

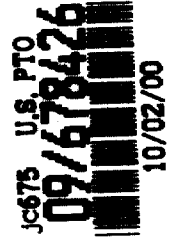
11-06-2000



101506160

PATENT
Docket No: 2807.2.3.1

10.2.00



October 2, 2000

BOX ASSIGNMENTS
Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

The enclosed document is being submitted for recordation in accordance with 37 C.F.R. § 3.11. Pursuant to 37 C.F.R. §§ 3.28 and 3.31, the following information is provided:

Conveying party(ies): John N. Hait
10776 Portobelo Drive
San Diego, California 92124
(an individual citizen of the United States of America)

Receiving party(ies): All Optical Networks
(a corporation of the State of Delaware)
9707 Waples Street
San Diego, California 92121

Nature of conveyance: Assignment

Date of execution: September 28, 2000

Application Serial No: Unassigned. The enclosed document is being submitted together with a new patent application.

Title: POLARIZATION-STABILIZING, PHASE-AND-POLARIZATION-INSENSITIVE, PHOTONIC DATA ROUTER

Correspondence concerning this request should be mailed to: Hal D. Baird
PATE PIERCE & BAIRD, P.C.
Bank One Tower
50 West Broadway, Suite 900
Salt Lake City, Utah 84101


Total fee enclosed: \$40.00 (Check No. 1192)

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

10/30/2000 ASELL:MMH 0000050 79670426 40.00 00 (

DATED this 2 day of October, 2000.

Respectfully submitted,



Hal D. Baird
Attorney for Applicant
Registration No. 42,284

Date: October 2, 2000

PATE PIERCE & BAIRD, P.C.
Bank One Tower
50 West Broadway, Suite 900
Salt Lake City, Utah 84101
Telephone: (801) 530-5090

ASSIGNMENT

Docket No.: 2807.2.3.1

I, John N. Hait of 10776 Portobelo Drive, San Diego, California 92124, have invented a method and apparatus entitled POLARIZATION-STABILIZING, PHASE-AND-POLARIZATION-INSENSITIVE, PHOTONIC DATA ROUTER, hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by me and now identified as File No. 2807.2.3.1 of the law firm of Pate, Pierce, and Baird, 341 South Main Street, Suite 405, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. _____ on _____. (I hereby authorize the attorneys of Pate, Pierce, and Baird to insert said serial number and filing date when known.)

The Assignee, All Optical Networks, a corporation of the State of Delaware and having a principal place of business at 9707 Waples Street, San Diego, California 92121, desires to secure the entire right, title and interest in said invention.

In consideration of \$1.00 and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which I hereby acknowledge, I HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention, in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, all previously filed provisional applications for which the present application seeks the benefit of an earlier filing date under 35 U.S.C. § 119, all reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and

all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.



John N. Hait
10776 Portobelo Drive
San Diego, California 92124

STATE OF California)
COUNTY OF San Diego) §

On this 28 day of Sept, 2000, personally appeared before me John N. Hait, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he/~~she~~ executed the same.

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9/9/04 NOTARY PUBLIC
COMMISSION EXPIRATION

