



09-26-2002



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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Ryan T. Vo

9.18.02

2. Name and address of receiving party(ies)

Name: PHOTRONICS, INC.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: 1061 East Indiantown Road

Suite 310

City: Jupiter State: FL Zip: 33477

Execution Date: August 15, 2002

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 application, the execution date of the application is: _____

A. Patent Application No.(s)

10/099,622

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Charles R. Macedo

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

01-1785

(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.

Brian A. Comack

Name of Person Signing

Signature

September 17, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 4

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

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PATENT REEL: 013318 FRAME: 0382

ASSIGNMENT

WHEREAS, Ryan T. Vo (hereinafter "the Assignor"), a citizen of the United States of America, residing at 3632 Ruther Place Way, San Jose, California 95121, has invented with Charles Croke, Peter F. Jones, Edward Arthur Mills, James P. Morrison, Mary R. Spano, and Edward J. Suttle, a certain new AUTOMATED MANUFACTURING SYSTEM AND METHOD FOR PROCESSING PHOTOMASKS for which an application for United States Letters Patent was executed 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) USD, 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 assigns, sells, transfers and sets 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.

