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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
GENERAL ELECTRIC GLOBAL RESEARCH CTR	04/25/2017

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:	15491083

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DATE SIGNED:	01/29/2018

Total Attachments: 1

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PATENT 504750754 REEL: 044752 FRAME: 0365

CONFIRMATORY LICENSE

Title of Invention: DETECTION SYSTEM INCLUDING SENSORS AND METHOD OF

OPERATING SUCH

Inventor(s): Dayu Huang, Emad Andarawis Andarawis, Edward James Nieters, Cheng-Po Chen,

Marco Guerriero

Patent Application Serial No: 15/491083

Filing Date 19APR2017

Patent Number:

Issue Date:

Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable): General Electric Global Reserach

DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable): DE-AC26-07NT42677/Subcontract 11121-5503-01

DOE Case No.: S-145.548

Contractor Docket No.: 316720-1

The Contractor has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified subject invention.

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

Signed this 25th day of April, 2017

General Electric Global Research

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PATENT REEL: 044752 FRAME: 0366

RECORDED: 01/29/2018