

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DONALD R DIEHL	08/24/2012
RECEIVING PARTY DATA		
Name:	KENT STATE UNIVERSITY	
Street Address:	KENT STATE UNIVERSITY	
City:	KENT	
State/Country:	OHIO	
Postal Code:	44242	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14147730	
CORRESPONDENCE DATA		
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<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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Address Line 1:	1801 E. 9TH STREET	
Address Line 2:	SUITE 1200	
Address Line 4:	CLEVELAND, OHIO 44114	
ATTORNEY DOCKET NUMBER:	KENT-49772US1	
NAME OF SUBMITTER:	PAUL A. SERBINOWSKI	
SIGNATURE:	/Paul A. Serbinowski/	
DATE SIGNED:	10/09/2014	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

2,2'-Binaphthalene Ester Chiral Dopants for Cholesteric Liquid Crystal Displays

and are the subject of a patent application filed in the United States Patent and Trademark Office on August 24, 2012 as U.S. Ser. No. 13/593,971 which application is further identified as Pearne & Gordon LLP Docket No. KENT-49772.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered by the undersigned unto Kent State University, Kent, OH 44242 United States, hereinafter referred to as "assignee," its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grant the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Donald R. Diehl August 24, 2012
Donald R. DIEHL Date I signed this assignment

Post Office Address: ~~37~~²⁷ Kresswood Drive, Rochester, NY 14624, United States

STATE OF OH)
COUNTY OF Portage)ss.

The above named Donald R. DIEHL, known to me, appeared before me this 24 day of August, 2012, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

(Notarial Seal)

Susan M. Hensley
Notary Public

My commission expires: 8-1-14

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