

01/16/2019



103680139

ET JAN 16 2019

1/16/19

To the Director of the U.S. Patent

documents-or-the-new-address(es) below.

1. Name of conveying party(ies)

MISSOURI, UNIVERSITY OF

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

2. Name and address of receiving party(ies)

Name: NAVY, SECRETARY OF THE UNITED STATES

Internal Address: OF AMERICA

OFFICE OF NAVAL RESEARCH

Street Address: 875 NORTH RANDOLPH STREET

City: ARLINGTON

State: VA

Country: USA Zip: 22203-1995

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 05/16/2018

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

14/898,438

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: CAROL PETROSKY

Internal Address: OFFICE OF NAVAL RESEARCH

OFFICE OF COUNSEL

Street Address: 875 NORTH RANDOLPH STREET

City: ARLINGTON

State: VA Zip: 22203-1995

Phone Number: 703-696-4008

Fax Number: 703-696-6909

Email Address: CAROL.PETROSKY@NAVY.MIL

6. Total number of applications and patents involved: 1

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

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

8. Payment Information

Deposit Account Number

Authorized User Name

9. Signature:

Carol Petrosky
Signature

01/07/2019

Date

CAROL PETROSKY
Name of Person Signing

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

2

License to the United States Government

14UMC035
(13UMC041)

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).

Invention Title: Increased x-ray flux from a piezoelectric x-ray generator with x-ray energy characterization

Inventor(s): Scott Kovaleski, James VanGordon, Brady Gall, Peter Norgard

U.S. Filing/Issue Date: ~~XXXXXX~~ 12/14/15

Patent or Application Serial No.: ~~XXXXXX~~ 14/898,438

Grant/Contract Number(s): N00014-13-1-0238

Foreign Applications filed/intended in (countries): _____

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, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that 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 16th day of May

20 18.

By Christopher M. Fender
(Institutional Business Official)
Director - Office of Technology
Title Management & Industry Relations


(Signature)

For UNIVERSITY OF MISSOURI-COLUMBIA
(Grantee/Contractor Organization)

At MU Life Science Business Incubator 1601 S Providence, Suite 124 Columbia, MO 65211
(Business Address)