

01-11-1999



Attorney Docket No. 17924-4

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(Rev. 6-93)

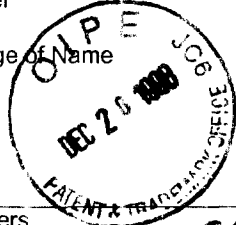
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U.S. Department of Commerce
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To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

<p>1. Name of conveying party(ies): Jingcheng Zhang</p> <p>Additional name(s) of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.</p>	<p>2. Name and address of receiving party(ies) Name: Pacific Fiberoptics, Inc. Internal Address: Street Address: 4101 Burton Drive City: Santa Clara State: CA ZIP: 95054</p> <p>Additional names and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: December 15, 1998</p>	<p>Stamp: PTO DEC 26 1998 PATENT & TRADEMARK OFFICE</p>

12.26.98



4. Application Number(s) or Patent Numbers. **09,151,056**

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): 09/151,056 B. Patent No(s)

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: David N. Slone TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (650) 326-2400</p>	<p>6. Total number of applications and patents involved</p> <p>7. Total fee (37 CFR 3.41): -----\$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge Fees to Deposit Account <input checked="" type="checkbox"/> Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.</p> <p>8. Deposit account number: 20-1430</p>
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

David N. Slone David Slone 12/21/98
Name of Person Signing Signature Date

Atty Reg. No. 28,572 Total number of pages including cover sheet, attachments and document 3

10. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover to:

Asst. Commissioner for Patents
Box: Assignments
Washington, D.C. 20231

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, JINGCHENG ZHANG of 1350 Piland Drive, San Jose, California 95130, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: **FIBEROPTIC TRANSMITTER USING THERMISTOR TO MAINTAIN STABLE OPERATING CONDITIONS OVER A RANGE OF TEMPERATURE**

Filing date: September 10, 1998 Application No.: 09/151,056; and

WHEREAS, PACIFIC FIBEROPTICS, INC., a Delaware corporation, located at 4101 Burton Drive, Santa Clara, California 95054, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which 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.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Date: 12/15/98



JINGCHENG ZHANG

STATE OF _____

COUNTY OF _____

On _____, before me, _____, a Notary Public, personally appeared _____, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executes the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

ASSIGN1.MRG 10/96