

U.S. PTO  
12/217011  
07/01/2008

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 7/31/2001)

07-14-2008

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



HEET

To the Director of the U.S. Pat.

103513613

and documents or the new address(es) below.

**1. Name of conveying party(ies)**

Brent A. Joffer 06-25-08 Matthew R. Mueller 06-26-08  
Brett D. Wendler 06-26-08 Shannon Lee Mutschelknaus 06-24-08  
Glenn P. Luke 06-23-08 Joseph G. Schulte 06-25-08  
Nathan L. Nearman 06-19-08 Eric S. Bravek 06-23-08  
Chad M. Gloege 06-20-08 Ryan M. Hansen 06-26-08

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) (various dates)

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

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

Name: Daktronics, Inc.

Internal Address: \_\_\_\_\_

Street Address: 331 32nd Avenue

P.O. Box 5128

City: Brookings

State: SD

Country: US Zip: 57006-5128

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Hugh D. Jaeger, P.A.

Internal Address: \_\_\_\_\_

Street Address: 150 Lake Street West, Suite 106

P.O. Box 432

City: Wayzata

State: MN Zip: 55391

Phone Number: 952-475-1880

Fax Number: 952-475-2930

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 10-0230

Authorized User Name Hugh D. Jaeger

**9. Signature:**

Hugh D. Jaeger  
Signature

7/10/08  
Date

Hugh D. Jaeger, Esq. (Reg. No. 27,270)

P675

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

7/03/2008 LTRUONG 00000033 12217011

FC:8021

40.00 DP

PATENT  
REEL: 021245 FRAME: 0281

# ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

For U.S. and/or Foreign Rights  
For U.S. Application

Attorney Docket:

DAKTRONICS P675

In consideration of the payment by ASSIGNEE(s) to ASSIGNOR(s) of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, the undersigned ASSIGNORS (inventors) hereby sell, assign and transfer to ASSIGNEE:

Assignee: Daktronics, Inc.

Address: 331 32nd Avenue  
P.O. Box 5128  
Brookings, SD 57006-5128

Nationality:

US

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled:

## PIXEL INTERLEAVING CONFIGURATIONS FOR USE IN HIGH DEFINITION ELECTRONIC SIGN DISPLAYS

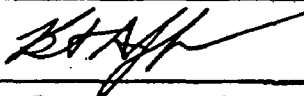
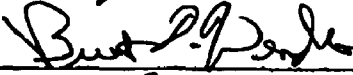

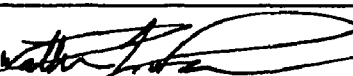
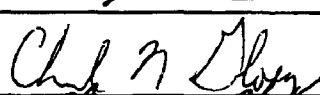


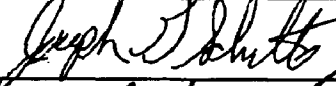


and which is found in

- (a) ☒ U.S. patent application executed on even date herewith;  
 (b) ☐ U.S. patent application executed on \_\_\_\_\_;  
 (c) ☐ U.S. application Serial No. \_\_\_\_\_;  
 (d) ☐ U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_;  
 (e) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority;

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

	ASSIGNORS (Inventors)	SIGNATURE	ADDRESS	NATIONALITY	DATE
1	Brent A. Joffer		708 8th Street, Apt. 4 Brookings, SD 57006	US	25 Jun 2008
2	Brett D. Wendler		1812 North Maple Watertown, SD 57201	US	26 Jun 08
3	Glenn P. Luke		702 3rd Street Brookings, SD 57006	US	23 June 08
4	Nathan L. Nearman		602 4th Street South Brookings, SD 57006	US	19 Jun 08
5	Chad N. Gloege		1030 Oakwood Circle Brookings, SD 57006	US	6-20-08
6	Matthew R. Mueller		1407 Pheasant Run Road Brookings, SD 57006	US	6-26-08
7	Shannon Lee Mutschelknaus		424 7th Avenue South Brookings, SD 57006	US	6-24-08
8	Joseph G. Schulte		110 16th Avenue Brookings, SD 57006	US	6-25-08
9	Eric S. Bravek		1617 Cardinal Drive Brookings, SD 57006	US	6-23-08
10	Ryan M. Hansen		2114 Birch Avenue Northeast Watertown, SD 57201	US	6-26-08