

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kent Displays, Inc.	01/20/2012
RECEIVING PARTY DATA	
Name:	The Director of Development of the State of Ohio
Street Address:	77 S. High St. P.O. Box 1001
City:	Columbus
State/Country:	OHIO
Postal Code:	43216
PROPERTY NUMBERS Total: 29	
Property Type	Number
Patent Number:	5570216
Patent Number:	5636044
Patent Number:	5644330
Patent Number:	6034752
Patent Number:	6133895
Patent Number:	6172720
Patent Number:	6268840
Patent Number:	6366330
Patent Number:	6377321
Patent Number:	6483563
Patent Number:	6518944
Patent Number:	6532052
Patent Number:	6654080
Patent Number:	6830789
Patent Number:	6911965

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Patent Number:	7009666
Patent Number:	7023409
Patent Number:	7061559
Patent Number:	7170481
Patent Number:	7190337
Patent Number:	7236151
Patent Number:	7317437
Patent Number:	7351506
Patent Number:	7479940
Patent Number:	7675239
Patent Number:	7737928
Patent Number:	7773064
Patent Number:	7791700
Patent Number:	7796103

CORRESPONDENCE DATA

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

Correspondent Name: Patricia A. McIntyre, Buckingham
 Address Line 1: 3800 Embassy Pkwy., Suite 300
 Address Line 4: Akron, OHIO 44333

NAME OF SUBMITTER:	Patricia A. McIntyre
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Total Attachments: 4

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**SECURITY AGREEMENT AS TO
PATENTS AND PATENT APPLICATIONS**

THIS SECURITY AGREEMENT AS TO PATENTS AND PATENT APPLICATIONS (this "*Patent Security Agreement*") is made as of January **20**, 2012, by and between Kent Displays, Inc., a Delaware corporation ("*Grantor*"), having an office at 343 Portage Boulevard, Kent, Ohio 44240, and The Director of Development of the State of Ohio (the "*Director*"), whose address is 77 South High Street, P.O. Box 1001, Columbus, Ohio 43216-1001.

RECITALS

A. Grantor is the owner of certain registered patents and patent applications listed in *Exhibit A* attached to this Agreement.

B. Grantor has executed a \$2,000,000 Cognovit Promissory Note, dated January **20**, 2012, in favor of the Director (as modified, amended, restated, or replaced, the "*Note*").

C. To secure the Note, Grantor has agreed to grant the Director a security interest in all of its right, title, and interest in and to the patents and patent applications described in *Exhibit A* as security for a loan in the principal amount of up to \$2,000,000 (the "*Loan*") from the Director to the Grantor under the Loan Agreement dated of even date with this Patent Security Agreement between the Director and the Grantor. The Grantor has granted a lien on certain of its assets, including the patents and patent applications which are subject to this Patent Security Agreement under the terms of a Security Agreement dated January **20**, 2012 (the "*General Security Agreement*") executed by the Grantor in favor of the Director.

D. Grantor is the owner of the entire right, title, and interest in the patents and patent applications which are the subject of this Patent Security Agreement.

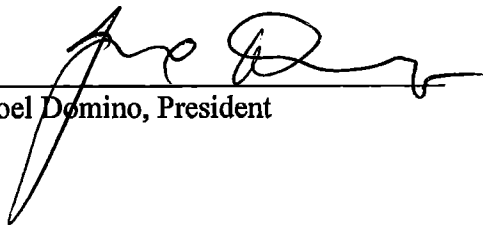
NOW, THEREFORE, in consideration of the foregoing and other good and valuable consideration, Grantor hereby:

1. Grants to the Director as security for the Loan, a continuing security interest in and to the patents and patent applications listed in *Exhibit A* and a security interest in and to all patents and patent applications acquired by Grantor after the date of this Patent Security Agreement under the terms of the General Security Agreement.

2. Authorizes and requests the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to note in the record the existence of the security interest granted hereunder with respect to each of the patents and patent applications listed in *Exhibit A* and to all patents and patent applications acquired by Grantor after the date of this Patent Security Agreement.

IN WITNESS WHEREOF, Grantor has caused this Patent Security Agreement to be signed by its authorized officer and duly attested the day and year first above written.

KENT DISPLAYS, INC.
("GRANTOR")

By: 
Joel Domino, President

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CERTIFICATE OF ACKNOWLEDGMENT

STATE OF OHIO

COUNTY OF

Portage

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) ss:
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On this 6 day of January, 2012, before me personally came Joel Domino, to me known, who, being duly sworn, did depose and state that he is the President of Kent Displays, Inc., the corporation described in and which executed the above instrument; and that he signed his name thereto by order of the Board of Directors of said corporation.

Susan M. Hensley
Notary Public

My commission expires: 8-1-2014

[SEAL]

SUSAN M. HENSLEY
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES AUG. 1, 2014

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EXHIBIT A

Patent #	Issued Date	App Date	Title
5,570,216	10/29/1996	4/14/1995	Bistable Cholesteric LCD's w/Very High Contrast and Excellent Mechanical Stability
5,636,044	6/3/1997	10/14/1994	Segmented Polymer Stabilized and Polymer Free Cholesteric Texture Liquid Crystal Displays and Driving Method for Same
5,644,330	7/1/1997	8/22/1995	Driving Method for Polymer Stabilized and Polymer Free Liquid Crystal Displays
6,034,752	3/7/2000	3/22/1997	Display Device Reflecting Visible and Infrared Radiation
6,133,895	10/17/2000	6/4/1997	Cumulative Drive Scheme and Method for a Liquid Crystal Display
6,172,720	1/9/2001	5/23/1997	Low Viscosity Liquid Crystal Material
6,268,840	7/31/2001	4/21/1998	Unipolar Waveform Drive Method and Apparatus for a Bistable Liquid Crystal Display
6,366,330	4/2/2002	12/22/1999	Cholesteric Liquid Crystal Display That Prevents Image Sticking
6,377,321	4/23/2002	6/10/1999	Stacked Color Liquid Crystal Display Device
6,483,563	11/19/2002	10/9/2001	Brightness Enhancement for Bistable Cholesteric Displays
6,518,944	2/11/2003	10/25/1999	Combined Cholesteric Liquid Crystal Display and Solar Cell Assembly Device
6,532,052	3/11/2003	8/23/1999	Brightness Enhancement for Bistable Cholesteric Displays
6,654,080	11/25/2003	6/10/1999	Stacked Color Liquid Crystal Display Device
6,830,789	12/14/2004	9/24/2001	Chiral Additives for Cholesteric Displays
6,911,965	6/28/2005	1/28/2003	Waveform Sequencing Method and Apparatus for a Bistable Cholesteric Liquid Crystal Display
7,009,666	3/7/2006	9/24/2001	Backlit Cholesteric Liquid Crystal Display
7,023,409	4/4/2006	2/9/2001	Drive for Gray Scale, Bistable Cholesteric Displays Utilizing Variable Frequency Pulses
7,061,559	6/13/2006	9/22/2003	Stacked Color Liquid Crystal Display Device
7,170,481	1/30/2007	1/28/2025	Single Substrate Liquid Crystal Display
7,190,337	3/13/2007	2/19/2004	Multi-Configuration Display Driver
7,236,151	6/26/2007	12/7/2004	Liquid Crystal Display
7,317,437	1/8/2008	11/8/2004	Graphic Controller for Active Matrix Addressed Bistable Reflective Cholesteric Displays
7,351,506	4/1/2008	7/27/2005	Polymerization-Encapsulated Cholesteric Liquid Crystal for Bistable Reflective Displays
7,479,940	1/20/2009	11/14/2005	Display Device with Electrical Zipper Interconnect
7,675,239	3/9/2010	8/15/2006	Power Management Method and Device for Low-Power Displays
7,737,928	6/15/2010	9/14/2006	Stacked Display with Shared Electrode Addressing
7,773,064	8/10/2010	7/28/2006	Liquid Crystal Display Films
7,791,700	9/7/2010	9/16/2005	Liquid Crystal Display (Coated) On A Printed Circuit Board
7,796,103	9/14/2010	7/28/2006	Drapable Liquid Crystal Transfer Display Films

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