

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WEICHAO SHI	04/12/2022
MEHET ATLAR	04/27/2022
CALLUM STARK	04/14/2022
MORITZ TROLL	04/12/2022
MATTHEW THOMPSON	01/05/2023
LEON MALCOLM SWEET	04/13/2022
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:	18006471
CORRESPONDENCE DATA	
Fax Number:	(603)782-4378
<i>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.</i>	
Phone:	603-622-8456
Email:	lunderhill@finchmaloney.com
Correspondent Name:	FINCH & MALONEY PLLC
Address Line 1:	GATEWAY ONE
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Address Line 4:	MANCHESTER, NEW HAMPSHIRE 03101
ATTORNEY DOCKET NUMBER:	BAE.XA5747US
NAME OF SUBMITTER:	NEIL F. MALONEY, REG. NO. 42,833
SIGNATURE:	/NEIL F. MALONEY/
DATE SIGNED:	01/23/2023

Total Attachments: 6

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ASSIGNMENT

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:

AN ARRANGEMENT FOR INFLUENCING LIQUID FLOW AND A METHOD

Filing date: 19 July 2021

Application Number: PCT/GB2021/051844

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;

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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 plc, 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.

Weichao Shi
Weichao SHI

12/04/2022
Date Assignment Signed

Mehmet Atlar
Mehmet ATLAR
Mehmet

27/04/2022
Date Assignment Signed

Callum Stark
Callum STARK

14/4/2022
Date Assignment Signed

M. T. Troll
Moritz TROLL

12.4.2022
Date Assignment Signed

Matthew THOMPSON

Date Assignment Signed

Leon Malcolm SWEET

Date Assignment Signed

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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;

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Date Assignment Signed

Mehmet ATLAR

Date Assignment Signed

Callum STARK

Date Assignment Signed

Moritz TROLL

Date Assignment Signed



Matthew THOMPSON

05/01/2023
Date Assignment Signed

Leon Malcolm SWEET

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Callum STARK


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Moritz TROLL

Date Assignment Signed

Matthew THOMPSON

Date Assignment Signed



Leon Malcolm SWEET

13TH APRIL 2022

Date Assignment Signed

XA5747/USw