

## PATENT ASSIGNMENT

Electronic Version v1.1  
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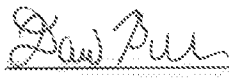
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kenneth F. Binmoeller	03/19/2008
RECEIVING PARTY DATA	
Name:	Xlumena, Inc.
Street Address:	453 Ravendale Drive, Suite H
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13709960
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	12088-706.400
NAME OF SUBMITTER:	Mae Pattison
Signature:	/David K. Buckingham, Reg. No. 60,695/
Date:	09/12/2013
Total Attachments: 2 source=12088-706.400 Cover Sheet - Assignment#page1.tif source=12088-706.400 Cover Sheet - Assignment#page2.tif	

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RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

<p>1. Name of conveying party(ies):</p> <p><b>(1) Kenneth F. BINMOELLER (03/19/2008)</b></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <b>Xlumena, Inc.</b></p> <p><b>453 Ravendale Drive, Suite H</b></p> <p><b>Mountain View, CA 94043</b></p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p>	<p>Name and address of receiving party(ies):</p> <p>Name:</p> <p>Street Address:</p> <p>City: State: Zip:</p> <p>Country:</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p>	
<p>A. Patent Application No.(s) - <b>13/709,960</b></p> <p>Title: <b>METHOD AND APPARATUS FOR PERFORMING NEEDLE GUIDED INTERVENTIONS</b></p>	<p>B. Patent No.(s)</p>
<p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p><b>DAVID K. BUCKINGHAM</b></p> <p><b>Shay Glenn LLP</b></p> <p><b>2755 Campus Drive, Suite 210</b></p> <p><b>San Mateo, CA 94403</b></p>	<p>6. Total number of applications and patents involved: <u>1</u></p>
<p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input type="checkbox"/> A check is enclosed that includes the total fee.</p> <p><input checked="" type="checkbox"/> Charge the \$40 fee to <b>Deposit Account 50-4050</b>.</p>	
<p>DO NOT USE THIS SPACE</p>	
<p>8. Statement and signature.</p> <p><i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p>	
<p><b>David Buckingham, Reg. No. 60,695</b></p> <p>Name of Person Signing</p>	<p></p> <p>Signature</p>
<p><b>September 12, 2013</b></p> <p>Date</p>	
<p>Total number of pages including cover sheet, attachments, and documents: 2</p>	

**ASSIGNMENT**

WHEREAS, **KENNETH F. BINMOELLER** of P.O. Box 5000, PMB 148, Rancho Santa Fe, CA 92067, hereinafter referred to as "ASSIGNOR," is the owner of all rights in certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:        *METHOD AND APPARATUS FOR PERFORMING  
NEEDLE GUIDED INTERVENTIONS*

Filing Date:                September 14, 2007

Serial No.:                  11/886,499

WHEREAS, **XLumena, Inc.**, of 2213 Sierra Ventura Dr., Los Altos, CA 94024, hereinafter referred to as "ASSIGNEE," wants to acquire an interest in the invention and application and in any Letters Patent and Registrations that may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

Mardy IN TESTIMONY WHEREOF, this Assignment is executed this 19 day of  
2008.

BY: Kenneth F. Binmoeller  
**KENNETH F. BINMOELLER**