Form <b>PTO-1595</b> (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
Tab settings ⇔⇔ ♥ ▼ ▼	<b>V V V</b>
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
Name of conveying party(ies):	Name and address of receiving party(ies)
David M. Gill S. 4-04	Name: Little Optics Legal Dept
Oliver S. King	Internal Address: attn: Fred Johnson
Frederick G. Johnson	O
Additional name(s) of conveying party(ies) attached? 📮 Yes 🛂 No	<u>88 = </u>
3. Nature of conveyance:	7.8. 7.8.
🖺 Assignment 🖳 Merger	883
☐ Security Agreement ☐ Change of Name	Street Address: 9020 Junction Dr 800
	去. <b>量</b>
Use Other	Annapolis
	City: Junction State: MD Zip: 20701
Execution Date: 4/30/64	Additional name(s) & address(es) attached? 📮 Yes 📮 No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new appli-	cation, the execution date of the application is: 4/34/04
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached? ☐ Yes ☒ No	
5. Name and address of party to whom correspondence	7 <sup>11</sup>
concerning document should be mailed:	
Name: Little Optics	7. Total fee (37 CFR 3.41)\$
Internal Address: Legal Dept	Enclosed
	Authorized to be charged to deposit account
Street Address: 9020 Junction Dr	8. Deposit account number:
Annapolis City: Junction State: MD Zip: 20701	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
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.	
Frederick G Johnson Vru	Al Glim 4/29/2004
Name of Person Signing	Signature Date
Total number of pages including cover sheet, attachments, and documents:  Mail documents to be recorded with required cover sheet information to:	

Commissioner of Patents & Trademarks, Box Assignments Vashington, D.C. 20231

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PATENT REEL: 015304 FRAME: 0898

## **ASSIGNMENT**

In consideration of the premises and other good and valuable acknowledged, the undersigned,	le consideration in hand paid, the receipt and sufficiency of which is hereby
(1) David M. Gill	
(2) Oliver S. King	
(3) Frederick G. Johnson	
who has made a certain new and useful invention, hereby sell, assign a	nd transfer unto
LITTLE OPTICS, INC.	
9020 JUNCTION DRIVE	· · · · · · · · · · · · · · · · · · ·
ANNAPOLIS JUNCTION, MD 20701	
its successors and assigns (hereinafter designated "ASSIGNEE") the er U.S.C. 100 in the invention entitled	ntire right, title and interest for the United States of America as defined in 35
INTEGRATED OPTICAL CIRCUIT WITH DENSE PLANAR	IZED CLADDING LAYER
(a) for which an application for United States Letters Patent was	s filed on, and identified by United States Serial No.
(b) for which an application for United States Letters Patent was exec	euted on,
Letters Patent which may be granted therefor and/or that claim priority continuations, or continuations-in-part thereof and/or that claim priority	Commissioner of Patents and Trademarks to issue any and all United States of thereto and any and all extensions, divisions, reissues, substitutes, renewals, try thereto, and the right to all benefits under the International Convention for interest as ASSIGNEE, its successors, assigns and legal representatives; the I hereafter act on behalf of said ASSIGNEE;
original, divisional, reissued or extended Letters Patent of the United S representatives, and without further remuneration, in and to any impro-	and to render all necessary assistance in making application for and obtaining states, upon request of the said ASSIGNEE, its successors, assigns and legal vements, and applications for patent based thereon, growing out of or related NEE, its successors, assigns and legal representatives, deemed essential to transferred.
SIGNED on the dates indicated aside our signatures: INVENTORS	DATE SIGNED
Name: David M. Gill	4/30/02/
2) Name: Oliver S. King	4/30/04
3) Trull Johnson Name: Frederick G. Johnson	4/28/2004

**RECORDED: 05/04/2004** 

PATENT REEL: 015304 FRAME: 0899