

## PATENT ASSIGNMENT

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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>Toralf Kaiser</td> <td>05/14/2013</td> </tr> <tr> <td>Jenny Kirsch</td> <td>05/14/2013</td> </tr> <tr> <td>Andreas Gruetzkau</td> <td>05/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	Toralf Kaiser	05/14/2013	Jenny Kirsch	05/14/2013	Andreas Gruetzkau	05/17/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Deutsches Rheuma-Forschungszentrum Berlin</td> </tr> <tr> <td>Street Address:</td> <td>Chariteplatz 1</td> </tr> <tr> <td>City:</td> <td>Berlin</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>10117</td> </tr> </table>		Name:	Deutsches Rheuma-Forschungszentrum Berlin	Street Address:	Chariteplatz 1	City:	Berlin	State/Country:	GERMANY	Postal Code:	10117
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3016571282  Email: natzmer@natzmer-law.com  Correspondent Name: Joyce von Natzmer  Address Line 1: 200 Madison Ave, Suite 1901  Address Line 4: New York, NEW YORK 10016</p>											
ATTORNEY DOCKET NUMBER:	7014-1510										
NAME OF SUBMITTER:	Joyce von Natzmer										
Signature:	/Joyce v. Natzmer/										
Date:	06/19/2013										
<p>Total Attachments: 2  source=7014-1510-ASG-Executed#page1.tif  source=7014-1510-ASG-Executed#page2.tif</p>											

CH \$40.00 13878902

**ASSIGNMENT**

**WHEREAS**, we, **Toralf Kaiser** a citizen of Germany, residing at Viktoriaallee 17, 16547 Birkenwerder, Germany, **Jenny Kirsch**, a citizen of Germany, residing at Willsnacker Str. 36, 10559 Berlin, Germany and **Andreas Gruetzkau**, a citizen of Germany, with an address of Chariteplatz 1, 10117 Berlin, Germany, are the inventors of an invention in **PRINCIPLE COMPONENT ANALYSIS (PCA) - BASED ANALYSIS OF DISCONTINUOUS EMISSION SPECTRA IN MULTICHROMATIC FLOW CYTOMETRY**, the specification of which was filed on **October 12, 2011** as international application **PCT/EP2011/005220** and was assigned US application no. **13/878,902** on **April 11, 2013**; and

**WHEREAS**, **Deutsches Rheuma-Forschungszentrum Berlin**, incorporated in Germany, with a place of business at Chariteplatz 1, 10117 Berlin, Germany is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application;

**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we the said **Toralf Kaiser, Jenny Kirsch** and **Andreas Gruetzkau**, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Deutsches Rheuma-Forschungszentrum Berlin**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said **Deutsches Rheuma-Forschungszentrum Berlin**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.


**AND WE HEREBY** covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

**AND WE HEREBY** further covenant and agree that we will communicate to said **Deutsches Rheuma-Forschungszentrum Berlin**, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Deutsches Rheuma-Forschungszentrum Berlin**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

**IN TESTIMONY WHEREOF**, we hereunto set our hands and seals the day and year set opposite our respective signatures.

Inventor: **Toralf Kaiser** (First named above)

Date 14.5.13 2013  L.S.

Witness:  14.05.13  
Name Date

Inventor: **Jenny Kirsch** (Second named above)

Date 24.05.2013 2013 J. Kirsch L.S.

Witness: W. Bloss 14.05.13  
Name Date

Inventor: **Andreas Gruetzkau** (Third named above)

Date 17.5.13 2013 A. Gruetzkau L.S.

Witness: W. Bloss 17.05.13  
Name Date