505248346 12/20/2018

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
UNIVERSITY OF ALABAMA AT BIRMINGHAM	12/20/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7169396

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Total Attachments: 1

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PATENT 505248346 REEL: 047835 FRAME: 0435

License to the United States Government

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RECORDED: 12/20/2018

(Sign and submit this executed document to the United States Patent and Trademark Office - Electronic Patent Assignment System (EPAS) http://egas.usata.gay

Executive Order 9424: Government Support License (Government Support Clause)
Invention title:
Inventor(s): Beatrice H. Hahn, George M. Shaw, Feng Gao
U.S. Filling/Issue Date: 01-30-2007
Patent or Application Serial No: 7,169,396
Grant/Contract Number(s): AI035170
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. As required by 37 CFR 401.14 (f) (2) and Executive Order 9424:
This invention was made with government support under Grant/Contract Number(s)
Al035170 awarded by the National Institutes of Health. The government has certain rights in the
invention.
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 thisday of December2018
By: Kathy Nugent
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PATENT REEL: 047835 FRAME: 0436