

# PATENT ASSIGNMENT

Electronic Version v1.1  
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<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>Dr Andrew Mark Shaw</td> <td>11/12/2009</td> </tr> <tr> <td>Rouslan Vladimir Olkhov</td> <td>11/12/2009</td> </tr> <tr> <td>William Leslie Barnes</td> <td>11/12/2009</td> </tr> </tbody> </table>		Name	Execution Date	Dr Andrew Mark Shaw	11/12/2009	Rouslan Vladimir Olkhov	11/12/2009	William Leslie Barnes	11/12/2009		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>ATTOMARKER LIMITED</td> </tr> <tr> <td><b>Street Address:</b></td> <td>The Innovation Centre, Rennes Drive, Exeter</td> </tr> <tr> <td><b>City:</b></td> <td>Devonshire</td> </tr> <tr> <td><b>State/Country:</b></td> <td>UNITED KINGDOM</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>EX4 4RN</td> </tr> </table>		<b>Name:</b>	ATTOMARKER LIMITED	<b>Street Address:</b>	The Innovation Centre, Rennes Drive, Exeter	<b>City:</b>	Devonshire	<b>State/Country:</b>	UNITED KINGDOM	<b>Postal Code:</b>	EX4 4RN
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (602)382-6070  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6023826000        Email: hsobelman@swlaw.com        Correspondent Name: SNELL &amp; WILMER L.L.P.        Address Line 1: ONE ARIZONA CENTER, 400 E VAN BUREN ST        Address Line 2: HOWARD I SOBELMAN        Address Line 4: Phoenix, ARIZONA 85004-2202</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	44385.0300										
<b>NAME OF SUBMITTER:</b>	Howard I Sobelman										
<p>Total Attachments: 2          source=443850300ASN#page1.tif</p>											

CH \$40.00 12531814

**501076123**

**PATENT**  
**REEL: 023849 FRAME: 0297**



ASSIGNMENT

WHEREAS, the ASSIGNORS, comprising the following named inventors:

1. SHAW, Dr. Andrew Mark; ~~Forde Court, Forde Road;~~ *S, ROSE PARVARD*  
~~Newton Abbot TQ12 4AD United Kingdom~~ *LOWER MARYLL RD, EXETER*
2. ~~OLKHOV, Rouslan Vladimir; c/o University of Exeter, Northcote House, The Queen's Drive,~~ *EX4-7PB*  
~~Exeter, Devonshire EX4 4QJ United Kingdom~~
3. BARNES, William Leslie; c/o University of Exeter, Northcote House, The Queen's Drive,  
Exeter, Devonshire EX4 4QJ United Kingdom

have invented and owns a certain invention entitled:

PHOTONIC BIOSENSOR ARRAYS

for which application for Letters Patent of the United States was filed as U.S. Serial No.

12/531,814 on September 17, 2009; and

WHEREAS, the ASSIGNEE:

ATTOMARKER LIMITED  
The Innovation Centre  
Rennes Drive  
Exeter  
Devonshire  
EX4 4RN  
United Kingdom

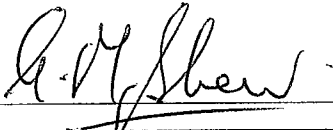
is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

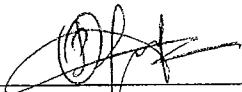
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNORS, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNORS hereby covenant that no assignment, sale, agreement, charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

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

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal  
this 12 day of November, 2009.

1.   
(Dr. Andrew Mark Shaw)

2.   
(Rouslan Vladimar Olkhov)

3.   
(William Leslie Barnes)