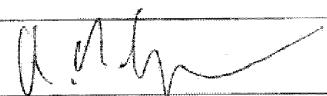

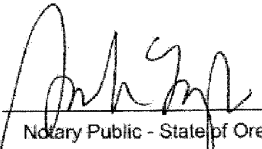





Faxed to 703-306-5995 on 06/17/2005

<b>ASSIGNMENT OF APPLICATION</b>		Docket Number (Optional) LTSM02CP2
<p>Whereas, I, <u>Christoph M. Greiner</u> of <u>Eugene, Oregon</u>, hereafter referred to as applicant, have invented certain new and useful improvements in <u>Amplitude and Phase Control in Distributed Optical Structures</u></p>		
<p><input checked="" type="checkbox"/> for which an application for a United States Patent was filed on <u>November 15, 2004</u> Application Number: <u>10/989,236</u></p>		
<p><input type="checkbox"/> for which an application for a United States Patent was executed on _____, and</p>		
<p>Whereas, <u>LightSmyth Technologies, inc.</u> of <u>Eugene, Oregon</u> here referred to "assignee" whose mailing address is <u>860 W. Park Street, Suite 250, Eugene, Oregon 97401</u> is desirous of acquiring the entire right, title and interest in the same.</p>		
<p>Now, therefore, in consideration of the sum of <u>ten</u> dollars (\$ <u>10.00</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.</p>		
<p>Executed this <u>fifth</u> day of <u>June</u>, 20 <u>05</u> at <u>Eugene, Oregon</u></p>		
		 _____ Signature
State of <u>Oregon</u> County of <u>Lane</u>		<u>Christoph M. Greiner</u> Printed Name
Before me personally appeared said <u>Christoph M. Greiner</u> and acknowledged the foregoing instrument to be his free act and deed this <u>fifth</u> day of <u>June</u> , 20 <u>05</u>		
Seal		 _____ Notary Public - State of Oregon
<p><input checked="" type="checkbox"/> Total of 3 forms are submitted.</p>		

**\*COPY\***

**PATENT  
REEL: 016361 FRAME: 0936**


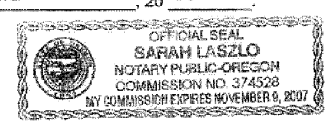

Faxed to 703-306-5995 on 06/17/2005

<b>ASSIGNMENT OF APPLICATION</b>		Docket Number (Optional) <b>LTSM02CP2</b>
Whereas, I, <u>Thomas W. Mossberg</u> of <u>Eugene, Oregon</u> , hereafter referred to as applicant, have invented certain new and useful improvements in <u>Amplitude and Phase Control in Distributed Optical Structures</u>		
<input checked="" type="checkbox"/> for which an application for a United States Patent was filed on <u>November 15, 2004</u> Application Number <u>10/989,236</u>		
<input type="checkbox"/> for which an application for a United States Patent was executed on _____, and		
Whereas, <u>LightSmyth Technologies, Inc.</u> of <u>Eugene, Oregon</u> here referred to "assignee" whose mailing address is <u>860 W. Park Street, Suite 250, Eugene, Oregon 97401</u> is desirous of acquiring the entire right, title and interest in the same;		
Now, therefore, in consideration of the sum of <u>ten</u> dollars (\$ <u>10.00</u> ), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.		
Executed this <u>5<sup>th</sup></u> day of <u>June</u> , 20 <u>05</u> at <u>Eugene, Oregon</u>		
		<u>Thomas W Mossberg</u> Signature <u>Thomas W. Mossberg</u> Printed Name
State of <u>Oregon</u> County of <u>Lane</u>		
Before me personally appeared said <u>Thomas W. Mossberg</u> and acknowledged the foregoing instrument to be his free act and deed this <u>5<sup>th</sup></u> day of <u>June</u> , 20 <u>05</u>		
Seal		<u>[Signature]</u> Notary Public - State of Oregon
<input checked="" type="checkbox"/> Total of <u>3</u> forms are submitted.		

**\*COPY\***

**PATENT  
REEL: 016361 FRAME: 0937**

Faxed to 703-306-5995 on 06/17/2005

<b>ASSIGNMENT OF APPLICATION</b>		Docket Number (Optional) <b>LTSM02CP2</b>
Whereas, I, <u>Dmitri lazikov</u> of <u>Eugene, Oregon</u> , hereafter referred to as applicant, have invented certain new and useful improvements in <u>Amplitude and Phase Control in Distributed Optical Structures</u>		
<input checked="" type="checkbox"/>	for which an application for a United States Patent was filed on <u>November 15, 2004</u> Application Number <u>10/989,236</u>	
<input type="checkbox"/>	for which an application for a United States Patent was executed on _____, and	
Whereas, <u>LightSmyth Technologies, Inc.</u> of <u>Eugene, Oregon</u> here referred to "assignee" whose mailing address is <u>860 W. Park Street, Suite 250, Eugene, Oregon 97401</u> is desirous of acquiring the entire right, title and interest in the same;		
Now, therefore, in consideration of the sum of <u>ten</u> dollars (\$ <u>10.00</u> ), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.		
Executed this <u>fifth</u> day of <u>June</u> , 20 <u>05</u> at <u>Eugene, Oregon</u>		
		Signature
State of <u>Oregon</u>	<u>Dmitri lazikov</u>	Printed Name
County of <u>Lane</u>	Before me personally appeared said <u>Dmitri lazikov</u> and acknowledged the foregoing instrument to be his free act and deed this <u>fifth</u> day of <u>June</u> , 20 <u>05</u>	
Seal		 Notary Public - State of Oregon
<input checked="" type="checkbox"/> Total of _____ forms are submitted.		

**\*COPY\***

**RECORDED: 06/17/2005**

**PATENT  
REEL: 016361 FRAME: 0938**