

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>Andreas LANGSDORF</td><td>03/18/2010</td></tr> <tr><td>Juergen THUERK</td><td>03/17/2010</td></tr> <tr><td>Aurel KUNZ</td><td>03/22/2010</td></tr> <tr><td>Ulrich LANGE</td><td>03/17/2010</td></tr> <tr><td>Joachim KUESTER</td><td>03/18/2010</td></tr> <tr><td>Bernd LOEFFELBEIN</td><td>03/17/2010</td></tr> <tr><td>Marcus MEINEFELD</td><td>03/18/2010</td></tr> <tr><td>Uwe ROTHHAAR</td><td>03/18/2010</td></tr> <tr><td>Axel OHLINGER</td><td>03/18/2010</td></tr> </tbody> </table> | | Name | Execution Date | Andreas LANGSDORF | 03/18/2010 | Juergen THUERK | 03/17/2010 | Aurel KUNZ | 03/22/2010 | Ulrich LANGE | 03/17/2010 | Joachim KUESTER | 03/18/2010 | Bernd LOEFFELBEIN | 03/17/2010 | Marcus MEINEFELD | 03/18/2010 | Uwe ROTHHAAR | 03/18/2010 | Axel OHLINGER | 03/18/2010 |
| Name | Execution Date | | | | | | | | | | | | | | | | | | | | |
| Andreas LANGSDORF | 03/18/2010 | | | | | | | | | | | | | | | | | | | | |
| Juergen THUERK | 03/17/2010 | | | | | | | | | | | | | | | | | | | | |
| Aurel KUNZ | 03/22/2010 | | | | | | | | | | | | | | | | | | | | |
| Ulrich LANGE | 03/17/2010 | | | | | | | | | | | | | | | | | | | | |
| Joachim KUESTER | 03/18/2010 | | | | | | | | | | | | | | | | | | | | |
| Bernd LOEFFELBEIN | 03/17/2010 | | | | | | | | | | | | | | | | | | | | |
| Marcus MEINEFELD | 03/18/2010 | | | | | | | | | | | | | | | | | | | | |
| Uwe ROTHHAAR | 03/18/2010 | | | | | | | | | | | | | | | | | | | | |
| Axel OHLINGER | 03/18/2010 | | | | | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>Schott AG</td></tr> <tr><td>Street Address:</td><td>Hattenbergstr. 10</td></tr> <tr><td>City:</td><td>Mainz</td></tr> <tr><td>State/Country:</td><td>GERMANY</td></tr> <tr><td>Postal Code:</td><td>55122</td></tr> </table> | | Name: | Schott AG | Street Address: | Hattenbergstr. 10 | City: | Mainz | State/Country: | GERMANY | Postal Code: | 55122 | | | | | | | | | | |
| Name: | Schott AG | | | | | | | | | | | | | | | | | | | | |
| Street Address: | Hattenbergstr. 10 | | | | | | | | | | | | | | | | | | | | |
| City: | Mainz | | | | | | | | | | | | | | | | | | | | |
| State/Country: | GERMANY | | | | | | | | | | | | | | | | | | | | |
| Postal Code: | 55122 | | | | | | | | | | | | | | | | | | | | |
| 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>12700762</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12700762 | | | | | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | | | | | |
| Application Number: | 12700762 | | | | | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | | | | | |
| Fax Number: (248)641-0270 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 248-641-1600 Email: bhalabis@hdp.com Correspondent Name: Harness, Dickey & Pierce, P.L.C. Address Line 1: P.O. Box 828 Address Line 4: Bloomfield Hills, MICHIGAN 48303 | | | | | | | | | | | | | | | | | | | | | |

CH \$40.00 12700762

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PATENT
REEL: 024281 FRAME: 0572

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|---|----------------------|
| ATTORNEY DOCKET NUMBER: | 4965-000407 |
| NAME OF SUBMITTER: | Christopher M. Brock |
| <p>Total Attachments: 10</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> <p>source=Assignment#page3.tif</p> <p>source=Assignment#page4.tif</p> <p>source=Assignment#page5.tif</p> <p>source=Assignment#page6.tif</p> <p>source=Assignment#page7.tif</p> <p>source=Assignment#page8.tif</p> <p>source=Assignment#page9.tif</p> <p>source=Assignment#page10.tif</p> | |

US Attorney Docket No.: 4965-000407
BP Attorney Docket No.: 4823P186US - SG/da

ASSIGNMENT

The undersigned, hereinafter referred to collectively as Assignor, for good and valuable consideration, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer to:

Schott AG
Hattenbergstr. 10
55122 Mainz
Germany

a German Corporation (hereinafter referred to as Assignee), its successors, assigns and legal representatives, the entire right, title and interest in the United States in and to all subject matter invented by Assignor and disclosed and claimed in an application for Letters Patent of the United States of America

☐ executed on even date herewith (_____); or

☒ Serial No. 12/700,762, filed on February 5, 2010

entitled:

PRODUCTION OF A PHARMACEUTICAL CONTAINER FROM THE MELT

and signed by me/us on the date set forth below;

and in and to any and all divisions, reissues, continuations and extensions thereof.

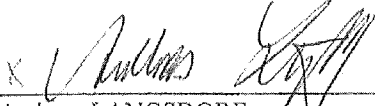
I/We hereby authorize and request that the Patent Office Officials in the United States issue any and all of said Letters Patent or similar documents, when granted, to said Assignee, as the Assignee of my/our entire right, title and interest in and to the same, for the sole use and enjoyment of said Assignee, its successors and assigns.

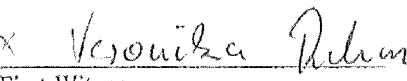
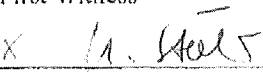
Further, I/we agree that I/we will communicate to said Assignee, or its representatives, any facts known to me/us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, substitutions, and renewal reexamination and reissue applications, execute all necessary Assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything necessary or desirable to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States.

The undersigned hereby authorizes the firm of HARNESS, DICKEY & PIERCE, P.L.C. Attorneys and Counselors to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the United States Patent Office.

In Testimony Whereof, I hereunto set my hand.

SIGNATURES

X 
Andreas LANGSDORF
X 18 March 2010
Dated

X 
First Witness
X 
Second Witness

X _____
Juergen THUERK
X _____
Dated

X _____
First Witness
X _____
Second Witness

X _____
Aurel KUNZ
X _____
Dated

X _____
First Witness
X _____
Second Witness

X _____
Ulrich LANGE
X _____
Dated

X _____
First Witness
X _____
Second Witness

X _____
Joachim KUESTER
X _____
Dated

X _____
First Witness
X _____
Second Witness

US Attorney Docket No.: 4965-000407
EP Attorney Docket No.: 4823P186US - SG/da

In Testimony Whereof, I hereunto set my hand.

SIGNATURES

X

Andreas LANGSDORF

X

Dated

X *Jürgen Th. Eick*

Jürgen THUERK

X *17.03.2010*

Dated

X

Aurel KUNZ

X

Dated

X

Ulrich LANGE

X

Dated

X

Joachim KUESTER

X

Dated

X

First Witness

X

Second Witness

X *Thomas Lecker*

First Witness

X *Mauro Geiber*

Second Witness

X

First Witness

X

Second Witness

X

First Witness

X

Second Witness

X

First Witness

X

Second Witness

US Attorney Docket No.: 4965-000407
EP Attorney Docket No.: 4823P186US - SG/da

In Testimony Whereof, I hereunto set my hand.

SIGNATURES

Andreas LANGSDORF

First Witness

Dated


Second Witness

Juergen THUERK

First Witness

Dated

Second Witness



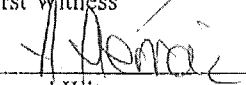
Aurel KUNZ



First Witness

22.03.2010

Dated



Second Witness

Ulrich LANGE

First Witness

Dated

Second Witness

Joachim KUESTER

First Witness

Dated

Second Witness

US Attorney Docket No.: 4965-000407
EP Attorney Docket No.: 4823P186US - SG/da

In Testimony Whereof, I hereunto set my hand.

SIGNATURES

X

Andreas LANGSDORF

X

Dated

X

Juergen THUERK

X

Dated

X

Aurel KUNZ

X

Dated

X *Ulrich Lange*

Ulrich LANGE

X *17.03.2010*

Dated

X

Joachim KUESTER

X

Dated

X

First Witness

X

Second Witness

X

First Witness

X

Second Witness

X

First Witness

X

Second Witness

X *W. Wahl*

First Witness

X *A. Beunberg*

Second Witness

X

First Witness

X

Second Witness

US Attorney Docket No.: 4965-000407
EP Attorney Docket No.: 4823P186US - SG/da

In Testimony Whereof, I hereunto set my hand.

SIGNATURES

X

Andreas LANGSDORF

X

Dated

X

Juergen THUERK

X

Dated

X

Aurel KUNZ

X

Dated

X

Ulrich LANGE

X

Dated

Joachim Kuester

Joachim KUESTER

X *3/18/2010*

Dated

X

First Witness

X

Second Witness

X

First Witness

X

Second Witness

X

First Witness

X

Second Witness

X

First Witness

X

Second Witness

Helmut Genuis

First Witness

X *Eric Toth*

Second Witness

US Attorney Docket No.: 4965-000407
EP Attorney Docket No.: 4823P186US - SG/da

Y B. Loeffelbein
Bernd LOEFFELBEIN
Y 2010-03-17
Dated

X
Marcus MEINEFELD
Y
Dated

X
Uwe ROTHHAAR
X
Dated

Y
Axel OHLINGER
Y
Dated

15366534.1

X Doris Moser
First Witness
Y Veronica Rehm
Second Witness

X
First Witness
Y
Second Witness

X
First Witness
X
Second Witness

X
First Witness
Y
Second Witness

US Attorney Docket No.: 4965-000407
EP Attorney Docket No.: 4823P186US - SG/da

✓
Bernd LOEFFELBEIN

✓
Dated

✗ *Marcus MINEFELD*
Marcus MINEFELD

✓ 18.03.2010
Dated

✗
Uwe ROTHHAAR

✗
Dated

✓
Axel OHLINGER

✓
Dated

✓
First Witness

✓
Second Witness

✗ *[Signature]*
First Witness

✓ *[Signature]*
Second Witness

✗
First Witness

✗
Second Witness

✗
First Witness

✓
Second Witness

15366534.1

US Attorney Docket No.: 4965-000407
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X

Bernd LOEFFELBEIN

X

Dated

X

Marcus MEINEFELD

X

Dated



Uwe ROTHHAAR

X *18 March 2010*

Dated

X

Axel OHLINGER

X

Dated

X

First Witness

X

Second Witness

X

First Witness

X

Second Witness



First Witness

X 

Second Witness

X

First Witness

X

Second Witness

15366534.1

US Attorney Docket No.: 4965-000407
EP Attorney Docket No.: 4823P186US - SG/da

X
Bernd LOEFFELBEIN

X
Dated

X
Marcus MEINEFELD

X
Dated

X
Uwe ROTHHAAR

X
Dated

X *Axel Ohlinger*
Axel OHLINGER

X *19.03.2010*
Dated

X
First Witness

X
Second Witness

X
First Witness

X
Second Witness

X
First Witness

X
Second Witness

[Signature]
First Witness

X *[Signature]*
Second Witness

15366534.1