

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 339.014US1

Patent and Trademark Office

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**To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.**

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## 1. Name of conveying party(ies):

Reece A. Kurtenbach, Brian F. Vogl, Joseph G. Schulte,  
Jeremy C. Johnson, Brent A. Joffer, Steven J. Top,  
Thomas R. Mittan

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date: April 29, 2010, April 27, 2010, May 3,  
2010, April 29, 2010, April 29, 2010, May 3, 2010, May  
3, 2010

## 2. Name and address of receiving party(ies):

Name: Daktronics, Inc.

Street Address: 201 Daktronics Drive

City: Brookings State: SD Zip: 57006  
Country: United States of AmericaAdditional 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)

B. Patent No.(s)

Serial No. 12/761,829, filed April 16, 2010

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: Gregory W. Smock

Address:

Schwegman, Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402--09386. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account  
19-07438. Please charge any additional fees or credit any over  
payments to our Deposit Account No.: 19-0743

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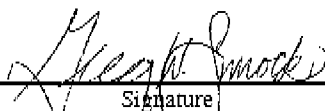
**DO NOT USE THIS SPACE**

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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.Gregory W. Smock/Reg. No. 60,208

Name of Person Signing

  
SignatureJune 9, 2010

Date

Total number of pages including cover sheet: 10

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

Commissioner of Patents and Trademarks

Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

700438816

PATENT  
REEL: 024518 FRAME: 0167

CH \$40.00 190743 12761829

Attorney Docket No. 339.014US1

**ASSIGNMENT**

WHEREAS, We, Reece A. Kurtenbach, residing at 1816 Pebble Beach Drive, Brookings, South Dakota 57006, and Brian F. Vogl, residing at 230 Half Moon Raod, Brookings, South Dakota 57006, and Joseph G. Schulte, residing at 110 16th Avenue, Brookings, South Dakota 57006, and Jeremy C. Johnson, residing at 1907 17th Avenue South, Brookings, South Dakota 57006, and Brent A. Joffer, residing at 708 8th Street, Apt. 4, Brookings, South Dakota 57006, and Steven J. Top, residing at 1945 Orchard Drive, Brookings, South Dakota 57006, and Thomas R. Mittan, residing at 2110 Rhand Rd., Brookings, South Dakota 57006, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on April 16, 2010, which application was assigned U.S. patent application serial number 12/761,829, and is entitled AN ENTERPRISE NETWORK SYSTEM FOR PROGRAMMABLE ELECTRONIC DISPLAYS;

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Daktronics, Inc. (the "Assignee"), a corporation of the State of South Dakota, having a place of business at 201 Daktronics Drive, Brookings, SD 57006, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

**Additional Application Information**

*U.S. Provisional Application Serial No. 61/170,409, filed on April 17, 2009.*

*No International or foreign claim for priority is being made at this time.*

## ASSIGNMENT

Assignors: Reece A. Kurtenbach et al.

Title: AN ENTERPRISE NETWORK SYSTEM FOR PROGRAMMABLE ELECTRONIC DISPLAYS

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Docket No: 339.014US1

Serial Number: 12/761,829

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

## ASSIGNMENT

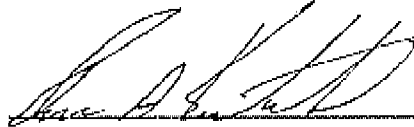
Assignors: Reece A. Kurtenbach et al.

Title: AN ENTERPRISE NETWORK SYSTEM FOR PROGRAMMABLE ELECTRONIC DISPLAYS

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Docket No: 339 014US1

Serial Number: 12/761,829

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day ofApril, 2010


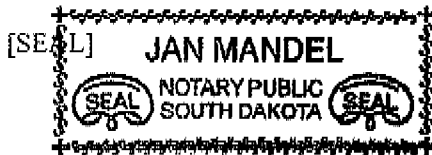
Reece A. Kurtenbach

STATE OF South Dakota

)ss

COUNTY OF Brookings

On this 29 day of April, 2010, before me personally appeared Reece A. Kurtenbach, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public

Commission expires June 11, 2014

## ASSIGNMENT

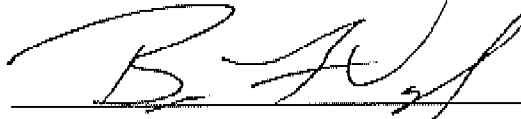
Assignors: Reece A. Kurtenbach et al.

Title: AN ENTERPRISE NETWORK SYSTEM FOR PROGRAMMABLE ELECTRONIC DISPLAYS

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Docket No: 339 014US1

Serial Number: 12/761,829

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27<sup>th</sup> day ofApril, 2010.

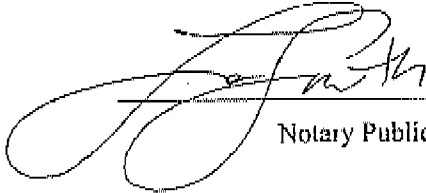
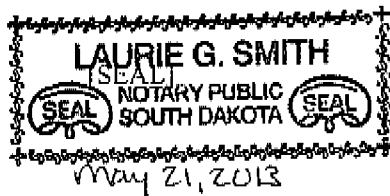
Brian F. Vogl

STATE OF South Dakota )

)ss

COUNTY OF Brule )

On this 27<sup>th</sup> day of April, 2010 before me personally appeared Brian F. Vogl, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public

## ASSIGNMENT

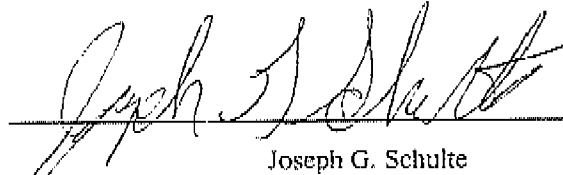
Assignors: Reece A. Kurtenbach et al.

Title: AN ENTERPRISE NETWORK SYSTEM FOR PROGRAMMABLE ELECTRONIC DISPLAYS

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Docket No: 339 014US1

Serial Number: 12/761,829

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day ofMay, 2010.  
\_\_\_\_\_  
Joseph G. SchulteSTATE OF South Dakota

)ss

COUNTY OF Brookings

On this 3 day of May, 2010 before me personally appeared Joseph G. Schulte, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

  
\_\_\_\_\_  
Notary PublicCommission expires June 11, 2014

PATENT

REEL: 024518 FRAME: 0172

## ASSIGNMENT

Assignors: Reece A. Kurtenbach et al.

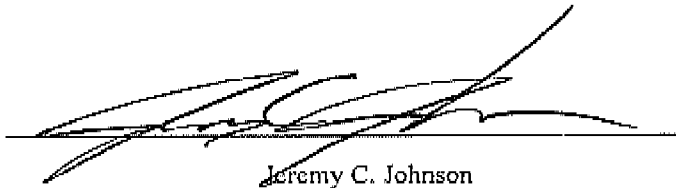
Docket No: 339 014US1

Serial Number: 12/761,829

Title: AN ENTERPRISE NETWORK SYSTEM FOR PROGRAMMABLE ELECTRONIC DISPLAYS

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 29<sup>th</sup> day of  
April, 20 10.



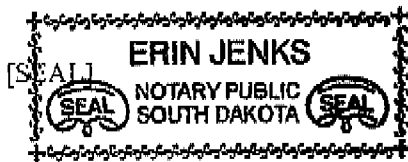
Jeremy C. Johnson

STATE OF South Dakota

)ss

COUNTY OF Brookings

On this 29<sup>th</sup> day of April, 20 10 before me personally appeared  
Jeremy C. Johnson, to me known and known to me to be the person described in and who  
executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the  
same for the uses and purposes therein set forth.

  
Notary PublicMy commission expires: January 16, 2013

## ASSIGNMENT

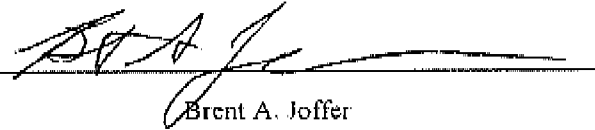
Assignors: Reece A. Kurtenbach et al.

Title: AN ENTERPRISE NETWORK SYSTEM FOR PROGRAMMABLE ELECTRONIC DISPLAYS

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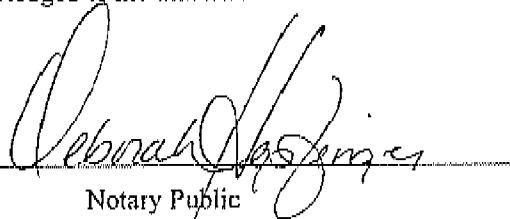
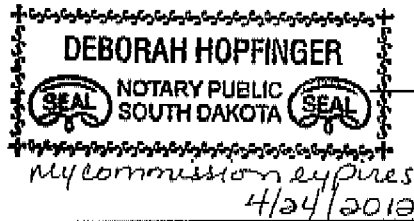
Docket No: 339 014US1

Serial Number: 12/761.829

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day ofApril, 20 10  
Brent A. JofferSTATE OF South DakotaCOUNTY OF Brookings )ss

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ before me personally appeared Brent A. Joffer, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public



## ASSIGNMENT

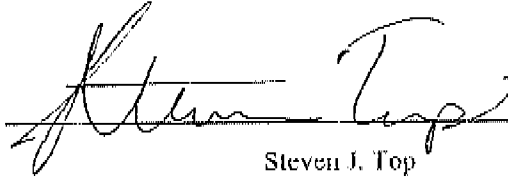
Assignors: Reece A. Kurlenhach et al.

Title: AN ENTERPRISE NETWORK SYSTEM FOR PROGRAMMABLE ELECTRONIC DISPLAYS

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Docket No: 339 014US1

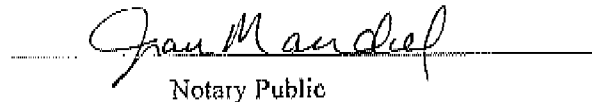
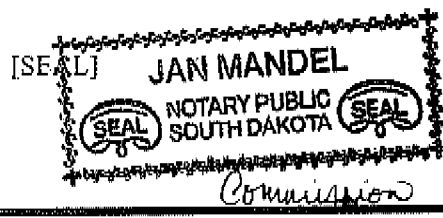
Serial Number: 12/761,829

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day ofMay, 2010.  
Steven J. TopSTATE OF South Dakota

)ss

COUNTY OF Brookings

On this 3 day of May, 2010 before me personally appeared Steven J. Top, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

  
Notary Public

## ASSIGNMENT


Assignors: Reece A. Kurtenbach et al.

Docket No: 339 014US1

Serial Number: 12/761,829

Title: AN ENTERPRISE NETWORK SYSTEM FOR PROGRAMMABLE ELECTRONIC DISPLAYS

Page 9 of 9

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day ofMay, 2010.

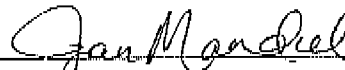
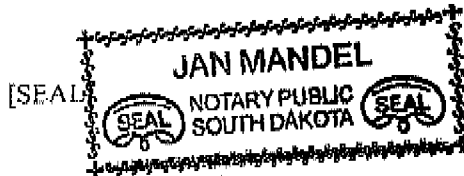
Thomas R. Mittan

STATE OF South Dakota

)ss

COUNTY OF Brookings

On this 3 day of May, 2010 before me personally appeared Thomas R. Mittan, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public

Commission expires June 11, 2014