

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5087786

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
FIFTH THIRD BANK		06/12/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	AMERICAN PANEL CORPORATION	
<b>Street Address:</b>	6415 SHILOH ROAD EAST	
<b>City:</b>	ALPHARETTA	
<b>State/Country:</b>	GEORGIA	
<b>Postal Code:</b>	30005	
<b>PROPERTY NUMBERS Total: 35</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	7292291	
Patent Number:	7295179	
Patent Number:	7324176	
Patent Number:	7495714	
Patent Number:	7573458	
Patent Number:	7714834	
Patent Number:	7746007	
Patent Number:	7750994	
Patent Number:	7924263	
Patent Number:	8009262	
Patent Number:	8089440	
Patent Number:	8125494	
Patent Number:	8400430	
Patent Number:	8436632	
Patent Number:	8480281	
Patent Number:	8499437	
Patent Number:	8576354	
Patent Number:	8702307	
Patent Number:	8704751	
Patent Number:	8766994	

PATENT

Property Type	Number
Patent Number:	9110334
Patent Number:	9117417
Patent Number:	9268166
Patent Number:	9418603
Patent Number:	6809746
Patent Number:	8243109
Patent Number:	5451841
Patent Number:	5467085
Patent Number:	5736922
Patent Number:	5440324
Patent Number:	5872553
Patent Number:	6137471
Patent Number:	5467533
Application Number:	13159183
Application Number:	14227578

#### CORRESPONDENCE DATA

Fax Number: (205)244-5727

*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: 205-458-5335

Email: jpsauer@burr.com

Correspondent Name: JOHN P. SAUER

Address Line 1: 420 NORTH 20TH STREET

Address Line 2: SUITE 3400

Address Line 4: BIRMINGHAM, ALABAMA 35203

ATTORNEY DOCKET NUMBER:	0025209.0000016
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NAME OF SUBMITTER:	JOHN P. SAUER
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SIGNATURE:	/JOHN P. SAUER/
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DATE SIGNED:	08/08/2018
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#### Total Attachments: 5

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## **RELEASE OF PATENT SECURITY INTERESTS**

THIS RELEASE OF PATENT SECURITY INTERESTS is made on June 12, 2018, by FIFTH THIRD BANK, an Ohio banking corporation, as Administrative Agent ("Agent") in favor of the Grantor (as defined below).

WHEREAS, AMERICAN PANEL CORPORATION, a Georgia Corporation, ("Grantor"), pursuant to the Patent Security Agreement dated June 30, 2015 (the "Security Agreement"), granted to Agent a lien on and security interest in the Patents as defined and described in the Security Agreement, which Security Agreement was recorded with the United States Trademark and Patent Office (the "PTO Recording") at Reel 36051, Frame 554, on July 9, 2015; and

WHEREAS, Agent has agreed to release its lien and security interest as a secured party under said Security Agreement with respect to such Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Agent hereby agrees as follows:


1. The Agent hereby (i) releases, terminates and discharges to the Grantor its lien on and security interest in all such Patents, including, without limitation the Patents listed on Schedule I hereto, (ii) releases all other rights it may have under the Security Agreement with respect to any such Patents, including, without limitation the Patents listed on Schedule I hereto, and (iii) terminates the PTO Recording.

2. The Agent hereby authorizes and acknowledges the termination of the Security Agreement (except for the provisions thereof which by their terms expressly survive termination). At the Grantor's sole cost and expense, the Agent hereby agrees to duly execute, acknowledge, and deliver any further customary documents and to do any such acts as may be reasonably necessary to affect the release of the security interest in such Patents contemplated hereby unless any of the foregoing actions would expose the Agent or any of its officers, directors, employees, agents, attorneys and other representatives to personal liability or would be contrary to applicable law.

*[Remainder of page intentionally left blank]*

IN WITNESS WHEREOF, Agent has caused this Release of Patent Security Interests to be duly executed as of the date first written above.

FIFTH THIRD BANK, as Administrative Agent

By:   
Name: Ryan Dixon  
Title: Vice President

## **Schedule I**

### **U.S. Patents**

<b>Name of Grantor</b>	<b>Title</b>	<b>U.S. Patent Registration No.</b>	<b>Registration Date</b>	<b>Application No.</b>	<b>Application Date</b>
American Panel Corporation	FLAT PANEL DISPLAY HAVING INTEGRAL HEATER, EMI SHIELD, AND THERMAL SENSORS	7292291	11/06/2007	10769838	02/02/2004
American Panel Corporation	FLAT PANEL DISPLAY HAVING MULTIPLE DISPLAY AREAS ON ONE GLASS SUBSTRATE	7295179	11/13/2007	10355680	01/31/2003
American Panel Corporation	FLAT PANEL DISPLAY HAVING INTEGRAL HEATER, EMI SHIELD, AND THERMAL SENSORS	7324176	01/29/2008	10769842	02/02/2004
American Panel Corporation	FLAT PANEL DISPLAY HAVING AN ISOLATED EMI LAYER AND INTEGRAL HEATER AND THERMAL SENSORS	7495714	02/24/2009	10679977	10/07/2003
American Panel Corporation	WIDE FLAT PANEL LCD WITH UNITARY VISUAL DISPLAY	7573458	08/11/2009	11005156	12/03/2004
American Panel Corporation	WIDE FLAT PANEL LCD WITH UNITARY VISUAL DISPLAY	7714834	05/11/2010	12539424	08/11/2009
American Panel Corporation	LED BACKLIGHT CIRCUIT SYSTEM	7746007	06/29/2010	11944939	11/26/2007
American Panel Corporation	FLAT PANEL DISPLAY HAVING INTEGRAL METAL HEATER OPTICALLY HIDDEN BEHIND AN EMI SHIELD	7750994	07/06/2010	11849065	08/31/2007
American Panel Corporation	WIDE FLAT PANEL LCD WITH UNITARY VISUAL DISPLAY	7924263	04/12/2011	12777471	05/11/2010
American Panel Corporation	FLAT PANEL DISPLAY WITH EXTERNAL INTEGRAL HEATER	8009262	08/30/2011	11057888	02/14/2005
American Panel Corporation	LIQUID CRYSTAL FLAT PANEL DISPLAY WITH AN INTEGRAL HEATER OF PREDETERMINABLE CAPACITY	8089440	01/03/2012	12254974	10/21/2008
American Panel Corporation	METHOD FOR MAPPING OPTICAL PROPERTIES FOR A DISPLAY DEVICE	8125494	02/28/2012	12266121	11/06/2008

<b>Name of Grantor</b>	<b>Title</b>	<b>U.S. Patent Registration No.</b>	<b>Registration Date</b>	<b>Application No.</b>	<b>Application Date</b>
American Panel Corporation	DISPLAY DEVICE WITH INTEGRAL TOUCH PANEL SURFACE	8400430	03/19/2013	10991826	11/18/2004
American Panel Corporation	SYSTEM AND METHOD FOR OPTIMIZING LCD DISPLAYS	8436632	05/07/2013	12164000	06/27/2008
American Panel Corporation	NVIS COMPATIBLE BACKLIGHT DEVICE AND LCD USING THE SAME	8480281	07/09/2013	12897829	10/05/2010
American Panel Corporation	A DEVICE AND A METHOD FOR ALIGNING A PANEL HAVING CIRCUIT ELEMENTS WITH A DRIVER	8499437	08/06/2013	12056849	03/27/2008
American Panel Corporation	CHANNELIZED PLATE	8576354	11/05/2013	12192285	08/15/2008
American Panel Corporation	METHOD FOR DETERMINING INTERNAL LCD TEMPERATURE	8702307	04/22/2014	12205499	09/05/2008
American Panel Corporation	REDUNDANT POWER/CONTROL SYSTEM FOR LIQUID CRYSTAL DISPLAYS	8704751	04/22/2014	13080354	04/05/2011
American Panel Corporation	METHOD FOR REDUCING VIDEO IMAGE LATENCY	8766994	07/01/2014	12206688	09/08/2008
American Panel Corporation	CHANNELIZED PLATE	9110334	08/18/2015	13927218	06/26/2013
American Panel Corporation	REDUNDANT POWER/CONTROL SYSTEM FOR LIQUID CRYSTAL DISPLAYS	9117417	08/25/2015	14258347	04/22/2014
American Panel Corporation	NVIS COMPATIBLE BACKLIGHT DEVICE AND LCD USING THE SAME	9268166	02/23/2016	13937756	07/09/2013
American Panel Corporation	REDUNDANT CONTROL SYSTEM FOR LCD	9418603	08/16/2016	13735856	01/07/2013
American Panel Corporation	VISUAL DISPLAY TESTING OPTIMIZATION AND HARMONIZATION METHOD AND SYSTEM	6809746	10/26/2004	10244577	09/16/2002
American Panel Corporation	RESOLVING IMAGE/DATA MISMATCH VIA ON-OFF PATTERN	8243109	08/14/2012 (Exp. 09/12/2016)	12206372	09/08/2008
American Panel Corporation	SOFT START OF LAMP FILAMENT	5451841	09/19/1995	08187876	01/28/1994

<b>Name of Grantor</b>	<b>Title</b>	<b>U.S. Patent Registration No.</b>	<b>Registration Date</b>	<b>Application No.</b>	<b>Application Date</b>
American Panel Corporation	DISPLAY FOR ELECTRONIC INDICATOR	5467085	11/14/1995	07973990	11/10/1992
American Panel Corporation	SELF-CONTAINED MULTIFUNCTIONAL LCD FLIGHT INDICATOR	5736922	04/07/1998	08653825	05/28/1996
American Panel Corporation	BACKLIGHTING FOR LIQUID CRYSTAL DISPLAY	5440324	08/08/1995	07998526	12/30/1992
American Panel Corporation	HIGH SPEED GRAPHICS FILL OF LIQUID CRYSTAL DISPLAY	5872553	02/16/1999	08557887	07/24/1995
American Panel Corporation	HIGH SPEED GRAPHICS FILL OF LIQUID CRYSTAL DISPLAY	6137471	10/24/2000	09190813	11/12/1998
American Panel Corporation	NIGHT VISION INCLINOMETER	5467533	11/21/1995	07187832	01/28/1994

#### U.S. Patent Applications

<b>Name of Grantor</b>	<b>Title</b>	<b>U.S. Patent Application No.</b>	<b>Filing Date</b>
American Panel Corporation	REDUNDANT BACKLIGHT FOR LIQUID CRYSTAL DISPLAYS	13159183	06/13/2011
American Panel Corporation	LCD SOURCE DRIVER FEEDBACK SYSTEM AND METHOD	14227578	03/27/2014