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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
RADIATION MONITORING DEVICES, INC.	01/04/2022

RECEIVING PARTY DATA

Name:	UNITED STATES DEPARTMENT OF ENERGY	
Street Address:	1000 INDEPENDENCE AVE. S.W.	
City:	WASHINGTON	
State/Country:	D.C.	
Postal Code:	20585	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10948914

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DATE SIGNED:	04/21/2022

Total Attachments: 1

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PATENT REEL: 059747 FRAME: 0338 507244571

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(Business Address)

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: Lu1-xI3: Cex - a scintillator for gamma ray spectroscopy and time-of-flight PET Inventor(s): Kanai Shah U.S. Filing/Issue Date: Filed 09/23/2004 / Issued 02/06/2007 Patent or Application Serial No.: Patent 7,173,247 Grant/Contract Number(s): DE-AC03-76SF00098, R01-CA67911 and P01-HL25840 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 State Government. This document is confirmatory of: 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 _____ 4th ____ day of _____ January ____ , 20 __22 __ Martin Waters Digitally signed by Martin Waters Date: 2022.01.04 17:08:53 -05'00' By Martin Waters
(Institutional Business Official) (Signature) Title Vice President, Program Management For RADIATION MONITORING DEVICES, INC. (Grantee/Contractor Organization)

> PATENT REEL: 059747 FRAME: 0339

RECORDED: 04/21/2022