

06-17-2004

Docket No.: 3772-004-27 CIP

FORM PTO-1595  
1-31-92U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102769292

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): **6-10-04**  
Frederick G. JOHNSON; Oliver S. KING; David M. GILL;  
Timothy J. DAVIDSON; and Warren P. BERK

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

Name: Little Optics Inc.  
Address: 9020 Junction Drive  
Annapolis Junction, MD 20701Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

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

Execution Date: June 9, 2004

Additional name(s) and address(es) attached? ☐ Yes ☒ No4. Application number(s) or patent number(s): **10864511**If this document is being filed together with a new application, the execution date of the application is: **June 9, 2004**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Supervisor, Patent Prosecution Services  
PIPER RUDNICK LLP  
1200 Nineteenth Street, N.W.  
Washington, D.C. 20036-2412  
Telephone No. (202) 861-3900  
Facsimile No. (202) 223-20856. Total applications and patents involved: **One**

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

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-1442

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature

*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.*

James M. Heintz

Name of Person Signing

Signature

June 10, 2004

Date

Registration Number: 41,828

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PATENT  
 REEL: 015456 FRAME: 0647

**Assignment of Application**

WHEREAS, I (we), \_\_\_\_\_

Frederick G. JOHNSON, 6900 Forbes Blvd., Lanham, MD 20706;

Oliver S. KING, 23 Locust Ave, Annapolis, MD 21401;

David M. GILL, 229 Hickory Pt Rd, Pasadena, MD 21122;

Timothy J. DAVIDSON, 1426 Riverside Ave, Baltimore, MD 21230; and

Warren P. BERK, 812 Ferguson Rd, Joppatowne, MD 21085

\_\_\_\_\_, respectively,

have invented certain new and useful improvements in: Silicon-Oxycarbide HighIndex Contrast, Low-Loss Optical Waveguides and Integrated Thermo-Optic Devicesfor which an application for Letters Patent was executed on June 9, 2004

(Application No. \_\_\_\_\_, Filed \_\_\_\_\_); and

WHEREAS, LITTLE OPTICS INC.(hereinafter referred to as "ASSIGNEE"), having a place of business at:  
9020 Junction DriveAnnapolis Junction, MD 20701

is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals and reissues thereof.

I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.


Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Piper Rudnick LLP, Attorneys at Law, 1200 Nineteenth Street, N.W., Washington, D.C. 20036-2412, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

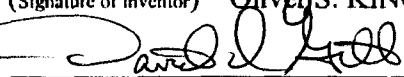
Date: 9 JUNE 2004

  
(Signature of Inventor) Frederick G. JOHNSON

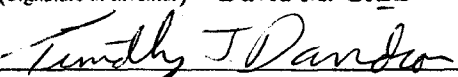
Date: 6/9/04

  
(Signature of Inventor) Oliver S. KING

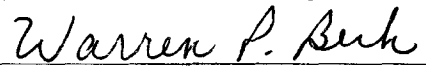
Date: 6/9/04

  
(Signature of Inventor) David M. GILL

Date: 9/June/2004

  
(Signature of Inventor) Timothy J. DAVIDSON

Date: 6/9/04

  
(Signature of Inventor) Warren P. BERK

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

**PIPER RUDNICK LLP**  
1200 NINETEENTH STREET, N.W.  
WASHINGTON, D.C. 20036-2412