

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT		
<b>EFFECTIVE DATE:</b>	12/19/2014		
<b>CONVEYING PARTY DATA</b>			
	<b>Name</b>	<b>Execution Date</b>	
	JOHN L. WEST	03/23/2015	
	VINCENT J. HETHERINGTON	01/29/2015	
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	KENT STATE UNIVERSITY		
<b>Street Address:</b>	800 EAST SUMMIT ST.		
<b>City:</b>	KENT		
<b>State/Country:</b>	OHIO		
<b>Postal Code:</b>	44242		
<b>PROPERTY NUMBERS Total: 1</b>			
	<b>Property Type</b>	<b>Number</b>	
	Application Number:	14576761	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(330)376-9646		
<i>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.</i>			
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<b>ATTORNEY DOCKET NUMBER:</b>	KSU.444.US		
<b>NAME OF SUBMITTER:</b>	TIMOTHY A. HODGKISS		
<b>SIGNATURE:</b>	/Timothy A. Hodgkiss/		
<b>DATE SIGNED:</b>	04/30/2015		
<b>Total Attachments: 2</b>			
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### Assignment

This Assignment is effective *nunc pro tunc* December 19, 2014.

**In Consideration** of the sum of Ten Dollars (\$10.00), and of other good and valuable consideration paid to the undersigned by the Assignee, Kent State University, a State University organized under the laws of the State of Ohio and having a place of business at 800 East Summit St., Kent, Ohio 44242, receipt of which is hereby acknowledged, the undersigned by these presents hereby sold, assigned, transferred and set over unto the said Assignee the entire right, title and interest in and to the improvement in:

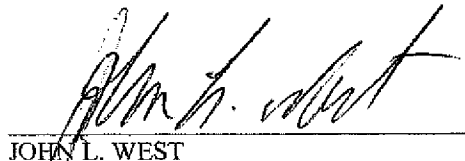
#### **THERMOCHROMIC FABRICS UTILIZING CHOLESTERIC LIQUID CRYSTAL MATERIAL**

said invention being fully described and/or claimed in U.S. Patent Application Serial No. 14/576,761 for Letters Patent of the United States of America, in and for the United States and all foreign countries, the same to be held and enjoyed by said Assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patents therefore may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

**And Said Assignee is Hereby Authorized** to make application for and to receive Letters Patent for said invention in any of said countries of its election.

**And By This Covenant The Undersigned** will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request and at the expense of said Assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefore in said Assignee, its successors, assigns or other legal representatives, and upon the request and at the expense of said Assignee, will execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of said Letters Patents to be granted therefore, and will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein without further compensation, but at the expense of said Assignee, its successors, assigns or other legal representatives.

**And The Commissioner of Patents is Hereby Authorized and Requested** to issue any and all Letters Patents of the United States for said invention, to said Assignee.

  
JOHN L. WEST

Date: March 23, 2015

Witness: Michael Blawie

\_\_\_\_\_  
YIJING CHEN

Date: \_\_\_\_\_

Witness: \_\_\_\_\_

\_\_\_\_\_  
PETER PALFFY-MUHORAY

Date: \_\_\_\_\_

Witness: \_\_\_\_\_

  
\_\_\_\_\_  
VINCENT J. HETHERINGTON

Date: 1/29/15

Witness: Maria Teane

\_\_\_\_\_  
LAWRENCE OSHER

Date: \_\_\_\_\_

Witness: \_\_\_\_\_

\_\_\_\_\_  
JILL S. KAWALEC

Date: \_\_\_\_\_

Witness: \_\_\_\_\_

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