**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

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<th>SUBMISSION TYPE:</th>
<th>NEW ASSIGNMENT</th>
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<td>NATURE OF CONVEYANCE:</td>
<td>ASSIGNMENT</td>
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**CONVEYING PARTY DATA**

<table>
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<tr>
<th>Name</th>
<th>Execution Date</th>
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<tr>
<td>Prolume Ltd.</td>
<td>02/16/2007</td>
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**RECEIVING PARTY DATA**

<table>
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<tr>
<th>Name</th>
<th>BioLume, Inc.</th>
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<tr>
<td>Street Address</td>
<td>109 Trellingwood Drive</td>
</tr>
<tr>
<td>City</td>
<td>Morrisville</td>
</tr>
<tr>
<td>State/Country</td>
<td>NORTH CAROLINA</td>
</tr>
<tr>
<td>Postal Code</td>
<td>27560</td>
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**PROPERTY NUMBERS Total: 2**

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<td>Patent Number</td>
<td>6416960</td>
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<tr>
<td>Patent Number</td>
<td>6596257</td>
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**CORRESPONDENCE DATA**

Fax Number: (412)261-0915  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 412-263-4362  
Email: ipgroup@pbandg.com  
Correspondent Name: Matthew W. Gordon  
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Address Line 2: 301 Grant St -One Oxford Centre, 38th FL  
Address Line 3: Pittsburgh, PENNSYLVANIA 15219

**ATTORNEY DOCKET NUMBER:**  
LUME 48471/48490

**NAME OF SUBMITTER:**  
Matthew W. Gordon

Total Attachments: 2  
source=Prolume to BioLume#page1.tif  
source=Prolume to BioLume#page2.tif
ASSIGNMENT

WHEREAS, Prolume Ltd., a corporation organized and existing under the
laws of the State of Delaware, having its principal place of business at P.O. Box 2746
Pinetop, Arizona 85935, is the owner of U.S. Patent No. 6,416,960 and U.S. Patent No.
6,596,257 and

WHEREAS, BioLume, Inc., a corporation organized and existing under the
laws of the State of Delaware, having a principal place of business at 109 Trellingwood
Drive, Morrisville, North Carolina, 27560, has an interest in obtaining ownership of U.S.
Patent No. 6,416,960 and U.S. Patent No. 6,596,257 and

NOW, THEREFORE, in consideration of one dollar ($1.00) and other good
and valuable consideration paid to me by BioLume, Inc., receipt whereof I hereby
acknowledge, I do hereby assign, sell, transfer, and set over unto BioLume, Inc., my entire
right, title, and interest in and to the afore-mentioned two U.S. Issued Patents, and
improvements therein disclosed for the United States and any Letters Patent which may issue
therefor in the United States and all divisions, reissues, continuations, renewals, and/or
extensions thereof including all priority rights associated therewith, BioLume, Inc., to have
and to hold the interests herein assigned to the full ends of the terms of said Letters Patent
and any and all divisions, reissues, continuations, renewals, and/or extensions thereof,
respectively, as fully and entirely as the same would have been held and enjoyed by me had
this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such
Letters Patent in accordance herewith. I covenant that I am the lawful owner or co-owner of
the afore-mentioned U.S. Issued Patents, subject to the license(s) to make, use, sell or offer
for sale the inventions disclosed in the afore-mentioned Issued Patents disclosed to BioLume,
Inc., and that I have the full right to make this assignment.

And for the consideration aforesaid, I agree that I will communicate to
BioLume, Inc. or the representatives thereof any facts known to me respecting the afore-
mentioned and improvements, and will, upon request, but without expense to me, testify in
any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation,
renewal, and/or extension applications, make all rightful oaths, and generally do all other and
further lawful acts, deemed necessary or expedient by BioLume, Inc. or by counsel for
BioLume, Inc., to assist or enable BioLume, Inc. to obtain and enforce full benefits from the
rights and interests herein assigned. This assignment shall be binding upon my heirs,
executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of BioLume, Inc.

Executed on this 16th day of February, 2007

Bruce J. Bryan

State of Arizona: ss.
County of Apache:

Before me, a Notary Public in and for the said County and State, personally appeared Bruce J. Bryan who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 16th day of February, 2007.

Andra K. Choate
Notary Public

(NOTARIAL SEAL)