

## PATENT ASSIGNMENT

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 Stylesheet Version v1.1

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>Andreas CADUFF</td> <td>09/25/2012</td> </tr> <tr> <td>Hans-Joachim KREBS</td> <td>10/10/2012</td> </tr> <tr> <td>Mark Stuart TALARY</td> <td>09/25/2012</td> </tr> <tr> <td>Pavel ZAKHAROV</td> <td>09/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Andreas CADUFF	09/25/2012	Hans-Joachim KREBS	10/10/2012	Mark Stuart TALARY	09/25/2012	Pavel ZAKHAROV	09/25/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>BIOVOTION AG</td> </tr> <tr> <td>Street Address:</td> <td>TECHNOPARKSTRASSE 1</td> </tr> <tr> <td>City:</td> <td>ZURICH</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>8005</td> </tr> </table>		Name:	BIOVOTION AG	Street Address:	TECHNOPARKSTRASSE 1	City:	ZURICH	State/Country:	SWITZERLAND	Postal Code:	8005
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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>13581191</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13581191						
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CORRESPONDENCE DATA											
<p>Fax Number: 2122468959  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2127081800        Email: ostanford@ladas.com        Correspondent Name: Ladas &amp; Parry LLP        Address Line 1: 1040 Avenue of the Americas        Address Line 4: New York, NEW YORK 10018-3738</p>											
ATTORNEY DOCKET NUMBER:	U 018709-8										
NAME OF SUBMITTER:	Raymond A. DiPerna										
<p>Total Attachments: 3        source=0187098asg#page1.tif        source=0187098asg#page2.tif        source=0187098asg#page3.tif</p>											

CH \$40.00 13581191

- For:  U.S. and/or  Foreign Rights
- For:  U.S. Application or  
 U.S. Provisional Application
- For:  U.S. Patent
- For:  PCT Application
- By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

Andreas CADUFF  
*(type or print name of inventors)*

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Nationality

Pavel ZAKHAROV

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CH-8046 Zurich, Switzerland

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Swiss  
Nationality

Added page(s) for signature by subsequent inventors. Number of pages added

(if assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO, add the following)

Recorded on \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

hereby sells, assigns and transfers to  
ASSIGNEE

BIOVOTION AG  
(type or print name of ASSIGNEE)

Technoparkstrasse 1  
Address

8005 Zurich, Switzerland

Swiss  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest  
 an undivided \_\_\_\_\_ percent (\_\_\_\_\_ %) right, title and interest  
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- and in all foreign countries, including all rights to claim priority, in and to any  
and all improvements which are disclosed in the invention entitled:

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OPTICAL DETERMINATION OF BLOOD PERFUSION AND SIMILAR PARAMETERS

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Name of inventor(s) Andreas CADUFF Hans-Joachim KREBS Mart Stuart TALARY  
Pavel ZAKHAROV

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(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in (37 C.F.R. 3.21)

- (a)  Not yet filed U.S. patent application executed on even date herewith  
(b)  Not yet filed U.S. patent application executed on  
(c)  Not yet filed U.S. provisional application naming the above  
inventor(s) for the above-entitled invention  
 To comply with 37 C.F.R. 3.21 for recordal of this  
assignment, I, an ASSIGNOR signing below, hereby  
authorize and request my attorney to insert below the filing  
date and application number when they become known.  
(d)  U.S. patent or provisional patent application no. 13/581,191  
filed on August 24, 2012  
(e)  International application no. PCT/CH2010/000049  
(f)  U.S. patent no. \_\_\_\_\_ issued  
 A change of address to which correspondence is to be sent  
regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

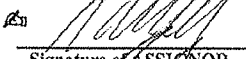
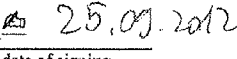
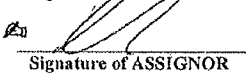
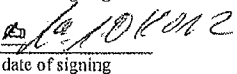
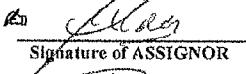
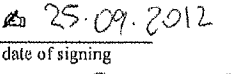
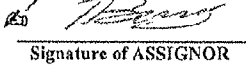
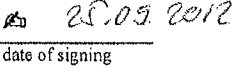
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Andreas CADUFF (type name of Assignor)	 Signature of ASSIGNOR	this  date of signing
Hans-Joachim KREBS (type name of Assignor)	 Signature of ASSIGNOR	this  date of signing
Mark Stuart TALARY (type name of Assignor)	 Signature of ASSIGNOR	this  date of signing
Pavel ZAKHAROV (type name of Assignor)	 Signature of ASSIGNOR	this  date of signing
_____ (type name of Assignor)	_____ Signature of ASSIGNOR	this _____ date of signing

(if ASSIGNOR is a legal entity, complete the following information)

\_\_\_\_\_  
authorized to sign on behalf of ASSIGNOR)

\_\_\_\_\_  
Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.