

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7957663

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	05/15/2023
CONVEYING PARTY DATA	
Name	Execution Date
TANVAS, INC.	05/15/2023
RECEIVING PARTY DATA	
Name:	TANVAS MAGIC INC.
Street Address:	9559 COLLINS AVE.
Internal Address:	APT. 307
City:	SURFSIDE
State/Country:	FLORIDA
Postal Code:	33154
PROPERTY NUMBERS Total: 8	
Property Type	Number
Patent Number:	10606357
Patent Number:	11086402
Patent Number:	11520406
Application Number:	17367685
Application Number:	18074658
Patent Number:	10379616
Patent Number:	10423228
Patent Number:	10768749
CORRESPONDENCE DATA	
Fax Number:	(312)609-5005
<i>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.</i>	
Email:	phack@vedderprice.com
Correspondent Name:	PATRICIA HACK
Address Line 1:	222 N. LASALLE STREET, SUITE 2400
Address Line 2:	VEDDER PRICE P.C.
Address Line 4:	CHICAGO, ILLINOIS 60601
ATTORNEY DOCKET NUMBER:	48632.00.0010

NAME OF SUBMITTER:	PATRICIA HACK
SIGNATURE:	/Patricia Hack/
DATE SIGNED:	05/17/2023
Total Attachments: 6 source=48632000010-Executed Patent Assignment#page1.tif source=48632000010-Executed Patent Assignment#page2.tif source=48632000010-Executed Patent Assignment#page3.tif source=48632000010-Executed Patent Assignment#page4.tif source=48632000010-Executed Patent Assignment#page5.tif source=48632000010-Executed Patent Assignment#page6.tif	

PATENT ASSIGNMENT

WHEREAS, Tanvas, Inc., an Illinois corporation, having a place of business at 600 W. Van Buren Street, Suite 710, Chicago, IL 60607 ("Assignor") is the owner of the entire right, title, and interest in and to inventions or improvements for which applications for Letters Patent have been made or for which Letters Patent have been issued, all of which are listed on Exhibits A and Exhibit B attached hereto (hereinafter "the Patent");

WHEREAS, Tanvas Magic Inc., a Delaware corporation, having a place of business at 9559 Collins Ave., Apt. 307, Surfside, FL 33154 ("Assignee") is desirous of acquiring the entire right, title and interest in and to said Patent Property;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignor, Assignor hereby sells, assigns, transfers and sets over unto Assignee the entire right, title and interest in, to and under the Patent, any continuation, division, reissue, extension, re-examination, renewal of and substitute for the Patent and any United States or foreign Letters Patent which may be granted on or as a result thereof; and the full right to sue for and recover all profits and damages recoverable for past infringement of the same; and to have and to hold for the sole and exclusive use and benefit of Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms of any and all of the Patent.

This Assignment is made pursuant to and subject to the terms and conditions of the Contribution, Assignment and Assumption Agreement among Tanvas, Inc. and Tanvas Magic Inc. dated as of even date herewith.

Upon request from time to time by Assignee, Assignor agrees to execute all such papers as may be reasonably necessary or desirable in order to vest the entire right, title and interest in, to and under the Patent in Assignee, and consents to Assignee applying alone for recordal of said Patent Property, all at Assignee's expense.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned representatives of Assignor and Assignee, being properly authorized to execute this Agreement, hereunto set their hands and affixed their seals.

Tanvas, Inc.

By: *Arthur Schwartz*
Title: MANAGER/KNIGHT AVE ASSOC
Date: 5-15-2023

Tanvas Magic Inc.

By: *Helen Schwartz*
Title: MANAGER
Date: 5/15/23

[Notary Page Follows]

STATE: NS) SS
COUNTY: Monmouth)

I, Cheryl Birnbaum, a Notary Public in and for the country and territory aforesaid, do hereby certify that Arthur Schwartz and Helen Schwartz, personally known to me to be the same person whose name and corporate title is subscribed to the foregoing instrument, is duly entitled to execute said instrument on behalf of Tanvas, Inc., and appeared before me this day in person and acknowledged that he executed, sealed and delivered the said instrument on behalf of said corporation as a duly authorized officer thereof and as said corporation's free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 15 day of May, 2023.

CHERYL BIRNBAUM

My Commission Expires: NOTARY PUBLIC
STATE OF NEW JERSEY
COMMISSION EXPIRES 9/30/25

Q R A
Notary Public

SEAL

Exhibit A – Issued Patents – Tanvas, Inc.

Patent Title	Application No.	Date Filed	Patent No.	Date Issued	Country
Multi Rate Processing Device For Rendering Haptic Feedback <i>48632.01.0047</i>	15/937,403	05/27/2018	10,606,357	03/31/2020	US
Multi Rate Processing Device For Rendering Haptic Feedback <i>48632.01.0057</i>	16/824,015	03/19/2020	11,086,402	08/10/2021	US
Bipolar Projected Haptics With Balanced Loading <i>48632.01.0058</i>	16/884,932	05/27/2020	11,520,406	12/06/2022	US

Exhibit A - Pending Applications – Tanvas, Inc.

Patent Title	Application No.	Date Filed	Country
Multi Rate Processing Device For Rendering Haptic Feedback <i>48632.01.0061</i>	17/367,685	07/06/2021	U.S.
Bipolar Projected Haptics With Balanced Loading <i>48632.01.0062</i>	18/074,658	12/05/2022	U.S.
Multi Rate Processing Device For Rendering Haptic Feedback <i>48632.02.0008</i>	201880019251.0 (National Phase of PCT/US2018/024863)	03/28/2018	CN
Bipolar Projected Haptics With Balanced Loading <i>48632.02.0011</i>	202080046033.3 (National Phase of PCT/US2020/034824)	05/28/2020	CN
Multi Rate Processing Device For Rendering Haptic Feedback <i>48632.03.0011</i>	18777655.4 (National Phase of PCT/US2018/024863)	03/28/2018	EP
Bipolar Projected Haptics With Balanced Loading <i>48632.03.0012</i>	20815120.9 (National Phase of PCT/US2020/034824)	05/28/2020	EP
Bipolar Projected Haptics With Balanced Loading <i>48632.04.0007</i>	2021-570336 (National Phase of PCT/US2020/034824)	05/28/2020	JP
Bipolar Projected Haptics With Balanced Loading <i>48632.05.0007</i>	10-2021-7038580 (National Phase of PCT/US2020/034824)	05/28/2020	KR

Exhibit B - Issued Patents – Northwestern University and Tanvas, Inc.

Patent Title	Application No.	Date Filed	Patent No.	Date Issued	Country
Haptic Display With Simultaneous Sensing And Actuation <i>48632.01.0035</i>	15/117,128 (National Phase of PCT/US2015/016906)	08/05/2016	10,379,616	08/13/2019	U.S.
Haptic Touch Screen And Method Of Operating The Same <i>48632.01.0040</i>	15/606,440	05/26/2017	10,423,228	09/24/2019	U.S.
Electronic Controller Haptic Display With Simultaneous Sensing And Actuation <i>48632.01.0050</i>	16/240,330	01/04/2019	10,768,749	09/08/2020	U.S.
Haptic Display With Simultaneous Sensing And Actuation <i>48632.02.0003</i>	201580009388.4 (National Phase of PCT/US2015/016906)	02/20/2015	ZL20158009388.4	02/28/2020	CN
Materials And Structures For Haptic Displays With Simultaneous Sensing And Actuation <i>48632.02.0005</i>	201580059638.5 (National Phase of PCT/US2015/058790)	11/03/2015	ZL201580059638.5	10/16/2020	CN
Haptic Touch Screen And Method Of Operating The Same <i>48632.02.0007</i>	201780040447.3 (National Phase of PCT/US2017/034750)	05/28/2017	ZL201780040447.3	05/27/2022	CN
Haptic Display With Simultaneous Sensing And Actuation <i>48632.03.0004</i>	15751619.6 (National Phase of PCT/US2015/016906)	02/20/2015	3108343	01/01/2020	DE/EP FR/GB
Haptic Display With Simultaneous Sensing And Actuation <i>48632.04.0002</i>	2016-553003 (National Phase of PCT/US2015/016906)	02/20/2015	6568094	08/09/2019	JP
Haptic Display With Simultaneous Sensing And Actuation <i>48632.05.0002</i>	10-2016-7023949 (National Phase of PCT/US2015/016906)	02/20/2015	10-2399842	05/16/2022	KR
Haptic Touch Screen And Method Of Operating The Same <i>48632.05.0005</i>	10-2018-7034239 (National Phase of PCT/US2017/034750)	05/26/2017	10-2443039	09/07/2022	KR

Exhibit B - Pending Applications – Northwestern University and Tanvas, Inc.

Patent Title	Application No.	Date Filed	Country
Haptic Display With Simultaneous Sensing And Actuation <i>48632.02.0009</i>	202010073305.0 (National Phase of PCT/US2015/016906)	01/22/2020	CN
Materials And Structures For Haptic Displays With Simultaneous Sensing And Actuation <i>48632.02.0010</i>	202010995970.5 (National Phase of PCT/US2015/058790)	09/21/2020	CN
Haptic Touch Screen And Method Of Operating The Same <i>48632.03.0009</i>	17803694.3 (National Phase of PCT/US2017/034750)	05/26/2017	EP
Haptic Touch Screen And Method Of Operating The Same <i>48632.04.0005</i>	2018-562020 (National Phase of PCT/US2017/034750)	05/26/2017	JP
Haptic Touch Screen And Method Of Operating The Same <i>48632.05.0008</i>	10-2022-7019273	06/08/2022	KR

[END OF PATENT ASSIGNMENT]