502679074 02/13/2014

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
THE JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY	01/31/2014

RECEIVING PARTY DATA

Name:	THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY	
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City:	WASHINGTON	
State/Country:	DISTRICT OF COLUMBIA	
Postal Code:	20376	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13168490

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Date:	02/13/2014

Total Attachments: 1

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502679074 PATENT REEL: 032263 FRAME: 0780

CONFIRMATORY INSTRUMENT

ADDITION FOR ATTLE OF INVENTION			
APPLICATION FOR (TITLE OF INVENTION)			
Methods and Systems to Implement a Surrogate Ha	ad Madal and Dissalls Manager D. 1 (0) 11 mg 1 (1)		
Methods and Systems to Implement a Surrogate He- Displacement	ad Model and Directly Measure Brain/Skull Relative		
Displacement			
INVENTORS(S)			
Jack C. Roberts			
Andrew C. Merkle			
Bliss G. Carkhuff			
lan D. Wing			
Craig B. Leese			
SERIAL NO.	FILING DATE		
13/168,490	06/24/2011		
CONTRACTOR	CONTRACT NO.		
The Johns Hopkins University Applied Physics Laboratory	N00024-98-D-6606		
The Invention identified above is a "Subject Invention" under Pate	nt Rights Clause FAR 52.227-11		
	(identify clause by title and date)		
included in Conf	ract No. <u>N00024-98-D-6606</u> with		
	<u> </u>		
Department of the Navy (specify government agency)			
(specify government agency)			
This document confirms the paid-up license granted to the govern	ment under this contract in this invention, patent application, and		
any resulting patent, and all other rights acquired by the government	ent through the referenced clause.		
The government is hereby granted an irrevocable power to inspec	t and make conice of the above identified and a start and the		
granted an interestable power to inspec	t and make copies of the above-identified patent application.		
O'constitution of the			
Signed this 31st day of January, 2014			
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	The Johns Hopkins University Applied Physics Laboratory LLC		
Z)	CONTRACTOR		
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PATENT REEL: 032263 FRAME: 0781

RECORDED: 02/13/2014