCHRAINER	09/12/2011	Hubert HOELZ	09/14/2011		
Name	Execution Date										
Alfred VON SCHUCKMANN	09/13/2011										
Dieter HOCHRAINER	09/12/2011										
Hubert HOELZ	09/14/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Boehringer Ingelheim International GmbH</td></tr><tr><td>Street Address:</td><td>Binger Strasse 173</td></tr><tr><td>City:</td><td>Ingelheim am Rhein</td></tr><tr><td>State/Country:</td><td>FEDERAL REPUBLIC GERMANY</td></tr><tr><td>Postal Code:</td><td>55216</td></tr></table>		Name:	Boehringer Ingelheim International GmbH	Street Address:	Binger Strasse 173	City:	Ingelheim am Rhein	State/Country:	FEDERAL REPUBLIC GERMANY	Postal Code:	55216
Name:	Boehringer Ingelheim International GmbH										
Street Address:	Binger Strasse 173										
City:	Ingelheim am Rhein										
State/Country:	FEDERAL REPUBLIC GERMANY										
Postal Code:	55216										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12677555</td></tr></tbody></table>		Property Type	Number	Application Number:	12677555						
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Application Number:	12677555										
CORRESPONDENCE DATA											
Fax Number: (203)837-5616 Phone: 2037989988 Email: pat.farney@boehringer-ingelheim.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Boehringer Ingelheim Corporation Address Line 1: 900 Ridgebury Road Address Line 2: P. O. Box 368 Address Line 4: Ridgefield, CONNECTICUT 06877											
ATTORNEY DOCKET NUMBER:	01-2429										

501682852

PATENT
REEL: 027022 FRAME: 0949

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NAME OF SUBMITTER:

David L. Kershner

Total Attachments: 7

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ASSIGNMENT

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

Application Authority Type	Inventor
Primary Citizenship Country	DE
Status	Full Capacity
Given Name	Alfred
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Country of mailing address	DE
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Country of Residence	DE
Mailing address	Boehringer Ingelheim GmbH, Corporate Patents
City of mailing address	Ingelheim am Rhein
Country of mailing address	DE
Postal or Zip Code of mailing address	55216
Application Authority Type	Inventor
Primary Citizenship Country	DE
Status	Full Capacity
Given Name	Hubert
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Country of Residence	DE
Mailing address	Boehringer Ingelheim GmbH, Corporate Patents
City of mailing address	Ingelheim am Rhein
Country of mailing address	DE
Postal or Zip Code of mailing address	55216

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 am Rhein, Fed. 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:

INHALER DEVICE ("the Application")

which



was executed by the Assignors on

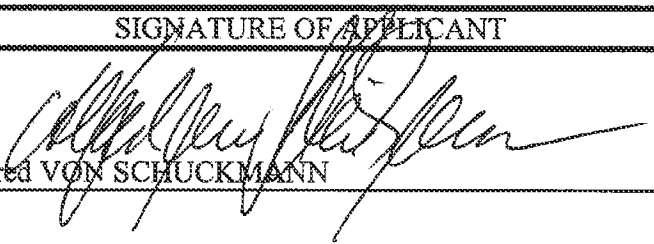


was deposited with the United States Patent and Trademark Office on March 11, 2010, and accorded Serial No.: 12/677,555.

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
 Alfred VON SCHUCKMANN	13/9/11
Dieter HOCHRAINER	
Hubert HOELZ	

ASSIGNMENT

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

Application Authority Type	Inventor
Primary Citizenship Country	DE
Status	Full Capacity
Given Name	Alfred
Family Name	VON SCHUCKMANN
City of Residence	Kevelaer
Country of Residence	DE
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City of mailing address	Kevelaer
Country of mailing address	DE
Postal or Zip Code of mailing address	47627
Application Authority Type	Inventor
Primary Citizenship Country	AT
Status	Full Capacity
Given Name	Dieter
Family Name	HOCHRAINER
City of Residence	Schmallenberg
Country of Residence	DE
Mailing address	Boehringer Ingelheim GmbH, Corporate Patents
City of mailing address	Ingelheim am Rhein
Country of mailing address	DE
Postal or Zip Code of mailing address	55216
Application Authority Type	Inventor
Primary Citizenship Country	DE
Status	Full Capacity
Given Name	Hubert
Family Name	HOELZ
City of Residence	Oberheimbach
Country of Residence	DE
Mailing address	Boehringer Ingelheim GmbH, Corporate Patents
City of mailing address	Ingelheim am Rhein
Country of mailing address	DE
Postal or Zip Code of mailing address	55216

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 am Rhein, Fed. 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:

INHALER DEVICE ("the Application")

which



☐ was executed by the Assignors on

☒ was deposited with the United States Patent and Trademark Office on March 11, 2010, and accorded Serial No.: 12/677,555.

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
Alfred VON SCHUCKMANN	
 Dieter HOCHRAINER	September 12, 2011
 Hubert HOELZ	September 14, 2011

TO:BOEHRINGER INGELHEIM CORP COMPANY:900 RIDGEBURY ROAD

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Alfred VON SCHUCKMANN	03/25/2010
RECEIVING PARTY DATA	
Name:	Boehringer Ingelheim International GmbH
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12677555
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	01-2429
NAME OF SUBMITTER:	David L. Kershner
Total Attachments: 2 source=01-2429-Signed-Assignment#page1.tif source=01-2429-Signed-Assignment#page2.tif	

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