507514080 09/27/2022 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7560972

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
CHRISTOPHER ANDRE		ĒR	07/08/2020	
MATTHEW ALEXANDE	R MEITL		07/24/2020	
ERICH RADAUSCHER			07/09/2020	
RONALD S. COK			08/24/2020	
RECEIVING PARTY DA				
Name:	X DISP	X DISPLAY COMPANY TECHNOLOGY LIMITED		
Street Address:	6TH FL	6TH FLOOR, 2 GRAND CANAL SQUARE		
City:	DUBLIN	DUBLIN		
State/Country:	IRELAN	ID		
Postal Code:	D02 A3	D02 A342		
PROPERTY NUMBERS Total: 1 Property Type		Number		
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	ΑΤΑ			
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Email: Correspondent Name: Address Line 1: Address Line 4:	 	617-248-5000 PatentDocket@choate.com CHOATE HALL & STEWART LLP-PATEN TWO INTERNATIONAL PLACE BOSTON, MASSACHUSETTS 02110	ia US Mail.	
Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N	 	517-248-5000 PatentDocket@choate.com CHOATE HALL & STEWART LLP-PATEN TWO INTERNATIONAL PLACE BOSTON, MASSACHUSETTS 02110 2011486-0951	ia US Mail.	
Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER:	 	517-248-5000 PatentDocket@choate.com CHOATE HALL & STEWART LLP-PATEN TWO INTERNATIONAL PLACE BOSTON, MASSACHUSETTS 02110 2011486-0951 MICHAEL D. SCHMITT, PHD	ia US Mail.	
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Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NI NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 9	UMBER:	517-248-5000 PatentDocket@choate.com CHOATE HALL & STEWART LLP-PATEN TWO INTERNATIONAL PLACE BOSTON, MASSACHUSETTS 02110 2011486-0951 MICHAEL D. SCHMITT, PHD /Michael Schmitt/ 09/27/2022	ia US Mail.	
Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE: DATE SIGNED:	UMBER:	517-248-5000 PatentDocket@choate.com CHOATE HALL & STEWART LLP-PATEN TWO INTERNATIONAL PLACE BOSTON, MASSACHUSETTS 02110 2011486-0951 MICHAEL D. SCHMITT, PHD /Michael Schmitt/ 09/27/2022	ia US Mail.	

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COMBINED JOINT ASSIGNMENT & DECLARATION

A. ASSIGNMENT

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

Inventor Name	City, State
1. Christopher Andrew Bower	Raleigh, North Carolina
2. Matthew Alexander Meitl	Durham, North Carolina
3. Erich Radauscher	Raleigh, North Carolina
4. Ronald S. Cok	Rochester, New York

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent application(s) entitled:

TILED DISPLAYS WITH BLACK-MATRIX SUPPORT SCREENS; and

prepared for filing in the United States Patent and Trademark Office; or

x identified by United States Application No.	16/808348	
filed in the United States Patent and Trademark Office on	March 3, 2020	; and

filed on ; and

x | and is also aware of the following priority applications:

Application No.	Filed
62/817478	March 12, 2019

WHEREAS, X Display Company Technology Limited (hereinafter "ASSIGNEE"), having a usual place of business at 6th Floor, 2 Grand Canal Square, Dublin D02 A342, IRELAND, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, each of us hereby confirms, agrees, and/or declares that:

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1. I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above, including any right of priority thereto; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application;

2. My sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including any divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by me had this sale, assignment and transfer not been made;

3. This Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

4. I, or my executor(s) and/or administrator(s) will execute upon request any other lawful documents and likewise will perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

5. I hereby authorize ASSIGNEE or its attorneys or agents to insert the correct application number(s) and/or filing date(s) into this assignment document, if appropriate;

6. I hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

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7. I hereby request the Commissioner for Patents of the United States Patent and Trademark Office to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

8. I hereby covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

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B. DECLARATION (37 CFR 1.63)

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

TILED DISPLAYS WITH BLACK-MATRIX SUPPORT SCREENS; and

attached hereto or prepared for filing in the United States Patent and Trademark Office; or

xidentified by United States Application No.16/808348filed in the United States Patent and Trademark Office onMarch 3, 2020 ; or

filed on ______.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the application, including the claims and am aware of the duty to disclose to the United States Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR 1.56.

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Signature: Charles

Date: 7/8/20

Christopher Andrew Bower

Bower

Witness Signature:

Witness Name (printed):

Witness Signature:

Jorland McBride Govland McBride Witness Name (printed):

Helena Yec

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Signature:

July 24, 2020 Date:

Matthew Alexander Meitl

Witness Signature:

Witness Name (printed):

Witness Signature:

Witness Name (printed):

Helena Yee Jorland McBride Jorland McBride

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PATENT REEL: 061228 FRAME: 0680

2011486-0233 XC392 Signature:

Rauld A. Cole **Ronald S. Cok**

Date: <u>August 24, 2020</u>

Witness Signature: _____ Rue Rutt Cok Witness Name (printed): _____ Sue Bratt Cok

Witness Signature: Walker But Witness Name (printed): Wallace Bratt

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The ASSIGNEE hereby acknowledges and accepts the foregoing assignment.

The undersigned (whose title is supplied below) is authorized to act on behalf of the ASSIGNEE.

CEO

Date: <u>8/4/2020</u>

Name (printed): Randolph Chan

Title (printed):

Signature:

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RECORDED: 09/27/2022