

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4013189

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
UNIVERSITY OF PENNSYLVANIA	02/11/2016
RECEIVING PARTY DATA	
Name:	US ARMY, SECRETARY OF THE ARMY
Street Address:	810 SCHREIDER STREET
Internal Address:	USAMRMC,MRMC-JA W81XWH-11-1-0246
City:	FORT DETRICK
State/Country:	MARYLAND
Postal Code:	21702-5012
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14776232
CORRESPONDENCE DATA	
Fax Number:	(301)619-5034
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	3016198643
Email:	Janet.P.Wehrenberg.ctr@mail.mil
Correspondent Name:	US ARMY SECRETARY OF THE ARMY
Address Line 1:	810 SCHREIDER STREET
Address Line 2:	USAMRMC,MRMC-JA W81XWH-09-1-055
Address Line 4:	FORT DETRICK, MARYLAND 21702-5012
NAME OF SUBMITTER:	JANET P. WEHREBERG
SIGNATURE:	/JANET P. WEHREBERG/
DATE SIGNED:	08/18/2016
Total Attachments: 1	
source=Confirmatory License 14.776.232#page1.tif	

26406

License to the United States Government

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

Invention Title: A radiographic contrast agent for temporal subtraction and dual-energy breast x-ray imaging based on silver nanoparticles

Inventor(s): Andrew Maidment, Anatoliy Popov, Edward James Delikatny, Andrew Tsourkas, Roshan Karunamuni, Ajlan Al Zaki, Sara Gavenonis, David Cormode

U.S. Filing/Issue Date: 09/14/2015

Patent or Application Serial No.: 14/976,232

Grant/Contract Number(s): W81XWH-09-1-0055, W81XWH-11-1-0246

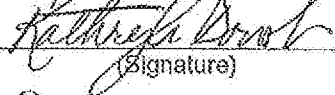
Foreign Applications filed/intended in (countries): _____

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 11th day of February, 2016.

By Kathryn A. Donohue 
Director, Legal Affairs, PCI (Signature)

Title Director, Legal Affairs, PCI

For UNIVERSITY OF PENNSYLVANIA
(Grantee/Contractor Organization)

At 3160 Chestnut Street Suite 200 Philadelphia, PA 19104
(Business Address)