

8/17/06

08-23-2006

Docket No. 186367/US/2/MSS (476496-2)

FORM PTO 1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

F



ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

103295247

To the Honorable Commissioner of Patents and Trademarks

ie attached original documents or copy thereof.

1. Name(s) of conveying party(ies):
Alvin Dale Kluesing, Sai C. Manapragada

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: November 4, 2005

2. Name and address of receiving party(ies)

Name: PHOTRON TECHNOLOGIES, LTD.

Internal Address: Suite 118

Street Address: 1554 S. Sepulveda Blvd.

City: Los Angeles State: CA

ZIP: 90025

Country: U.S.

Additional name(s) & address(es) attached Yes No

4. Application number(s) or patent number(s): 11/171,177

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

A. Patent Application No.(s) 11/171,177

B. Patent No.(s) AUG 17 2006

Additional numbers attached? Yes No

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

Name: Maria S. Swiatek

Internal Address: DORSEY & WHITNEY LLP

Street Address: 555 California Street, Suite 1000

City: San Francisco State: CA ZIP 94104-1513

6. Total Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). x \$40. 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit Account number: 50-2319 (Our Order No. 186367/US/2/MSS (476496-2))

(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.

Maria S. Swiatek August 14, 2006
Name of Person Signing Signature Date

Reg. No. 37,244

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

Mail documents to be recorded with required cover sheet information to:

United States Patent and Trademark Office
Attn: Assignment Division
2900 Crystal Drive, 9th Floor
Arlington, VA 22202

08/22/2006 DBYRNE 00000079 11171177

01 FC:8021

(40.00 DP)

4817-7441-1009\1

ASSIGNMENT

WHEREAS, the undersigned, **Alvin Dale Kluesing**, a resident of **San Jose, California**; and **Sai C. Manapragada**, a resident of **San Jose, California**; (collectively hereinafter termed "Inventors"), have jointly invented certain new and useful improvements in **SYSTEMS AND METHODS FOR HIGH-EFFICIENCY TRANSMISSION OF INFORMATION THROUGH NARROWBAND CHANNELS**, for which invention we have executed a United States utility patent application, having Serial No. 11/171,177, and filing date of June 29, 2005, and which invention is fully described in the specification pertaining to said application.

WHEREAS, **PHOTRON TECHNOLOGIES, LTD.** (hereinafter termed "Assignee"), a body having corporate powers under the laws in the British Virgin Islands, having a place of business at **1554 S. Sepulveda Blvd., Suite 118, Los Angeles, California 90025**, is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

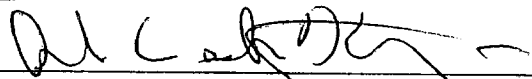
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a utility, division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents; and (e) all claims for damages by reason of past infringement of said patents, with the right to sue for and collect the same for its own use and enjoyment, and for use and enjoyment of its successors, assigns or other legal representatives.

2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting utility, substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefore and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his respective heirs, legal representatives and assigns.

4. Said Inventors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee this 4th day of November, 2005.



 Alvin Dale Kluesing

State of California)
 County of Santa Clara)

On this 4th day of November, in the year 2005, before me, C. Anderson,
 Notary Public of the State of California in the County of Santa Clara, personally appeared Alvin Dale Kluesing, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(ies), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

