506312475 10/20/2020

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
INTERNATIONAL BUSINESS MACHINES CORPORATION	10/05/2017

RECEIVING PARTY DATA

Name:	U.S. 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:	15662730

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NAME OF SUBMITTER:	BRENDA K BANKS
SIGNATURE:	/Brenda K Banks/
DATE SIGNED:	10/20/2020

Total Attachments: 1

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PATENT REEL: 054155 FRAME: 0290

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CONFIRMATORY INSTRUMENT

APPLICATION FO	R: <u>ADAPTIVE S</u>	SENSING FOR (GAS LEAK DETE	CTION		
INVENTORS: Mattl	hias Dittberner,	Levente Klein				
SERIAL NO. 15/60 CONTRACTOR: INTERNATIONAL MACHINES COR	BUSINESS	ranna a	FILING DATE: July 28, 2017 CONTRACT NO. DE-AR0000540			
The Invention ident included in the above. Department of Energy This document is of the above contract patent(s), and of all the Government is the above-identified.	ve contract with rgy onfirmatory of the Subject I other rights achieveby granted	n: he paid-up licen: nvention, this pa quired by the Go	se granted to the attent application a covernment by the	Government und and any resulting referenced claus	ier se.	
Signed this:	5 th	day of	October	, 2017		
		MACHINE CONTRA BY: Wenjie Li IP Couns IBM Corp 1101 Kitc P.O. Box	el oration hawan Road, Roi	ute 134		

IBM Invention Reference: YOR820161407
IBM Patent Reference: YOR820161407US01

RECORDED: 10/20/2020

PATENT REEL: 054155 FRAME: 0291