

## 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>Claudia B. Jaffe</td><td>10/25/2011</td></tr><tr><td>Steven M. Jaffe</td><td>10/25/2011</td></tr><tr><td>David Larsen</td><td>10/25/2011</td></tr></tbody></table>	Name	Execution Date	Claudia B. Jaffe	10/25/2011	Steven M. Jaffe	10/25/2011	David Larsen	10/25/2011	
Name	Execution Date								
Claudia B. Jaffe	10/25/2011								
Steven M. Jaffe	10/25/2011								
David Larsen	10/25/2011								
RECEIVING PARTY DATA									
Name:	Lumencor, Inc.								
Street Address:	14964 NW Greenbrier Parkway								
City:	Beaverton								
State/Country:	OREGON								
Postal Code:	97006								
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>13282108</td></tr></tbody></table>	Property Type	Number	Application Number:	13282108					
Property Type	Number								
Application Number:	13282108								
CORRESPONDENCE DATA									
Fax Number:	(415)362-2928								
Phone:	415-362-3800								
Email:	OFFICEACTIONS@FDML.COM								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	FLIESLER MEYER LLP/SHELDON R. MEYER								
Address Line 1:	650 CALIFORNIA STREET								
Address Line 2:	14TH FLOOR								
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94108								
ATTORNEY DOCKET NUMBER:	LUMEN-01022US1								
NAME OF SUBMITTER:	Karl F. Kenna								
Total Attachments: 2 source=lumen_1022us1_SIGNED_Assignment#page1.tif source=lumen_1022us1_SIGNED_Assignment#page2.tif									

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PATENT  
REEL: 027128 FRAME: 0201

## JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1) Claudia B. Jaffe  
a resident of Portland, OR; and

(2) Steven M. Jaffe  
a resident of Portland, OR; and

(3) David Larsen  
a resident of Beaverton, OR.

have invented certain new and useful improvements in:

### SYSTEM AND METHOD FOR METERED DOSAGE ILLUMINATION IN A BIOANALYSIS OR OTHER SYSTEM

1. and have prepared a United States Provisional Patent Application disclosing and identifying the invention, said application having been filed on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and assigned U.S. Provisional Patent Application No. 61/ \_\_\_\_\_.
2. and/or have executed on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, a declaration or oath for an application for a United States patent disclosing and identifying the invention and/or said application having been filed on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and assigned U.S. Patent Application No. 12/ \_\_\_\_\_.

WHEREAS LUMENCOR, INC. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 14964 NW Greenbrier Parkway, Beaverton State of Oregon, 97006, wishes to acquire the entire right, title and interest in and to said application(s) and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patent applications, patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application(s) and said invention; (b) in and to all rights to apply in any and all countries of the world for patent applications, patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting provisional, utility, substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions, invalidity actions, and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date as given below and delivered this instrument to said Assignee:


October 25, 2011  
Date

(1)   
Claudia B. Jaffe

October 25, 2011  
Date

(2)   
Steven M. Jaffe

October 25, 2011  
Date

(3)   
David Larsen