Docket No.: CENIX.018 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Modified) RE' 11-26-2003 (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08A/REV03 Tab settings → → aned original documents or copy thereof. 102609465 To the Director of the United States Patent ar 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Melvyn Dixon Name: Cyoptics, Inc. 4-24-03 Address: 7360 Windsor Drive ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☑ Assignment ☐ Merger City: Allentown _____ State/Prov.: PA □ Security Agreement ☐ Change of Name Country: USA ZIP: 18106 Other _ Execution Date: February 19, 2003 Additional name(s) & address(es) ☐ Yes ⊠ No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) 10/085,483 2/26/2002 ☐ Yes 🛛 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: William S. Francos 7. Total fee (37 CFR 3.41):....\$ 40.00 38,456 Registration No. ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: VOLENTINE FRANCOS, P.L.L.C. Authorized to be charged to deposit account 12200 Sunrise Valley Drive 8. Deposit account number: Suite 150 50-0238 City: Reston State/Prov.: VA ZIP: 20191 (Attach duplicate copy of this page if paying by deposit account) Country: USA DO NOT USE THIS SPACE 7 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and apy attached copy is a true copy

Signatur

November 20, 2003

Date

Name of Person Signing

of the original document.

William S. Francos

Total number of pages including cover sheet, attachments, and

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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT ("Assignment") is made and entered into as of February 19, 2003, ("Effective Date") between CENIX, Inc., a Delaware corporation, (hereinafter "Assignor"), and Cyoptics, Inc., a Delaware corporation (hereinafter "Assignee").

WHEREAS, the parties have agreed that Assignor shall assign to and assignor shall own and hold all right, title and interest in, to and under the patents, provisional applications, and patent applications (including originals, divisionals, continuations, continuations-in-part, extensions, reissues and reexams), set forth on Schedule A attached hereto and made a part hereof (hereinafter, the "Patents"); and

WHEREAS, Assignee desires to own Assignor's entire right, title and interest in, to and under the Patents and the inventions disclosed therein, in all countries throughout the world.

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt of which is hereby acknowledged:

Assignor hereby sells, assigns, transfers, and sets over to Assignee, Assignor's entire right, title and interest in, to and under the Patents, including all such Letters Patent of the United States that have been or shall be granted on any of the Patents, and all reissues, reexaminations and extensions thereof, all rights to claim priority on the basis of the Patents, and all corresponding foreign applications that have been or may be filed for the inventions and all foreign patents or similar legal protection that have been or may be granted or issued thereon, including all extensions, renewals and reissues thereof, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letter Patent are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made; and, together with all claims for damages by reason of past infringement of the Patents, with the right to sue for such damages, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for the inventions disclosed in the Patents to Assignee, its successors and assigns, in accordance with the terms of this Assignment.

Assignor further agrees to execute or procure any further necessary assurance of title to said patents; and at any time, upon the reasonable request and at the expense of said Assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said Patents, in Assignee; and to make a record with any and all government agencies.

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authorities, courts, tribunals or third parties, or the fact that Assignee owns all right, title and interest in and to the Patents.

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IN WITNESS WHEREOF, duly authorized officer of this 19th day	Assignor b	MS CRUS	By: MELVIN DIXON Title: PRESIDENT 7 CEC
On this day of personally known who, being duly swe of the compan and that said instrument was signed on acknowledged said instrument to be the	y : namod is	rand wi	nch executed the forespine instrument.
	<u>.</u>	<u>-</u>	Notary Public My Commission Expires:

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Schedule A

"Optical to Electrical Inter-Connect Structure" (App. #09/777,869)

"Optical Subassembly and Method of Alignment Thereof "(App. #09/907,497)

"Laser Package Assembly" (App. #60/276,208)

"Optical Subassembly" (Apps. #09/943,082 and #60/276,130)

"Precision Optical Centering Devices" (Apps. #09/943,081 and #60/276,131)

"Method and Apparatus to optimize Optical Coupling in An Axis Orthogonal to the Optical Axis" (Apps. #09/943,083 and #60/276,133)

"Wrap-Around Pedestal Transition for 2.5 (ibps and higher laser packages for optical communication" (App. #10/100,266)

"Confocal Optical Design" (App. #10/085,483)

"Method for Reducing Optical Reflections" (App. on hold)

"Establishing a hermetic scal around the junction of a photodiode without completely enclosing the device" (no filing)

"Optical scheme to improve coupling to angle polish fibers" (App. on hold)

"Method for estimating age rate of laser with integrated electroabsorbtion with no external components" (App. #10/222,448)

"Method for monitoring semiconductor laser characteristics for high volume manufacture" (no App. # listed)

"Method to Utilize Chirp in Laser Transmitters to Provide Improved Performance in Optical Noise Limited Fiber Transmission Systems" (App. #10/303,471)

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RECORDED: 11/24/2003