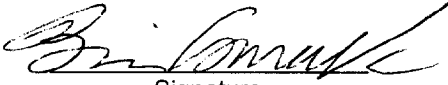


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Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼		RECORDATION UNIT 102377602 PATENTS ONLY		DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): James O. Unruh Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: Photonics, Inc. Internal Address: _____ Street Address: 1061 East Indiantown Road Suite 310 City: Jupiter State: FL Zip: 33477 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
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 _____ Execution Date: February 14, 2003					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 2/14/2003 A. Patent Application No.(s) 10369267 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			B. Patent No.(s)		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Charles R. Macedo, Esq. Internal Address: Amster, Rothstein & Ebenstein Street Address: 90 Park Avenue City: New York State: NY Zip: 10016			6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 01-1785 (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>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.</i> Brian A. Comack, Esq.  February 19, 2003 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: 3					

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 013784 FRAME: 0401

A S S I G N M E N T

WHEREAS, James O. Unruh, residing at Allen, Texas (hereinafter "the Assignor"), has invented certain new and useful improvements in METHOD FOR FABRICATING CHIRPED FIBER BRAGG GRATINGS, for which an application for United States Letters Patent is being filed herewith, and

WHEREAS, Photronics, Inc. (hereinafter "the Assignee"), a corporation organized under the laws of the State of Florida, having a principal place of business at 1061 East Indiantown Road, Suite 310, Jupiter, Florida 33477, is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

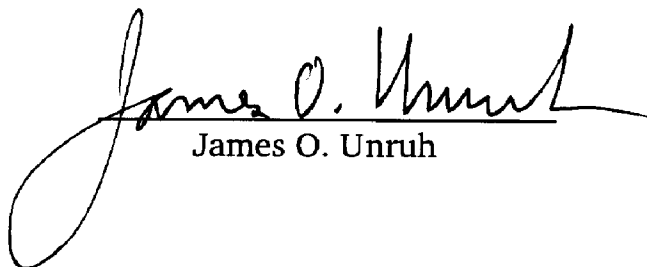
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto the Assignee the full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the end of the term or terms for which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignor hereby authorizes the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assign, sell, transfer and set over unto the Assignee and its successors all priority rights under the aforesaid application.

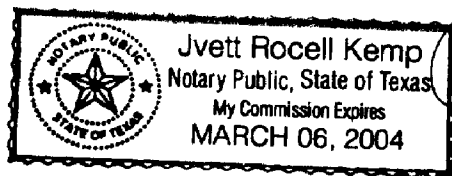
Assignor further covenants to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

IN WITNESS WHEREOF, Assignor has signed this Assignment on this 14th day of Feb, 2003.


James O. Unruh

STATE OF TEXAS)
) ss.:
COUNTY OF)

On this 14th day of Feb, 2003, before me came James O. Unruh, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.




Notary Public