

04-14-1999



FORM PTO-1595
(REV. 6-93)
OMB No. 0651-0011 (exp. 4/94)

101013991

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)
Kent State University

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other Confirmatory License

Execution Date: 03/30/99

2. Name and address of receiving party(ies)

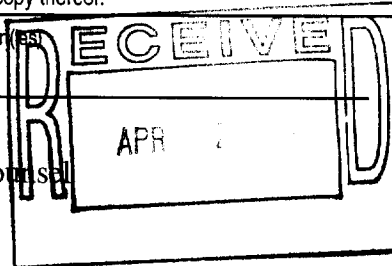
Name: DARPA

Internal Address:
Office of General Counsel

Street Address:
3701 North Fairfax Drive

City: Arlington State: VA ZIP: 22203

Additional name(s) & address(es) attached? ☐ Yes ☒ No



4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/076,577

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kimberly Richmond

Internal Address:
Office of General Counsel

Street Address:
3701 North Fairfax Drive

City: Arlington State: VA ZIP: 22203

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

01-0280

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jewel L. Miller
Name of Person Signing

Kimberly B. Richmond
Signature

03/30/99
Date

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

4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments

PATENT
REEL: 9876 FRAME: 0407

MRD
4.2.99

04/13/1999 JSHBAZZ 00000173 010280 09076577
01 FC:581 40.00 CH

CONFIRMATORY INSTRUMENT

Kent State University (KSU) Invention Disclosure Number(s):

KSU 187

Invention Title: **DRIVE SCHEMES FOR GRAY SCALE BISTABLE
CHOLESTERIC REFLECTIVE DISPLAYS**

Inventor(s): **Dr. Deng-Ke Yang, Xiao-Yang Huang and Nick Miller**

Patent Application Number and Filing Date: **09/076,577
filed May 12, 1998**

U.S. Patent Number - assigned to Kent State University: (not yet issued)

Issue Date:

This subject invention was made with U.S. government agency support through:

ARPA/DARPA contract N61331-96-C-0042

The invention identified above is a "Subject Invention" under the Patent Rights Clause set forth in 37 C.F.R. part 401.14(a) and incorporated in the above-identified Contract(s)/Grant(s).

This document is confirmatory of the paid-up license granted, under the Contract(s)/Grant(s), to the Government in this invention, patent application and resulting patent, and of all other rights acquired by the Government by 37 C.F.R. part 401.14(a).

Where the above-identified patent application has not issued as a patent, the Government is hereby granted an irrevocable power to inspect and make copies of the patent application.

The Principal rights to this Subject Invention have been left with Kent State University.

Signed on behalf of Kent State University:



Date: 3/25/99

M. Thomas Jones, Vice Provost and Dean
Research and Graduate Studies
Kent State University
Terrace Hall
POB 5190
Kent OH 44242-0001

CONFIRMATORY INSTRUMENT

Kent State University (KSU) Invention Disclosure Number(s):

KSU 187

Invention Title: **DRIVE SCHEMES FOR GRAY SCALE BISTABLE
CHOLESTERIC REFLECTIVE DISPLAYS**

Inventor(s): **Dr. Deng-Ke Yang, Xiao-Yang Huang and Nick Miller**

Patent Application Number and Filing Date: **09/076,577
filed May 12, 1998**

U.S. Patent Number - assigned to Kent State University: (not yet issued)

Issue Date:

This subject invention was made with U.S. government agency support through:

ARPA/DARPA contract N61331-96-C-0042

The invention identified above is a "Subject Invention" under the Patent Rights Clause set forth in 37 C.F.R. part 401.14(a) and incorporated in the above-identified Contract(s)/Grant(s).

This document is confirmatory of the paid-up license granted, under the Contract(s)/Grant(s), to the Government in this invention, patent application and resulting patent, and of all other rights acquired by the Government by 37 C.F.R. part 401.14(a).

Where the above-identified patent application has not issued as a patent, the Government is hereby granted an irrevocable power to inspect and make copies of the patent application.

The Principal rights to this Subject Invention have been left with Kent State University.

Signed on behalf of Kent State University:



Date: 3/25/99

M. Thomas Jones, Vice Provost and Dean
Research and Graduate Studies
Kent State University
Terrace Hall
POB 5190
Kent OH 44242-0001



ADVANCED RESEARCH PROJECTS AGENCY
3701 NORTH FAIRFAX DRIVE
ARLINGTON, VA 22203-1714



MAR 30

Commissioner of Patents and Trademarks
United States Patent and Trademark Office
Box Assignments
Washington, D.C. 20231

Attention: Register of Government Interest in Patents

Dear Sir:

Forwarded herewith is a cover sheet (as required by 37 CFR 3.31) and the original and one copy of an instrument confirming the conveyance to the United States Government of certain rights in and to Patent Application Serial No. 09/076,577, filed on May 12, 1998.

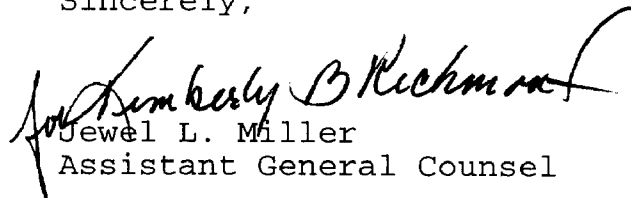
This instrument is forwarded in accordance with Executive Order No. 9424 and 37 CFR Part 7 for recording in the Public portion of the Register of Government Interests.

After the enclosed license is recorded, please return the original to:

Defense Advanced Research Projects Agency
3701 North Fairfax Drive
Arlington, VA 22203-1714

Attn: Office of General Counsel

Sincerely,


Jewel L. Miller
Assistant General Counsel