PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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NATHAN CLOW	11/14/2018
GARY ANTHONY PETTITT	10/31/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16311217	

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SIGNATURE: /LUCY KIMSEY/

DATE SIGNED: 12/19/2018

Total Attachments: 2

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PATENT 505244100 REEL: 047813 FRAME: 0756

ASSIGNMENT OF PATENT APPLICATION (US NATIONAL PHASE OF PCT)						
(Inventors)	(1) Salman Bari HUSSAIN					
	(2) Nathan CLOW					
	(3) Gary Anthony PETTITT					
In consideration of payment for my employment and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, hereby does assign, transfer and set over to						
(Assignee)	(6) The Secretary of State for Defence					
(Address)	(7) DSTL, Porton Down, Salisbury, Wiltshire. SP4 0JQ. United Kingdom.					
(hereinafter designated as the Assignee), the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of						
(Other applications for Countries) as	(8) in the invention, and all patent and any Letters Patent which may be granted therefor, known					
(Title)	(9) CAVITY BACKED ANTENNA					
	(P1670/USW)					
an application has executed	for which the unassigned has (have) executed on even date herewith pplication for patent in the United States of America or, if not on even date, then executed					
	or has already filed in					
	(11) U.S. appln. Serial Number , filed on					
this invention	(12) The undersigned acknowledges an obligation of assignment of to said assignee at the time the invention was made.					
connection	signed agree(s) to execute all papers and document necessary in with the application or any interference which may be declared and uing or divisional application thereof and also to execute separate					

PATENT REEL: 047813 FRAME: 0757 assignments in connection with applications as the Assignee may deem 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	31/10/2018	Signature of Inventor	(1) SB HUSSAIN
Date	31/10/2018	. Witness (1)	- Karnely
	14 NO 12018	Signature of Inventor Witness (2)	(2) Mathe Com N CLOW D. W. Jaff
Date	31/10/201	Signature of Inventor	(3) GA PETTITT
Date	31/10/2018	Witness (3)	James/

RECORDED: 12/19/2018

PATENT

REEL: 047813 FRAME: 0758