



03-21-2002

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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): 3-12-02Arizona State University, Subcontractor
to MICROLAB, INC., Prime Contractor
Contract No. F29601-99-C-0101Additional 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(s): October 2, 2001☒ This instrument should be recorded on the government register in accordance with 37 CFR 7.1(e)(1).

2. Name and address of receiving party(ies):

Name: United States Air ForceInternal Address: 377 ABW/JANStreet Address: 2251 Maxwell Ave., SECity: Kirtland AFBState: NM Zip: 87117-5773Additional 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):

09/902,883Filing Date: 7/11/01

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: JAMES M. SKORICHInternal Address: 377 ABW/JANStreet Address: 2251 Maxwell Ave., SECity: Kirtland AFBState: NM ZIP: 87117-5773

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41)\$ 0☐ Enclosed ☒ Not applicable

The instrument to be recorded is not an instrument affecting title (37 CFR 7.1(e)(2) and (j)).

8. Deposit account number:

(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.

JAMES M. SKORICH

Name of person signing

Signature

28 Feb 02

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

2

PATENT

REEL: 012689 FRAME: 0305



ASU CASE #M0-065

CONFIRMATORY LICENSE

U.S. Patent Application for: Optical MEMS Switching Array With Embedded Beam-Confining Channels and Method of Operating Same

Inventor(s): Meichun Ruan, Jun Shen, Charles Wheeler

Serial No.: 09/902,883

Filing Date: 07/11/01


Contract No.: F29601-99-C-0101

This Invention identified above is a "Subject Invention" under Patent Rights Clause (52.227-11 short form or -12 long form) included in Contract No. F29601-99-C-0101 with Department of the Air Force (specify Government Agency).

This document is confirmatory of the paid-up license granted to the Government under this contract in this invention, patent application, and resulting patent, and of all other rights acquired by the Government by the referenced clause.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 2nd day of October, 2001.

By: 
Alan M. Poskanzer

Title of Contractor: Director, Licensing and
Intellectual Property
Administration

Business Address: Arizona State University
Box 873511
Tempe, AZ 85287-3511



F2960199C0101
04/30/99

**DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 377TH AIR BASE WING (AFMC)**

28 Feb 02

**MEMORANDUM FOR COMMISSIONER OF PATENTS & TRADEMARKS
BOX GOVERNMENT INTEREST
WASHINGTON DC 20231**

**FROM: 377 ABW/JAN (Libby Waits/DSN 246-1542 or (505) 846-1542)
2251 Maxwell Avenue SE
Kirtland AFB NM 87117-5773**

**SUBJECT: Transmittal of Confirmatory Instrument for Arizona State
University, Subcontractor to Microlab, Inc., Prime Contractor; Contract No.
F29601-99-C-0101-- ASU Case #MO-065**

- 1. Enclosed for your action is a Confirmatory Instrument for Arizona State University, subcontractor to Microlab, Inc., prime contractor, under Contract No. F29601-99-C-0101. The title of the invention is "Optical MEMS Switching Array With Embedded Beam-Confining Channels and Method of Operating Same," Serial No. 09/902,883, filed on 11 Jul 01.**
- 2. Please call us if you have any questions or desire additional information. Thank you.**

**JAMES M. SKORICH
Patent Attorney, Contract Law and
Laboratory Support Division**

**Attachments:
Confirmatory Instrument for MO-065**