

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7948542

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
DAKTRONICS, INC.	05/11/2023
RECEIVING PARTY DATA	
Name:	JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT
Street Address:	10 S. DEARBORN STREET
Internal Address:	FLOOR 35
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60603
PROPERTY NUMBERS Total: 80	
Property Type	Number
Patent Number:	8194385
Patent Number:	7869198
Patent Number:	8702048
Patent Number:	8694579
Patent Number:	10653023
Patent Number:	10749085
Patent Number:	7502950
Patent Number:	7868903
Patent Number:	8400436
Patent Number:	8130175
Patent Number:	9972229
Patent Number:	10658099
Patent Number:	10154740
Patent Number:	10317007
Patent Number:	10985604
Patent Number:	7055271
Patent Number:	7448154
Patent Number:	8122627
Patent Number:	9880797

Property Type	Number
Patent Number:	D896928
Patent Number:	10660225
Patent Number:	11109495
Patent Number:	8104204
Patent Number:	11572974
Patent Number:	11450245
Patent Number:	D958165
Patent Number:	11163515
Patent Number:	10806041
Patent Number:	10103297
Patent Number:	10015896
Patent Number:	9503797
Patent Number:	9172929
Patent Number:	9644823
Patent Number:	9612004
Patent Number:	8350788
Patent Number:	8301939
Patent Number:	8172097
Patent Number:	8136279
Patent Number:	D648803
Patent Number:	8001455
Patent Number:	8414149
Patent Number:	7893948
Patent Number:	8844180
Patent Number:	7823308
Patent Number:	7694444
Patent Number:	8344410
Patent Number:	7774968
Patent Number:	7907133
Patent Number:	6816389
Patent Number:	9447799
Patent Number:	9879821
Patent Number:	8604509
Patent Number:	8552928
Patent Number:	9052092
Patent Number:	8106923
Patent Number:	8363038
Patent Number:	8552929

Property Type	Number
Patent Number:	8269700
Patent Number:	8711067
Patent Number:	9691305
Patent Number:	10999940
Patent Number:	9880787
Patent Number:	7161558
Patent Number:	6829852
Patent Number:	8721116
Patent Number:	9928760
Patent Number:	9538588
Patent Number:	10136205
Patent Number:	10201100
Patent Number:	7926213
Application Number:	17031245
Application Number:	17453776
Application Number:	17362042
PCT Number:	US2010001138
Application Number:	17387365
Application Number:	17892675
PCT Number:	US2020032093
PCT Number:	US2019050593
Application Number:	17452942
PCT Number:	US2021072269

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3128637141

Email: kristen.lange@goldbergkohn.com

Correspondent Name: KRISTEN N. LANGE, PARALEGAL

Address Line 1: C/O GOLDBERG KOHN LTD.

Address Line 2: 55 E. MONROE STREET, STE. 3300

Address Line 4: CHICAGO, ILLINOIS 60603

ATTORNEY DOCKET NUMBER:	1075.341
NAME OF SUBMITTER:	KRISTEN N. LANGE
SIGNATURE:	/kristenlange/
DATE SIGNED:	05/11/2023
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 9

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PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (as amended, restated, supplemented or modified from time to time, this "Patent Security Agreement"), dated as of May 11, 2023, is by DAKTRONICS, INC., a South Dakota corporation ("Grantor"), in favor of JPMORGAN CHASE BANK, N.A., as the administrative agent (the "Administrative Agent").

WITNESSETH

WHEREAS, pursuant to that certain Credit Agreement dated as of the date hereof by and among Grantor, the other Loan Parties party thereto from time to time, the Lenders party thereto from time to time and the Administrative Agent (as the same may be from time to time amended, restated, amended and restated, supplemented or otherwise modified, the "Credit Agreement"), the Lenders have agreed to make loans to the Borrowers;

WHEREAS, in connection with the Credit Agreement, Grantor executed and delivered to the Administrative Agent that certain Pledge and Security Agreement dated as of the date hereof (as the same may be from time to time amended, restated, amended and restated, supplemented or otherwise modified, the "Security Agreement"); and

WHEREAS, in connection with the Security Agreement, Grantor has agreed to execute and deliver to the Administrative Agent this Patent Security Agreement.

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor hereby agrees as follows:

1. **DEFINED TERMS.** All capitalized terms used but not otherwise defined herein have the meanings given to them in the Security Agreement or Credit Agreement, as applicable.

2. **GRANT OF SECURITY INTEREST IN PATENT COLLATERAL.** Grantor hereby grants to the Administrative Agent a continuing first priority (subject to Permitted Encumbrances and the Intercreditor Agreement) security interest in all of Grantor's right, title and interest in, to and under the following, whether presently existing or hereafter created or acquired to secure all of the Secured Obligations (collectively, the "Patent Collateral"): (a) any and all patents and patent applications, including those registered Patents referred to on Schedule I hereto; (b) all inventions and improvements described and claimed therein; (c) all reissues, divisions, continuations, renewals, extensions, and continuations-in-part thereof; (d) all income, royalties, damages, claims, and payments now or hereafter due or payable under and with respect thereto, including, without limitation, damages and payments for past and future infringements thereof; (e) all rights to sue for past, present, and future infringements thereof; and (f) all rights corresponding to any of the foregoing throughout the world.

3. **PLEDGE AND SECURITY AGREEMENT.** The security interests granted pursuant to this Patent Security Agreement are granted in conjunction with the security interests granted to the Administrative Agent pursuant to the Security Agreement. Grantor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein

4. **AUTHORIZATION TO SUPPLEMENT.** If Grantor shall obtain rights to any new patents, the provisions of this Patent Security Agreement shall automatically apply thereto. Grantor shall give

prompt (and in any case in the next Compliance Certificate required to be delivered pursuant to the Credit Agreement) notice in writing to the Administrative Agent with respect to any such new patents. Without limiting Grantor's obligations under this Section 4, Grantor hereby authorizes the Administrative Agent unilaterally to modify this Agreement by amending Schedule I to include any such new patent rights of Grantor. Notwithstanding the foregoing, no failure to so modify this Patent Security Agreement or amend Schedule I shall in any way affect, invalidate or detract from the continuing security interest of the Administrative Agent in all Collateral, whether or not listed on Schedule I.

5. COUNTERPARTS. This Patent Security Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all such separate counterparts shall together constitute but one and the same instrument. In proving this Patent Security Agreement in any judicial proceedings, it shall not be necessary to produce or account for more than one such counterpart signed by the party against whom such enforcement is sought. Any signatures delivered by a party by facsimile transmission or by e-mail transmission shall be deemed an original signature hereto.

6. CHOICE OF LAW. THIS PATENT SECURITY AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE INTERNAL LAWS (AND NOT THE LAW OF CONFLICTS) OF THE STATE OF NEW YORK, BUT GIVING EFFECT TO FEDERAL LAWS APPLICABLE TO NATIONAL BANKS.

[signature pages follow]

IN WITNESS WHEREOF, Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

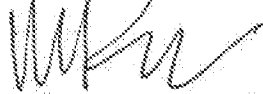
GRANTOR:

DAKTRONICS, INC., a South Dakota corporation

By: *Shella Anderson*
Name: *Shella Anderson*
Title: *CEO*

ACCEPTED AND ACKNOWLEDGED BY:

JPMORGAN CHASE BANK, N.A.,
as Administrative Agent

By: 
Name: Michael Fine
Title: Authorized Officer

SCHEDULE I
to
PATENT SECURITY AGREEMENT

PATENTS

Patent Description	Patent Number	Issue Date	Name of Grantor
Precision alignment system	8194385	06/05/12	Daktronics, Inc.
Multiple seal electronic display module having displacement springs	7869198	01/11/11	Daktronics, Inc.
Support assembly	8702048	04/22/14	Daktronics, Inc.
Enterprise network system for programmable electronic displays	8694579	04/08/14	Daktronics, Inc.
Magnetic adjustment tool for a display module	10653023	05/12/20	Daktronics, Inc.
Encapsulation of light-emitting elements on a display module	10749085	08/18/20	Daktronics, Inc.
A dual power supply switching system operating in parallel for providing power to a plurality of LED display modules	7502950	03/10/09	Daktronics, Inc.
Flexible pixel element fabrication and sealing method	7868903	01/11/11	Daktronics, Inc.
Intelligent interface display system relating real-time data with compiled data	8400436	03/19/13	Daktronics, Inc.
Pixel interleaving configurations for use in high definition electronic sign displays	8130175	03/06/12	Daktronics, Inc.
Display module mounting	9972229	05/15/18	Daktronics, Inc.
Magnetic latch for a display module	10658099	05/19/20	Daktronics, Inc.
Electronic display cabinet	10154740	12/18/18	Daktronics, Inc.
Support assembly	10317007	06/11/19	Daktronics, Inc.
Power supply redundancy device for a display system	10985604	04/20/21	Daktronics, Inc.
Electronic display module having a four-point latching system for incorporation into an electronic sign and process	7055271	06/06/06	Daktronics, Inc.
Sign system	7448154	11/11/08	Daktronics, Inc.

Patent Description	Patent Number	Issue Date	Name of Grantor
Ventilated washable electronic sign display enclosure	8122627	02/28/12	Daktronics, Inc.
Intelligent interface display system relating real-time data with compiled data	9880797	01/30/18	Daktronics, Inc.
Display screen with graphical user interface	D896928	09/22/20	Daktronics, Inc.
Magnetic latch for a display module	10660225	05/19/20	Daktronics, Inc.
Banner display	11109495	08/31/21	Daktronics, Inc.
Electronic sign having vertically hinged face panel doors	8104204	01/31/12	Daktronics, Inc.
Magnetically-actuated latch mechanism for display module	11572974	02/07/23	Daktronics, Inc.
Face cover for a display module	11450245	09/20/22	Daktronics, Inc.
Portion of a display screen with a graphical user interface	D958165	07/19/22	Daktronics, Inc.
Controller redundancy for a display system	11163515	11/02/21	Daktronics, Inc.
Mounting structures for a banner display	10806041	10/13/20	Daktronics, Inc.
Encapsulation of light-emitting elements on a display module	10103297	10/16/18	Daktronics, Inc.
Ventilated electronic display enclosure	10015896	07/03/18	Daktronics, Inc.
Audio and display system	9503797	11/22/16	Daktronics, Inc.
Encapsulation of light-emitting on a display module	9172929	10/27/15	Daktronics, Inc.
Display module mounting	9644823	05/09/17	Daktronics, Inc.
Display module mounting	9612004	04/04/17	Daktronics, Inc.
Louver panel for an electronic sign	8350788	01/08/13	Daktronics, Inc.
Redundant data path	8301939	10/30/12	Daktronics, Inc.
LED display module	8172097	05/08/12	Daktronics, Inc.
Electronic sign module housing having an overmolded gasket seal	8136279	03/20/12	Daktronics, Inc.
Basketball stanchion display	D648803	11/15/11	Daktronics, Inc.
Translation table	8001455	08/16/11	Daktronics, Inc.

Patent Description	Patent Number	Issue Date	Name of Grantor
Light element seal module and method for same	8414149	04/09/13	Daktronics, Inc.
Flexible pixel hardware and method	7893948	02/22/11	Daktronics, Inc.
Electronic display mounting system	8844180	09/30/14	Daktronics, Inc.
Electronic sign having a formed metal cabinet	7823308	11/02/10	Daktronics, Inc.
Electronic sign having a formed metal cabinet	7694444	04/13/10	Daktronics, Inc.
Flexible pixel element and signal distribution means	8344410	01/01/13	Daktronics, Inc.
Transportable electronic sign display system	7774968	08/17/10	Daktronics, Inc.
Pixel interleaving configurations for use in high definition electronic sign displays	7907133	03/15/11	Daktronics, Inc.
LED module latch system	6816389	11/09/04	Daktronics, Inc.
Support assembly	9447799	09/20/16	Daktronics, Inc.
Support assembly	9879821	01/30/18	Daktronics, Inc.
Flexible pixel element and signal distribution means	8604509	12/10/13	Daktronics, Inc.
Sealed pixel assemblies, kits and methods	8552928	10/08/13	Daktronics, Inc.
Sealed pixel assemblies, kits and methods	9052092	06/09/15	Daktronics, Inc.
Flexible pixel hardware and method	8106923	01/31/12	Daktronics, Inc.
Flexible pixel hardware and method	8363038	01/29/13	Daktronics, Inc.
Flexible pixel hardware and method	8552929	10/08/13	Daktronics, Inc.
Pixel interleaving configurations for use in high definition electronic sign displays	8269700	09/18/12	Daktronics, Inc.
Pixel interleaving configurations for use in high definition electronic sign displays	8711067	04/29/14	Daktronics, Inc.
Pixel interleaving configurations for use in high definition electronic sign displays	9691305	06/27/17	Daktronics, Inc.
Electronic display mounting system	10999940	05/04/21	Daktronics, Inc.

Patent Description	Patent Number	Issue Date	Name of Grantor
Intelligent interface display system relating real-time data with compiled data	9880787	01/30/18	Daktronics, Inc.
Calibration system for an electronic sign	7161558	01/09/07	Daktronics, Inc.
LED lighted sign with a light diffuser	6829852	12/14/04	Daktronics, Inc.
Light element seal module and method for same	8721116	05/13/14	Daktronics, Inc.
Display module mounting	9644823	05/09/17	Daktronics, Inc.
Display module mounting	9928760	03/27/18	Daktronics, Inc.
Encapsulation of light-emitting elements on a display module	9538588	01/03/17	Daktronics, Inc.
Display system	10136205	11/20/18	Daktronics, Inc.
Display module mounting	9612004	04/04/17	Daktronics, Inc.
Electronic display mounting system	10201100	02/05/19	Daktronics, Inc.
Electronic sign having slotted frame cabinets	7926213	04/19/11	Daktronics, Inc.

PATENT APPLICATIONS

Patent Description	Application Number	File Date	Name of Grantor
Enhanced color gamut for electronic displays	17/031245	09/24/20	Daktronics, Inc.
Support chassis for electronic display	17/453776	11/05/21	Daktronics, Inc.
Support structure for electronic banner display	17/362042	06/29/21	Daktronics, Inc.
An enterprise network system for programmable electronic displays	PCT/US10/01138	04/16/10	Daktronics, Inc.
Banner display	17/387365	07/28/21	Daktronics, Inc.
Banner display	PCT/US18/13594	01/12/18	Daktronics, Inc.
Mounting structures for a banner display	PCT/US18/13615	01/12/18	Daktronics, Inc.
Face cover for a display module	17/892675	08/22/22	Daktronics, Inc.
Face cover for a display module	PCT/US18/25699	04/02/18	Daktronics, Inc.
Controller redundancy for a display system	PCT/US18/25707	04/02/18	Daktronics, Inc.
Molded contrast mask for a display module	PCT/US20/32093	05/08/20	Daktronics, Inc.

Patent Description	Application Number	File Date	Name of Grantor
Magnetically-actuated latch mechanism for display module	PCT/US19/50593	09/11/19	Daktronics, Inc.
Dynamic compensation for thermally induced light output variation in electronic displays	17/452942	10/29/21	Daktronics, Inc.
Support chassis for electronic display	PCT/US21/72269	11/05/21	Daktronics, Inc.
Support structure for electronic banner display	17/362042	06/29/21	Daktronics, Inc.