

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3132297

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
MANUFACTURING RESOURCES INTERNATIONAL, INC.	11/25/2014

RECEIVING PARTY DATA

Name:	BANK OF AMERICA, N.A.
Street Address:	100 NORTH TRYON STREET
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28255

PROPERTY NUMBERS Total: 24

Property Type	Number
Application Number:	14508767
Application Number:	14508621
Application Number:	14447164
Application Number:	14453966
Application Number:	14326053
Application Number:	14475173
Application Number:	14300869
Application Number:	14457611
Application Number:	14322962
Application Number:	14326059
Application Number:	62012559
Application Number:	62012572
Application Number:	62013225
Application Number:	62012785
Application Number:	62013917
Application Number:	62061950
Application Number:	62061512
Application Number:	62055255
Application Number:	62064304
Application Number:	13279401
Application Number:	13353371

PATENT

Property Type	Number
Application Number:	13296981
Application Number:	13361305
Application Number:	61910568

CORRESPONDENCE DATA

Fax Number: (804)698-2007

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: 804-775-1071

Email: bdavis1@mcguirewoods.com

Correspondent Name: ROBIN C. VANCE

Address Line 1: 901 EAST CARY STREET

Address Line 4: RICHMOND, VIRGINIA 23219-4030

NAME OF SUBMITTER:	ROBIN C. VANCE
SIGNATURE:	/Robin C. Vance/
DATE SIGNED:	12/04/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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PATENT SECURITY AGREEMENT

(November 2014)

THIS PATENT SECURITY AGREEMENT is between **Manufacturing Resources International, Inc.**, a Georgia corporation and **Bank of America, N.A.** Capitalized terms used and not otherwise defined herein shall have the meaning specified in the Security Agreement (as hereinafter defined).

WHEREAS, **Manufacturing Resources International, Inc.**, a Georgia corporation (herein referred to as "Grantor"), owns the Patents (as hereinafter defined) listed on Schedule 1 annexed hereto;

WHEREAS, Grantor and **Bank of America, NA** (the "Grantee") are parties to a Security Agreement dated October 20, 2011 (as amended, modified or supplemented from time to time, the "Security Agreement");

WHEREAS, pursuant to the terms of the Security Agreement, Grantor has granted to Grantee a security interest in substantially all the assets of the Grantor including all right, title and interest of Grantor in, to and under all Grantor's Patents, together with any reissues, continuations, continuations-in-part or extensions thereof, whether presently existing or hereafter arising or acquired, and all products and proceeds thereof, including, without limitation, any and all causes of action which may exist by reason of infringement thereof for the full term of the Patents, to secure the payment of all Indebtedness referred to in Section 2 of the Security Agreement (the "Obligations");

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor does hereby grant to Grantee a continuing security interest in all of Grantor's right, title and interest in, to and under the following (all of the following items or types of property being herein collectively referred to as the "U.S. Patent Collateral"), whether presently existing or hereafter arising or acquired:

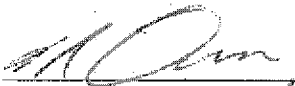
- (i) each United States patent to which Grantor now or hereafter has title and any divisions or continuations thereof, as well as any application for a United States patent now or hereinafter made by Grantor, including, without limitation, each patent referred to in Schedule 1 annexed hereto (collectively, the "Patents"); and
- (ii) all products and proceeds of the foregoing, including, without limitation, any claim by Grantor against third parties for past, present or future infringement of any Patent, including, without limitation, any Patent referred to in Schedule 1 annexed hereto.

This security interest is granted in conjunction with the security interests granted to the Grantee pursuant to the Security Agreement. Grantor does hereby further acknowledge and affirm that the rights and remedies of Grantee with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

[signature page follows]

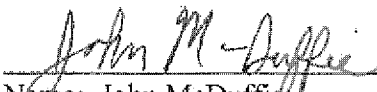
IN WITNESS WHEREOF, Grantor has caused this Patent Security Agreement to be duly executed by its officer thereunto duly authorized as of the 25th day of November, 2014.

**MANUFACTURING RESOURCES
INTERNATIONAL INC.**

By: 
Name: William R. Dunn
Title: President

Acknowledged:

BANK OF AMERICA, N.A.

By: 
Name: John McDuffie
Title: Senior Vice President

STATE OF GEORGIA)
)
COUNTY OF Cobb)

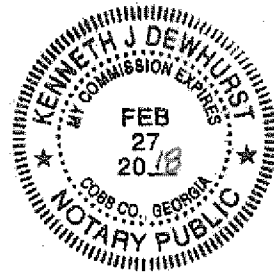
SS.:

On the 25th of November, 2014, before me personally came William R. Dunn, to me personally known to be the person described in and who executed the foregoing instrument as President of Manufacturing Resources International, Inc. who being by me duly sworn, did depose and say that he is the Manufacturing Resources International, Inc., the corporation described in and which executed the foregoing instrument; that he knows the seal of such corporation; that the seal affixed to said instrument is such corporation's seal; that the said instrument was signed and sealed on behalf of said corporation by order of its Board of Directors; that he signed his name thereto by like orders; and that he acknowledged said instrument to be the free act and deed of said corporation.

Kenneth J Dewhurst
NOTARY PUBLIC

My commission expires: 2/27/2018

[AFFIX NOTARIAL SEAL]



Schedule 1 to Patent Security Agreement
Manufacturing Resources International, Inc.

U.S. Patent Applications:

1. SYSTEM FOR USING CONSTRICTED CONVECTION WITH CLOSED LOOP COOLING SYSTEM AS THE CONVECTION PLATE. U.S. Pat. Appln. No. 14/508,767; filed 10/07/2014
2. CONSTRICTED CONVECTION COOLING SYSTEM FOR AN ELECTRONIC DISPLAY. U.S. Pat. Appln. No. 14/508,621; filed 10/07/2014
3. BACKLIGHT ADJUSTMENT SYSTEM. U.S. Pat. Appln. No. 14/447,164; filed 07/30/2014
4. DYNAMIC DIMMING LED BACKLIGHT. U.S. Pat. Appln. No. 14/453,966; filed 08/07/2014
5. EXPANDED HEAT SINK FOR ELECTRONIC DISPLAYS. U.S. Pat. Appln. No. 14/326,053; filed 07/08/2014
6. SYSTEM FOR COOLING AN ELECTRONIC IMAGE ASSEMBLY WITH A HEAT EXCHANGER HAVING INTERNAL FANS. U.S. Pat. Appln. No. 14/475,173; filed 09/02/2014
7. SYSTEM FOR COOLING AN ELECTRONIC IMAGE ASSEMBLY WITH MANIFOLDS AND AMBIENT GAS. U.S. Pat. Appln. No. 14/300,869; filed 06/10/2014
8. SYSTEM AND METHOD FOR THERMALLY CONTROLLING AN ELECTRONIC DISPLAY WITH REDUCED NOISE EMISSIONS. U.S. Pat. Appln. No. 14/457,611; filed 08/12/2014
9. AIRGUIDE BACKLIGHT ASSEMBLY. U.S. Pat. Appln. No. 14/322,962; filed 07/03/2014
10. FIGURE EIGHT CLOSED LOOP COOLING SYSTEM FOR ELECTRONIC DISPLAY. U.S. Pat. Appln. No. 14/326,059; filed 07/08/2014
11. SEALED TRANSPARENT LIQUID CRYSTAL DISPLAY ASSEMBLY. U.S. Pat. Appln. No. 62/012,559; filed 06/16/2014
12. LED ASSEMBLY FOR TRANSPARENT LIQUID CRYSTAL DISPLAY. U.S. Pat. Appln. No. 62/012,572; filed 06/16/2014
13. WIRELESS VIDEO TRANSMISSION SYSTEM FOR LIQUID CRYSTAL DISPLAY. U.S. Pat. Appln. No. 62/013,225; filed 06/17/2014

14. COOLING SYSTEM FOR LIQUID CRYSTAL DISPLAY. U.S. Pat. Appln. No. 62/012,785; filed 06/16/2014
15. SYSTEM FOR TRACKING AND ANALYZING DISPLAY CASE USAGE. U.S. Pat. Appln. No. 62/013,917; filed 06/18/2014
16. SYSTEM FOR DECREASING ENERGY USAGE OF A TRANSPARENT LCD DISPLAY CASE. U.S. Pat. Appln. No. 62/061,950; filed 10/09/2014
17. LED ASSEMBLY FOR TRANSPARENT LIQUID CRYSTAL DISPLAY AND STATIC GRAPHIC. U.S. Pat. Appln. No. 62/061,512; filed 10/08/2014
18. Optical Assembly for Transparent LCD Display Case (aka Beverage Cooler Display with Additional Linear Polarizer). U.S. Pat. Appln. No. 62/055,255; filed 09/25/2014
19. SYSTEM AND METHOD FOR PREVENTING DAMAGE TO PRODUCTS. U.S. Pat. Appln. No. 62/064,304; filed 10/15/2014
20. SYSTEM FOR COOLING AN ELECTRONIC IMAGE ASSEMBLY WITH MANIFOLDS AND AMBIENT GAS. U.S. Pat. Appln. No. 13/279,401; U.S. Patent No. 8,755,021; filed 10/24/2011
21. BACKLIGHT ADJUSTMENT SYSTEM. U.S. Pat. Appln. No. 13/353,371; U.S. Patent No. 8,829,815; filed 09/09/2014
22. GLASS ASSEMBLY. U.S. Pat. Appln. No. 13/296,981; filed 11/15/2011.
23. SYSTEM AND METHOD FOR DYNAMIC LOAD SHARING BETWEEN ELECTRONIC DISPLAYS. U.S. Pat. Appln. No. 13/361,305; filed 01/30/2012
24. EXPANDABLE LIGHT GUIDE FOR BACKLIGHT. U.S. Pat. Appln. No. 61/910,568; filed 12/02/2013