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PATENT
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Pearne & Gordon LLP
Ohio Savings Plaza
1801 East 9th St.
Suite 1200
Cleveland, Ohio 44114-3108
Telephone: (216) 579-1700
Docket No.: KENT.36180

Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Please record the attached original document(s) or copy thereof as follows:

Conveying Party: Kent State University

Receiving Party: Kent Displays, Inc.
Address: 343 Portage Blvd.
Kent, OH 44240

Nature of Conveyance: Assignment Back of their interest obtained from inventors, Joseph W. Doane and Asad A. Khan, in assignment document recorded under Reel/Frame No. 012913/0254.

Date of Execution: January 5, 2004

Please record against:

Patent No(s): N/A

Application No(s): 09/937,210, filed September 24, 2001

No. of Patent(s): N/A

No. of Application(s): 1

A check in the amount of \$40.00 for the recordal fees is enclosed. Please charge any additional fees, or credit any overpayment, to deposit account 16,0820 (our docket KENT.36180).

To my best knowledge and belief, the foregoing information is true and correct. Please correspond with Pearne & Gordon LLP at the above address.

Respectfully submitted,

Paul A. Serbinowski
Registration No. 34,429

January 9, 2004

Date

01/16/2004 ECOOPER 00000138 09937210

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40.00 DP

ASSIGNMENT BACK

For One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we the undersigned assignor, Kent State University, hereby assign all right, title and interest that was obtained from inventors, Joseph W. Doane and Asad A. Khan, in the assignment document recorded under Reel/Frame No. 012913/0254, back to assignee Kent Displays, Inc., its successors and assigns; and we the undersigned assignor, Kent Displays, Inc., hereby assign all right, title and interest that was obtained from inventor, Alexander J. Seed, in the assignment document recorded under Reel/Frame No. 012913/0254, back to assignee Kent State University, its successors and assigns, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions in CHIRAL ADDITIVES FOR CHOLESTERIC DISPLAYS, set forth in application Serial No. 09/937,210, filed September 24, 2001, for United States Letters Patent, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in the United States and in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patents and reissues and extension of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patents; said assignees being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in

the name of said assignees or otherwise as said assignees may deem advisable, under the International Convention or otherwise; the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer said Letters Patents to said assignees in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that the said inventions, patent applications and Letters Patents shall be held and enjoyed by said assignees as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignees all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and in substance which may be requested by said assignees, to furnish said assignees with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patents.

KENT STATE UNIVERSITY

By: John G. West
Name:
Title:

KENT DISPLAYS, INC.

By: _____
Name:
Title:

STATE OF OHIO)
) ss:
COUNTY OF)

This 5th day of JANUARY, 2004, before me personally appeared John G. West to me known to be the VICE PRESIDENT of Kent State University and who acknowledged to me that the foregoing instrument was executed by his/her free act and deed for the uses and purposes therein set forth.

Carol Tonca
Notary Public

STATE OF OHIO)
) ss:
COUNTY OF)

This _____ day of _____, 200__, before me personally appeared _____ to me known to be the _____ of Kent Displays Incorporated and who acknowledged to me that the foregoing instrument was executed by his/her free act and deed for the uses and purposes therein set forth.

Notary Public