

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>Octavian Schatz</td> <td>11/18/2010</td> </tr> <tr> <td>Timonthy O'Connell</td> <td>08/12/2010</td> </tr> <tr> <td>Gudrun Horn</td> <td>08/26/2010</td> </tr> <tr> <td>Heinz Schwer</td> <td>08/19/2010</td> </tr> </tbody> </table>		Name	Execution Date	Octavian Schatz	11/18/2010	Timonthy O'Connell	08/12/2010	Gudrun Horn	08/26/2010	Heinz Schwer	08/19/2010
Name	Execution Date										
Octavian Schatz	11/18/2010										
Timonthy O'Connell	08/12/2010										
Gudrun Horn	08/26/2010										
Heinz Schwer	08/19/2010										
<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Sloning BioTechnology GmbH</td> </tr> <tr> <td><b>Street Address:</b></td> <td>Zeppelinstrasse 4</td> </tr> <tr> <td><b>City:</b></td> <td>Puchheim</td> </tr> <tr> <td><b>State/Country:</b></td> <td>GERMANY</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>82178</td> </tr> </table>		<b>Name:</b>	Sloning BioTechnology GmbH	<b>Street Address:</b>	Zeppelinstrasse 4	<b>City:</b>	Puchheim	<b>State/Country:</b>	GERMANY	<b>Postal Code:</b>	82178
<b>Name:</b>	Sloning BioTechnology GmbH										
<b>Street Address:</b>	Zeppelinstrasse 4										
<b>City:</b>	Puchheim										
<b>State/Country:</b>	GERMANY										
<b>Postal Code:</b>	82178										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>10587090</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	10587090						
Property Type	Number										
<b>Application Number:</b>	10587090										
<b>CORRESPONDENCE DATA</b>											
<p><b>Fax Number:</b> (000)000-0000</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p><b>Phone:</b> 001498989927175</p> <p><b>Email:</b> ipmailbox@morphosys.com</p> <p><b>Correspondent Name:</b> Paul F. Wiegel</p> <p><b>Address Line 1:</b> Lena-Christ-Str. 48</p> <p><b>Address Line 4:</b> Martinsried/Planegg, GERMANY 82152</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	MS143US										
<b>NAME OF SUBMITTER:</b>	Paul F. Wiegel										
<p>Total Attachments: 3</p> <p>source=MS143USAssignment1#page1.tif</p>											

CH \$40.00 10587090

**501379047**

**PATENT**  
**REEL: 025501 FRAME: 0792**

source=MS143USAssignment1#page2.tif

source=ms143usassign2#page1.tif

**PATENT**

**REEL: 025501 FRAME: 0793**

## ASSIGNMENT

WHEREAS, Octavian SCHATZ; Timothy O'CONNELL; Gudrun HORN; Heinz SCHWER; hereinafter called the "Assignors" has made the invention described in the United States patent application entitled "DE NOVO ENZYMATIC PRODUCTION OF NUCLEIC ACID MOLECULES" that has a U.S. Patent Application Serial Number of 10/587.090 and was filed on October 14, 2007;

WHEREAS, Sloning BioTechnology GmbH a corporation organized and existing under the laws of Federal Republic of Germany, having a place of business at Zeppelinstr. 4, D-82178 Puchheim, Germany, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and to the patent application identified above, and all patents, foreign and domestic, which may be obtained for said invention, as set forth below.

NOW THEREFORE, in exchange for valuable and legally sufficient consideration, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States and elsewhere in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States and elsewhere; together with the entire right, title and interest in and to said invention and all patent applications, patents, utility models and designs therefore in all countries foreign to the United, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications, patents, utility models and designs defined above; to have and to hold for sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and Assignor's legal representative, that Assignors have the full right to convey the interest assigned by this Assignment; and that the Assignors will assist the Assignee in the prosecution of the patent applications identified above, in the making and prosecution of any other applications that the Assignee like exclusive title in and to all such other patent applications and patents, in the prosecution of any interference which may arise involving said invention, or any such patent application or patent, and in assisting Assignee in enforcement of any rights arising out of the Assignment; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Agreement.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, THE Assignors have executed this agreement.

DATED: \_\_\_\_\_

\_\_\_\_\_  
Octavian SCHATZ

DATED: 12.08.2010

\_\_\_\_\_  
Timothy O'CONNELL

DATED: 26.08.2010

\_\_\_\_\_  
Gudrun HORN

DATED: 19.08.2010

\_\_\_\_\_  
Heinz SCHWER

## ASSIGNMENT

WHEREAS, Octavian SCHATZ; hereinafter called the "Assignor" is co-inventor of the invention described in the United States patent application entitled "DE NOVO ENZYMATIC PRODUCTION OF NUCLEIC ACID MOLECULES" that has a U.S. Patent Application Serial Number of 10/587,090 and was filed on October 14, 2007;

WHEREAS, Sloning BioTechnology GmbH a corporation organized and existing under the laws of Federal Republic of Germany, having a place of business at Zeppelinstr. 4, D-82178 Puchheim, Germany, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and to the patent application identified above, and all patents, foreign and domestic, which may be obtained for said invention, as set forth below.

NOW THEREFORE, pursuant to his employment agreement dated January 30, 2001, the Assignor assigned and transferred, and hereby assigns and transfers to the Assignee, the entire right, title and interest for the United States and elsewhere in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States and elsewhere; together with the entire right, title and interest in and to said invention and all patent applications, patents, utility models and designs therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications, patents, utility models and designs defined above; to have and to hold for sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and Assignor's legal representative that Assignor has the full right to convey the interest assigned by this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, THE Assignor has executed this agreement.

*Münster, Nov 18, 2010*



Octavian SCHATZ