505225420 12/07/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIMON JOHN HOLDEN	08/09/2018
JOSEPH HENRY SPENCER	08/08/2018

RECEIVING PARTY DATA

Name:	THE SECRETARY OF STATE FOR DEFENCE
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City:	SALISBURY, WILTSHIRE
State/Country:	UNITED KINGDOM
Postal Code:	SP4 0JQ

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15834218	

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	041577-1070156
NAME OF SUBMITTER:	LUCY KIMSEY
SIGNATURE:	/LUCY KIMSEY/
DATE SIGNED:	12/07/2018

Total Attachments: 4

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PATENT REEL: 047708 FRAME: 0033

ASSIGNMEN [*] 111(a))	FOF PATENT APPLICATION (Utility Application under 35 USC		
(Inventors)	(1) Simon John HOLDEN		
	(2) Joseph Henry SPENCER		
considerations	sideration of payment for my employment and other good and valuable paid to each of the undersigned, the undersigned agree(s) to assign, ssign, transfer and set over to		
(Assignee)	(6) The Secretary of State for Defence		
(Address)	(7) DSTL, Porton Down, Salisbury, Wiltshire. SP4 0JQ. United Kingdom		
interest for the the country of	(hereinafter designated as the Assignee), the entire right, title and United States, its territories, dependencies and possessions, and for		
(Other applications for Countries) as	(8) ————————————————————————————————————		
(Title)	(9) METHOD AND SYSTEM FOR MONITORING THE MASS OF AN OBJECT		
	(P1699/USD)		
an application has executed	for which the unassigned has (have) executed on even date herewi an application for patent in the United States of America or, if not on even date, th has executed		
	or has already filed in		
	(II) U.S. appln. Serial Number 15/834,218 , filed on 7 December 2017		
this invention	(12) The undersigned acknowledges an obligation of assignment of to said assignee at the time the invention was made.		
	rsigned agree(s) to execute all papers and document necessary in a with the application or any interference which may be declared and		

any continuing or divisional application thereof and also to execute separate assignments in connection with applications as the Assignee may deem

PATENT REEL: 047708 FRAME: 0034 necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

- 2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 3) The undersigned hereby authorise(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest hereby assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
- 4) The undersigned hereby grant(s) the firm of **KILPATRICK TOWNSEND & STOCKTON LLP** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for record of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

9/8/18	-Signature of Inventor	(1) S/MoldM.
7	_	SJ HOLDEN
9/8/18	Witness (1)	
, 1	,	RLLIVESEY
		•
	Signature of Inventor	
		JH SPENCER
	Witness (2)	
	, ,	9/8/18 Witness (1)

ASSIGNMEN 111(a))	<u>r of f</u>	<u>'ATEN</u>	T APPLICATION (Utility Application under 35 USC
(inventors)	_	(1)	Simon John HOLDEN
		(2)	Joseph Henry SPENCER
considerations	paid f	to eacl	payment for my employment and other good and valuable n of the undersigned, the undersigned agree(s) to assign, er and set over to
(Assignee)	(6	6) Th	ne Secretary of State for Defence
(Address)	(7) Kingd		L, Porton Down, Salisbury, Wiltshire. SP4 0JQ. United
interest for the	•		designated as the Assignee), the entire right, title and es, its territories, dependencies and possessions, and for
(Other applications fo Countries) as		nt	in the invention, and all any Letters Patent which may be granted therefor, known
(Title)		METHO OBJEC	D AND SYSTEM FOR MONITORING THE MASS OF AN
	_	(P169	9/USD)
an application has executed			e unassigned has (have) executed on even date herewith the United States of America or, if not on even date, then
	(10) or	on has al	ready filed in
	(11) , fi	U.S. led on	7 December 2017
this invention	(12) to said		undersigned acknowledges an obligation of assignment of nee at the time the invention was made.
The under connection	signed	d agre the ap	e(s) to execute all papers and document necessary in plication or any interference which may be declared and

any continuing or divisional application thereof and also to execute separate assignments in connection with applications as the Assignee may deem

PATENT REEL: 047708 FRAME: 0036 necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

- 2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 3) The undersigned hereby authorise(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest hereby assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
- 4) The undersigned hereby grant(s) the firm of **KILPATRICK TOWNSEND & STOCKTON LLP** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for record of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date		Signature of Inventor	(1)
		3	SJ HOLDEN
Date	voinannannannannannannannannannannannannan	. Witness (1)	
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Date	8/8/18	Signature of Inventor	(2)
			JH SPENCER
Date	81818	Witness (2)	abotant,

PATENT REEL: 047708 FRAME: 0037

RECORDED: 12/07/2018