U.S. PTO 12/006621 01/04/2008

U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 07/05) 01-16-2008 OMB No. 0651-0027 (exp. 6/30/2008) United States Patent and Trademark Office 103475532 To the Director of the U.S. Patent and cuments or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) JIANG, Jian-Xun Name: TPO Displays Corp. WENG, Chih-Hsun Internal Address: Additional name(s) of conveying party(ies) attached? Lagran Yes 🗾 No 3. Nature of conveyance/Execution Date(s): Street Address: No. 12, Ke-Jung Road, Execution Date(s) Nov. 6, 2007 & Nov. 8, 2007 Science-Based Industrial Park ✓ Assignment Merger : City: Chu-Nan 350, Miao-Li County Change of Name Security Agreement Joint Research Agreement State: __ Government Interest Assignment Country: Taiwan, R.O.C. Zip: Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Lyes V 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 V No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name:Wen Liu 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address:LIU & LIU Authorized to be charged by credit card Authorized to be charged to deposit account Street Address: None required (government interest not affecting title) 444 S. Flower Street, Suite 1750 8. Payment Information City: Los Angeles a. Credit Card Last 4 Numbers 5826 State: California Zip:90071 Expiration Date 11/2008 Phone Number: (213) 830-5743 b. Deposit Account Number 501288 Fax Number: (213) 830-5741 Authorized User Name Wen Liu Email Address: wliu@liulaw.com 01/07/2008 HARRZI1 00000026 12006621 January 4, 2008 9. Signature: 40.00 64 FC:8021 Date Total number of pages including cover **WEN LIU** sheet, attachments, and documents: Name of Person Signing

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

REEL: 020375 FRAME: 0055

Attorney Docket No.: 1044/202

JOINT ASSIGNMENT

THIS ASSIGN	MENT, by JIANG, JIAN-XUN and WENG, CI: H-HSUN (hereinafter referred to as the
assignors), residing at N	O.124, SEC. 2, ZHONGZHENG RD., SANXIA TOWN, TAIPEI COUNTY C. and 3F2, NO. 362, FUHE RD., YONGHE CITY, TAIPEI COUNTY 234,
TAIWAN, R.O.C., r	
	\mathcal{L}
	d assignors have invented certain new and useful improvements in FLAT DISPLAY AND METHOD
	CK STONAL FOR DRIVING THE SAME, set forth in an application for Letters es. (a) having an oath or declaration executed, respectively, on and
	es, (a) having an oath or declaration executed, respectively, on and (b) which was filed on, as Application Serial No.
,	; and
	O DISPLAYS CORP., a corporation duly organized under and pursuant to the laws of Taiwan,
	ncipal place of business at No. 12, Ke-Jung Road, Science-Based Industrial Park, Chu-Nan 350, , R.O.C. (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title
-	d inventions and said application for Letters Patent of the United States, and in and to any
	United States or foreign, to be obtained therefor and thereon:
NOW THERE	ORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the
	y acknowledged, said assignors have sold, assigned, transferred and set over, and by these
	rancier and set over, unto said assignee, its successors, legal representatives and assigns, the
	rest in and to the above-mentioned inventions, application for Letters Patent, and any and all
	in the United States of America and all foreign countries which may be granted therefor and
	y and all divisions, continuations and continuations—in-part of said application, or reissues or
	s Patent or Patents, and all rights under the International Convention for the Protection of ame to be held and enjoyed by said assignee, for its own use and the use of its successors, legal
	ns, to the full end of the term or terms for which Letters Patent or Patents: may be granted, as
	ame would have been held and enjoyed by the assignors, had this sale and assignment not been
made.	
AND for the sa	ne consideration, said assignors hereby covenant and agree to and with said assignee, its
	ntatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel
	presentatives and assigns, shall advise that any proceeding in connection with said inventions,
	etters Patent, or any proceeding in connection with Letters Patent for said inventions in any
	erence proceedings, is lawful and desirable, or that any division, continuation or continuation-in-
	r Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is
	n all papers and documents, take all lawful oaths, and do all acts necessary or required to be t, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to
	ors, legal representatives and assigns, but at the cost and expense of said assignee, its successors,
legal representatives and	· · · · · · · · · · · · · · · · · · ·
AND said assig	nors hereby request the Commissioner of Patents to issue said Letters Patent of the United States
	signee of said inventions and the Letters Patent to be issued thereon for the sole use of said
assignee. its successors,	egal representatives and assigns.
0.7//	JIANG, JIAN-XUN
2007/11/6	
Date .	Name: JIANG, JIAN-XIJN
Data	WENC' CHILLIGID:
Date	Name: WENC, CHIH-HSUN

4TOPPOLY/07012US: P2007025

REEL: 020375 FRAME: 0056

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Attorney Docket No.: 1044/202

JOINT ASSIGNMENT

THIS ASSIGNMENT, by <u>JIANG, JIAN-XUN</u> and <u>WENG, CHIH-HSUN</u> (hereinafter referred to as the assignors), residing at NO.124, SEC. 2, ZHONGZHENG RD., SANXIA TOWN, TAIPEI COUNTY 237, TAIWAN, R.O.C. and 3F.-2, NO. 362, FUHE RD., YONGHE CITY, TAIPEI COUNTY 234, TAIWAN, R.O.C., respectively, witnesseth: WHEREAS, said assignors have invented certain new and useful improvements in FLAT DISPLAY AND METHOD _____, set forth in an application for Letters FOR MODIFATING A CLOCK STONAL FOR DRIVING THE SAME Patent of the United States, (a) having an oath or declaration executed, respectively, on _; or (b) which was filed on _____, as Application Serial No. WHEREAS, TPO DISPLAYS CORP., a corporation duly organized under and pursuant to the laws of Taiwan, R.O.C. and having its principal place of business at No. 12, Ke-Jung Road, Science-Based Industrial Park, Chu-Nan 350, Miao-Li County, Taiwan, R.O.C. (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon: NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues of extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-inpart of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignce, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns. AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns. Name: JIANG, JIAN-XUN CHIH-1-/SUN WENG, CHIH-HSUN

4TOPPOLY/07012US: P2007025

RECORDED: 01/04/2008

PATENT REEL: 020375 FRAME: 0057