

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Petra Schulz</td> <td>04/18/2013</td> </tr> <tr> <td>Rainer Pape</td> <td>04/18/2013</td> </tr> <tr> <td>Werner Gehringer</td> <td>04/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Petra Schulz	04/18/2013	Rainer Pape	04/18/2013	Werner Gehringer	04/18/2013		
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Werner Gehringer	04/18/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Octapharma AG</td> </tr> <tr> <td>Street Address:</td> <td>Seidenstrasse 2</td> </tr> <tr> <td>City:</td> <td>Lachen</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>CH-8853</td> </tr> </table>		Name:	Octapharma AG	Street Address:	Seidenstrasse 2	City:	Lachen	State/Country:	SWITZERLAND	Postal Code:	CH-8853
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 2023448300  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-344-4000          Email: jchall@venable.com          Correspondent Name: Venable LLP          Address Line 1: 575 7th Street, NW          Address Line 4: Washington, DISTRICT OF COLUMBIA 20004</p>											
ATTORNEY DOCKET NUMBER:	37998-343606										
NAME OF SUBMITTER:	Nancy J. Axelrod										
Signature:	/Nancy J. Axelrod/										
Date:	06/06/2013										
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif											

CH \$40.00 13825317

**WORLDWIDE ASSIGNMENT  
OF PATENT RIGHTS**

WHEREAS, **Petra Schulz, Rainer Pape and Werner Gehringer** hereinafter (collectively) referred to as the Assignor, invented a certain improvement relating to **PROCESS FOR PRODUCTION OF FIBRINOGEN**, for which Assignor has caused a patent application to be prepared,

- ☐ the inventor's declaration for the application being executed concurrently with the execution of this Assignment; the application to be filed in the U.S. Patent and Trademark Office;
- ☒ the application having been filed in the U.S. Patent and Trademark Office on March 20, 2013, and given application number 13/825,317, and claiming the benefit of provisional application number 61,344,719 filed September 21, 2010;
- ☒ the application having been filed under the Patent Cooperation Treaty on September 20, 2011, and given application number PCT/EP2011/066293, Europe having been designated.

WHEREAS, **OCTAPHARMA AG**, having a principal place of business located at **Seidenstrasse 2, CH-8853 Lachen, Switzerland**, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the invention and the patent application;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged:

Assignor hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire and exclusive right, title, and interest for the United States in and to the invention, the application, any application for which priority is claimed, and all applications claiming priority therefrom, including any and all nonprovisionals, divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and all patents which may be granted therefor, and extensions thereof; and Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such patents, insofar as Assignor's interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all associated rights, powers, privileges, and advantages, for and during and to the end of the term or terms of such patents when granted, for the sole and exclusive use and benefit of Assignee, its successors and assigns, to the same extent as Assignor would hold and enjoy if this Assignment had not been made.

Assignor further hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire right, title and interest in all countries of the world, in and to the invention, the application, any application for which priority is claimed, and all applications claiming priority therefrom, including all international applications, national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and all patents which may be granted therefor, and extensions thereof, including the right to file applications and obtain patents for the invention in its own name, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as Assignor's interest is concerned; and Assignor hereby authorizes and requests the applicable patent office in each country of the world to issue any and all such patents, insofar as Assignor's interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all associated rights, powers, privileges, and advantages, for and during and to the end of the term or terms of such patents when granted, for the sole and exclusive use and benefit of Assignee, its successors and assigns, to the same extent as Assignor would hold and enjoy if this Assignment had not been made.

Assignor further acknowledges an obligation of assignment of the invention to Assignee at the time the invention was made, and represents and warrants to Assignee, its successors and assigns, that, except for any right, title, or interest that may have arisen to Assignee under law or that was already transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the invention and application, without encumbrance, and that Assignor has good and full right and lawful authority to assign the invention and application in the manner set forth here.

Assignor further agrees to execute any and all patent applications, assignments, affidavits, declarations, and any other papers in connection therewith necessary to perfect such patent rights, and also agrees, at the request of the

**WORLDWIDE ASSIGNMENT  
OF PATENT RIGHTS**

Assignee, its successors, or assigns, without charge, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its successors and assigns, to obtain, maintain, enforce, and defend patent protection for the invention.

Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, or the patent office of another nation, for recordation of this document:

VENABLE LLP and all practitioners at Customer Number 26694

\* \* \* \* \*

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed, effective as of the filing date of the earliest filed application listed above, or the date of invention, whichever came first.

EXECUTED this 18<sup>th</sup> day of April, 2013.

ASSIGNOR: Petra Schulz

Signature: \_\_\_\_\_

WITNESS:

Signature: Schön

Name: Friedrich Schön

Address: Oberlaaer Strasse 235, A-1100 Vienna  
Austria

EXECUTED this 18<sup>th</sup> day of April, 2013.

ASSIGNOR: Rainer Pape

Signature: \_\_\_\_\_

WITNESS:

Signature: Schön

Name: Friedrich Schön

Address: Oberlaaer Strasse 235, A-1100 Vienna  
Austria

EXECUTED this 18<sup>th</sup> day of April, 2013.

ASSIGNOR: Werner Gehringer

Signature: \_\_\_\_\_

WITNESS:

Signature: Schön

Name: Friedrich Schön

Address: Oberlaaer Strasse 235, A-1100 Vienna  
Austria