

04-25-2003

Form PTO-1595 (Rev. 10/02)

4-23-03 RECOR



S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

102431693

Tab settings

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

1. Name of conveying party(ies): NORTH CAROLINA, UNIVERSITY OF
Additional name(s) of conveying party(ies) attached? [] Yes [x] No

2. Name and address of receiving party(ies)
Name: NAVY, SECRETARY OF THE, UNITED
Internal Address: STATES OF AMERICA
OFFICE OF NAVAL RESEARCH
Street Address: 800 NORTH QUINCY STREET
City: ARLINGTON State: VA Zip: 22217-5660
Additional name(s) & address(es) attached? [] Yes [x] No

3. Nature of conveyance:
[] Assignment [] Merger
[] Security Agreement [] Change of Name
[x] Other CONFIRMATORY INSTRUMENT
Execution Date: 02/11/03

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) 10/309,126
Additional numbers attached? [] Yes [x] No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: CAROL PETROSKY
Internal Address: OFFICE OF NAVAL RESEARCH
OFFICE OF COUNSEL
Street Address: 800 NORTH QUINCY STREET
City: ARLINGTON State: VA Zip: 22217-5660

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ No Fee Req'd
[] Enclosed
[] Authorized to be charged to deposit account

8. Deposit account number:

9. Signature.
THOMAS E. MCDONNELL [Signature] 04/17/03
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231



26852

PATENT TRADEMARK OFFICE PATENT

REEL: 013988 FRAME: 0331

FINANCE SECTION
APR 23 AM 8:17

LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title: New X-ray Generating Mechanism Using Electron Field Emission Cathode

Inventor(s): Otto Z. Zhou and Jianping Lu

Patent or Application Serial No.: 1) 09/679,303 and 2) 10/309,126

U.S. Filing/Issue Date: 1) October 6, 2001 and 2) December 4, 2002

Grant/Contract Identification Number: N00014-98-1-0597

Grantee/Contractor File #: OTD00-105

Foreign Applications filed/intended in (countries): PCT Application PCT/US01/30027 was filed on 9/27/01; countries not yet known

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the United States Department of the Navy/Office of Naval Research. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license granted to the Federal Government in the invention described in the patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon; and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations, which are applicable to the award.

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

Signed this 11th day of February 2003.

By 

W. Mark Crowell, Associate Vice Chancellor for Economic Development

For: The University of North Carolina at Chapel Hill
At: Office of Technology Development
CB# 4105, 308 Bynum Hall
Chapel Hill, NC 27599-4105

dbp_[onr00-105]