

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Terapulse, Inc.	12/22/2004

RECEIVING PARTY DATA

Name:	Lighthouse Capital Partners, Inc.
Street Address:	20 University Road, Suite 460
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02138

PROPERTY NUMBERS Total: 13

Property Type	Number
Application Number:	60276982
Application Number:	10101427
Application Number:	60312288
Application Number:	10218681
Application Number:	60325422
Application Number:	10259171
Application Number:	60364958
Application Number:	10389706
Application Number:	60371534
Application Number:	10411871
Application Number:	60433320
Application Number:	60476668
Application Number:	10689867

CORRESPONDENCE DATA

PATENT

500016183

REEL: 015507 FRAME: 0155

OP \$520.00 60276982

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NAME OF SUBMITTER:

Robert S. Blasi, Esq.

Total Attachments: 4

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ASSIGNMENT

Whereas Terapulse, Inc. ("Assignor"), whose principal place of business is 42 Nagog Park, Acton, MA 01718, is the owner by assignment of certain inventions or discoveries (or both) set forth in patent applications identified on the Schedule A attached hereto; and

Whereas Lighthouse Capital Partners, Inc. ("Assignee"), whose address is 20 University Road, Suite 460, Cambridge, Massachusetts 02138, is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor hereby, without reservation:

1. Assigns, transfers and conveys to Assignee the entire right, title and interest in and to said inventions and discoveries, said patent applications, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and International Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or based upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorizes Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in the Assignor's name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorizes and requests the Commissioner for Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent and applications therefor to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrants that it has not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that it has good right to assign the same Assignee without encumbrance;
5. Binds its successors and assigns, as well as itself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to Assignor or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent application and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by Assignor, its successors and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to Assignor relating to said inventions and discoveries or the history

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thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in Assignor's control or in the control of its successors or assigns which may be useful for establishing the facts of all conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which this Assignment has been executed as an instrument under seal on the date indicated below.

TERAPULSE, INC.

12/22/04 By: [Signature]
Date Title: PRESIDENT

Commonwealth of Massachusetts)
)ss.
County of Middlesex)

Paul D. Walsh
Notary Public
My Commission Expires
June 25, 2010

On this 22 day of December, 2004, before me appeared
_____, to me known and known to me to be the person described in and
who executed the foregoing instrument, and he acknowledged the same to be his free act and
deed.

[Signature]
Notary Public

[seal]

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Schedule A

Docket No.	Appl. No.	Filing Date	Title
TPS-001PR	60/276,982	March 19, 2001	Polarization Mode Dispersion Compensation in Optical Transmission by Wein et al.
TPS-001PC	US02/08399	March 19, 2002	Polarization Mode Dispersion Compensation in Optical Transmission by Wein et al.
TPS-001	10/101,427	March 19, 2002	Polarization Mode Dispersion Compensation in Optical Transmission by Wein et al.
TPS-001CA	2,441,943	Priority date: March 19, 2002	Polarization Mode Dispersion Compensation in Optical Transmission by Wein et al.
TPS-001CN	02810054.9	Priority date: March 19, 2002	Polarization Mode Dispersion Compensation in Optical Transmission by Wein et al.
TPS-001EP	02728511.3	Priority date: March 19, 2002	Polarization Mode Dispersion Compensation in Optical Transmission by Wein et al.
TPS-001JP	2002-577297	Priority date: March 19, 2002	Polarization Mode Dispersion Compensation in Optical Transmission by Wein et al.
TPS-002PR	60/312,288	Aug. 14, 2001	Apparatus and Methods for Polarimetric State Measurement Across a Spectral Range by Wein et al.
TPS-002PC	US02/25918	Aug. 14, 2002	Apparatus and Methods for Polarimetric State Measurement Across a Spectral Range by Wein et al.
TPS-002US	10/218,681	Aug. 14, 2002	Apparatus and Methods for Polarimetric State Measurement Across a Spectral Range by Wein et al.
TPS-003PR	60/325,422	Sept. 27, 2001	Method and Apparatus for Higher Order Compensation of Polarization Mode Dispersion in Optical Transmission Media by Menikoff et al.
TPS-003PC	US02/30711	Sept. 27, 2002	Method and Apparatus for Higher Order Compensation of Polarization Mode Dispersion in Optical Transmission Media by Menikoff et al.
TPS-003US	10/259,171	Sept. 27, 2002	Method and Apparatus for Higher Order Compensation of Polarization Mode Dispersion in Optical Transmission Media by Menikoff et al.
TPS-003CA	2,461,889	Priority date: Sept. 27, 2002	Method and Apparatus for Higher Order Compensation of Polarization Mode Dispersion in Optical Transmission Media by Menikoff et al.

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Docket No.	Appl. No.	Filing Date	Title
TPS-003CN	02823407.3	Priority date: Sept. 27, 2002	Method and Apparatus for Higher Order Compensation of Polarization Mode Dispersion in Optical Transmission Media by Menikoff et al.
TPS-003EP	02766373.1	Priority date: Sept. 27, 2002	Method and Apparatus for Higher Order Compensation of Polarization Mode Dispersion in Optical Transmission Media by Menikoff et al.
TPS-003JP	2003-531646	Priority date: Sept. 27, 2002	Method and Apparatus for Higher Order Compensation of Polarization Mode Dispersion in Optical Transmission Media by Menikoff et al.
TPS-004PR	Unfiled		Compact Optical Spectrometer by Wein et al.
TPS-005PR	60/364,958	March 15, 2002	Athermal Polarization Delay Line by Wein et al.
TPS-005PC	US03/07703	March 14, 2003	Athermal Polarization Delay Line by Wein et al.
TPS-005US	10/389,706	March 14, 2003	Athermal Polarization Delay Line by Wein et al.
TPS-006PR	60/371,534	April 10, 2002	Methods and Apparatus for In-Band Optical Signal-to-Noise Measurements by Wein et al.
TPS-006PC	US03/11133	April 10, 2003	Methods and Apparatus for In-Band Optical Signal-to-Noise Measurements by Wein et al.
TPS-006US	10/411,871	April 10, 2003	Methods and Apparatus for In-Band Optical Signal-to-Noise Measurements by Wein et al.
TPS-007PR	60/433,320	Dec. 13, 2002	A Sealed Fiber Optic Feedthrough by Esposito
TPS-007P2	60/476,668	June 5, 2003	A Sealed Fiber Optic Feedthrough by Esposito
TPS-007US	10/689,867	Oct. 21, 2003	A Sealed Fiber Optic Feedthrough by Esposito
TPS-007PC	US03/39455	Dec. 12, 2003	A Sealed Fiber Optic Feedthrough by Esposito