

05-18-2001

Attorney Docket No. 19930-001000US

FORM PTO-1595  
(Rev. 6-93)

101722446

or Sheet

U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Larry Fabiny

Additional name(s) of conveying parties attached?

☐ Yes ☒ No.

4-9-01

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

Execution Date: 10/25/00

## 2. Name and address of receiving party(ies)

Name: Network Photonics, Inc.

Internal Address: 4775 Walnut Street, Suite C

Street Address: 4775 Walnut Street, Suite C

City: Boulder State: CO ZIP: 80304

Additional names and addresses attached?

☐ Yes☒ No

APR - 9 2001

## 4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is: October 25, 2000

A. Patent Application No(s): 09/706,489

B. Patent No(s):

Additional numbers attached?

☐ Yes☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patrick M. Boucher  
TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, CA 94111-3834  
Phone: (303) 571-4000

## 6. Total number of applications and patents involved One (1)

## 7. Total fee (37 CFR 3.41): \$40.00

☐ Enclosed☒ Charge Fees to Deposit Account☒ Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

## 8. Deposit account number: 20-1430

DO NOT USE THIS SPACE

## 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.*

Patrick M. Boucher

Name of Person Signing

Signature

Date

Atty Reg. No. 44,037

Total number of pages including cover sheet, attachments and document 4

## 10. Change Correspondence Address to that of Part 5?

☐ Yes☐ No

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

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04/26/2001 AAHMED1 00000005 201430 09706489

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Asst. Commissioner for Patents  
Box: Assignments  
North Tower Building, Suite 10C35  
Washington, D.C. 20231PATENT  
REEL: 011844 FRAME: 0022

1. Additional name(s) of conveying party(ies):  
(Continued from Page 1)

2. Additional name(s) and address(es) of receiving party(ies):  
(Continued from Page 1)

3. Additional application number(s) or patent number(s):  
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

DE 7037178 v1

12-08-2000

Attorney Docket No. 19930-001000US

FORM PTO-1595  
(Rev. 6-93)

101544753

Sheet

U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents

Original documents or copy thereof

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NRD 11/3/00

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Date

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Total number of pages including cover sheet, attachments and document 4

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

Do not detach this portion

Mail documents to be recorded with required cover to:

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

PATENT

REEL: 011303 FRAME: 0608

PATENT

REEL: 011844 FRAME: 0024

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Larry Fabiny, of 3849 Orion Court, Boulder, CO, 80304, 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 Invention: REDUCTION OF POLARIZATION-DEPENDENT LOSS  
FROM GRATING USED IN DOUBLE-PASS  
CONFIGURATION

Date(s) of execution of Declaration 10/24/00

Filing Date 1/1

Application No.: and

WHEREAS, Network Photonics, Inc., of 4775 Walnut Street, Suite C, Boulder, CO, 80301, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. 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 any patent application claiming priority from 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 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.

PATENT  
REEL: 011303 FRAME: 0610

PATENT  
REEL: 011844 FRAME: 0025

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

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

Dated: 10/25/00

Larry Fabiny  
Larry Fabiny

STATE OF COLORADO       )  
                                  ) ss.  
COUNTY OF Boulder     )

On Oct 25, 2000, before me, Kathryn H. Gonzales, personally appeared Larry Fabiny, 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, executed the instrument.

WITNESS my hand and official seal.

Kathryn H. Gonzales  
NOTARY PUBLIC

My Commission Expires: 4/7/2001

4775 Walnut Street  
Boulder, CO 80301

DE 7025655 v1

RECORDED: 11/03/2000

PATENT  
REEL: 011303 FRAME: 0611

PATENT  
REEL: 011844 FRAME: 0026

**ASSIGNMENT OF PATENT APPLICATION**

SOLE

WHEREAS, Larry Fabiny, of 3849 Orion Court, Boulder, CO, 80304, 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 Invention:       REDUCTION OF POLARIZATION-DEPENDENT LOSS  
FROM GRATING USED IN DOUBLE-PASS  
CONFIGURATION

Date(s) of execution of Declaration: 10/25/00

Filing Date:             \_\_/\_\_/\_\_

Application No.:         ; and

WHEREAS, Network Photonics, Inc., of 4775 Walnut Street, Suite C, Boulder, CO, 80301, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. 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 any patent application claiming priority from 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 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.

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

Dated: 10/25/00

Larry Fabiny  
Larry Fabiny

STATE OF COLORADO           )  
  )  
COUNTY OF Boulder       )       ss.

On Oct. 25, 2000, before me, Kathy L. Gonzales, personally appeared Larry Fabiny, 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, executed the instrument.

WITNESS my hand and official seal.

Kathy L. Gonzales  
NOTARY PUBLIC

My Commission Expires: 4/7/2004

4775 Walnut Street  
Boulder, CO 80301

DE 7025655 v1