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To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Kent State University

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) May 13, 2005

- ☐ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Joint Research Agreement
- ☐ Government Interest Assignment
- ☒ Executive Order 9424, Confirmatory License
- ☐ Other

2. Name and address of receiving party(ies)The United States of America as represented by
the Secretary of the Air Force

Internal Address: AFMCLO/JAZ

Bldg 11, Room D18

Street Address: 2240 B Street

City: Wright-Patterson Air Force Base

State: Ohio

Country: U.S.A. Zip: 45433-7109

Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**

A. Patent Application No.(s)

10/472,677

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Richard A. Lambert

Internal Address: AFMCLO/JAZ

Bldg 11, Room D18

Street Address: 2240 B Street

City: Wright-Patterson AFB

State: Ohio Zip: 45433-7109

Phone Number: (937) 904-5035

Fax Number: (937) 255-3733

Email Address: richard.lambert@wpafb.af.mil

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$

- ☐ Authorized to be charged by credit card
- ☐ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Information

a. Credit card Last 4 Numbers

Expiration Date:

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9. Signature:*RA Lambert*

Signature

June 30, 2009

Date

RICHARD A. LAMBERT

Name of Person Signing

Total number of pages including cover sheet,
attachments, and documents:

2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
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PATENT
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KENT, OHIO 44242-0001

This information confirms to the United States Government, as represented by the Defense Advanced Research Projects Agency (DARPA), an irrevocable, nonexclusive, nontransferable, royalty-free license to practice or have practiced on its behalf through the world, the following subject invention:

DARPA Disclosure File Number _____

KSU Invention Disclosure Number KSU.229

Invention Title: Disclosed as: **"Fast Switching Dual-Frequency Liquid Crystal Cells with High Pretilt Angle, Driven by an Amplitude and Frequency Modulated Voltage"**

Inventors:

Andrii B. Golovin (Post Doctoral Fellow / LCI Researcher – Ukraine)

Sergij V. Shiyanovskii (Adjunct Associate Professor / LCI Researcher – Ukraine)

Oleg Lavrentovich (Professor, CPIP and LCI / current Director, LCI – Ukraine)

Patent Application Number and Filing Date: 10/472,677 filed on 3/25/2004

U.S. Patent Number: _____ (to be assigned to Kent State University)

Issue Date: _____

This subject invention was made with DARPA support through Grant # F33615-00-1-1681

Grantee: Kent State University (KSU), Kent, Ohio 44242-0001

Principal rights to this subject invention have been left with the licensor.

Signed on behalf of KSU: _____

Printed name and title: John L. West, VP for Research & Dean of Graduate Studies

Date: 5/13/05

Accepted on behalf of the federal government:

Signature, DARPA Patent Assistant or other designated official

Printed name and title: _____

Date: _____