507995703 07/06/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT8042843

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DARREN REDDING	02/24/2021
STUART MARTIN PHILLIPS	11/17/2020
GAVIN MORGAN DAVIES	11/18/2020
BENJAMIN MARK DAVIES	10/06/2020
ROBERT JOHN WILSON	11/18/2020

RECEIVING PARTY DATA

Name:	BAE SYSTEMS PLC
Street Address:	6 CARLTON GARDENS
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	SW1Y 5AD

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16977969

CORRESPONDENCE DATA

Fax Number: (603)782-4378

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 603-622-8456

Email: lunderhill@finchmaloney.com FINCH & MALONEY PLLC **Correspondent Name:**

Address Line 1: **GATEWAY ONE**

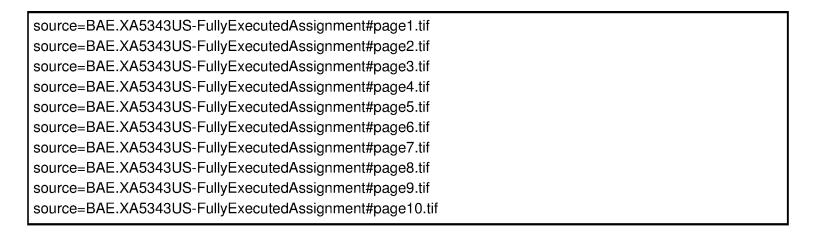
50 COMMERCIAL STREET - SUITE 300 Address Line 2: Address Line 4: MANCHESTER, NEW HAMPSHIRE 03101

ATTORNEY DOCKET NUMBER:	BAE.XA5343US
NAME OF SUBMITTER:	AYANENDU PAUL, REG. NO. 79245
SIGNATURE:	/Ayanendu Paul/
DATE SIGNED:	07/06/2023
	•

Total Attachments: 10

PATENT REEL: 064169 FRAME: 0682

507995703



For value received, We, the undersigned have agreed and hereby agree to assign to BAE SYSTEMS plc having a place of business at 6 Carlton Gardens, London, SW1Y 5AD, UNITED KINGDOM in furtherance of our obligations to BAE SYSTEMS plc, and do hereby assign and transfer to BAE SYSTEMS plc its successors, and assigns the entire right, title and interest, including the right of priority, in, and to and under an application for Letters Patent of the United States entitled:

PRE-DEFINED RECESS

Filing date: September 03, 2020 Application Number: U.S. 16/977,969

and executed on even date herewith the invention and improvements set forth therein, and any and all continuations, continuations-in-part (CIPs), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto including the right of priority under the International Convention which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.

We additionally authorize BAE SYSTEMS plc to file applications in our name for Letters Patent in any country, to be held and enjoyed by BAE SYSTEMS plc its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, and transfer not been made;

And we hereby covenant that we have a full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention or improvements, said application and said Letters Patent to BAE SYSTEMS plc, its successors, assigns, nominees or legal representatives, and we agree to communicate to BAE SYSTEMS plc, or to its nominee, all known facts respecting said invention or improvements said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, CIPs, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid BAE SYSTEMS plc its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention or improvements in any and all countries;

XA5343/USw XA5343 USw FM Assignment (003)

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to BAE SYSTEMS pic, as assignee of the entire right, title and interest, any and all Letters Patent for said invention or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this Assignment.

We further authorize and direct BAE SYSTEMS plc attorneys to insert the application number and filing date of said application now identified by the case number and title set forth above as soon as the same shall have been known to them by the United States Patent and Trademark Office.

Darren Redding	24th Feb 2021
Darren John REDDING	Date Assignment Signed
Stuart Martin PHILLIPS	Date Assignment Signed
Gavin Morgan DAVIES	Date Assignment Signed
Benjaimin Mark DAVIES	Date Assignment Signed
Robert John WILSON	 Date Assignment Signed

XA5343/USw XA5343 USw FM Assignment (003)

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Darren John REDDING	Date Assignment Signed
Sturaff Martin PHILLIPS	17/ii/2020 Date Assignment Signed
Gavin Morgan DAVIES	Date Assignment Signed
Benjalmin Mark DAVIES	Date Assignment Signed
Robert John WILSON	Date Assignment Signed

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Darren John REDDING Date Assignment Signed

Stuart Martin PHILLIPS Date Assignment Signed

Gavin Morgan DAVIES Date Assignment Signed

AN INDE

Benjalmin Mark DAVIES Date Assignment Signed

Robert John WILSON Date Assignment Signed

XA5343/USw XA5343 USw FM Assignment

PATENT REEL: 064169 FRAME: 0689

18/11/2020

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PRE-DEFINED RECESS

Filling date: September 03, 2020 Application Number: U.S. 16/977,969

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XA5343/USw XA5343 USw FM Assignment

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Darren John REDDING	Date Assignment Signed
Stuart Martin PHILLIPS	Date Assignment Signed
Gavin Morgan DAVIES	Date Assignment Signed
Benjalmin Mark DAVIES	<u> </u>
Robert John WILSON	Date Assignment Signed

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PRE-DEFINED RECESS

Filing date:September 03, 2020

S. 1. 4. 4

Application Number: U.S. 16/977,969

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XA5343/USw XA5343 USw FM Assignment

Attorney Docket: Page 2 of 2

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Darren John REDDING	Date Assignment Signed
Stuart Martin PHILLIPS	Date Assignment Signed
Gavin Morgan DAVIES	Date Assignment Signed
Benjamin Mark DAVIES	Date Assignment Signed
RON LOND WILL SON	18/11/2020
Robert John WILSON	Date Assignment Signe

XA5343/USw XA5343 USw FM Assignment

PATENT REEL: 064169 FRAME: 0693

RECORDED: 07/06/2023