503511146 10/06/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3557772

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN DALEY	09/09/2015
MATTHEW JOHN REYNOLDS	09/09/2015

RECEIVING PARTY DATA

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City:	LONDON
State/Country:	UNITED KINGDOM
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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14774482		

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ATTORNEY DOCKET NUMBER:	XA4249-US
NAME OF SUBMITTER:	MATTHEW J. CURRAN
SIGNATURE:	/Matthew J. Curran, Reg. No. 71,094/
DATE SIGNED:	10/06/2015

Total Attachments: 2

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PATENT 503511146 REEL: 036736 FRAME: 0337

Attorney	Docket No.	XA4249-US

COMBINED DECLARATION AND ASSIGNMENT

As one of the below named inventors, I hereby declare that this Combined Declaration and Assignment is directed to:

(1)	X	U.S. application	number or PCT	application	number	PCT/GB20	14/050684	filed	on i)7
	Mar	ch 2014, entitled	A METAMATI	ERIAL; or						

(2)	V	the attach	ed application	on entitled	A MET	TAMATER	IAL	(V	ve hereby
	aut	horize attor	rneys and ag	jents assi	ociated w	ith USPTO	Custome	r No. 24222 to	here insert
	the	filing date	and serial ni	umber of	said appli	cation whe	n known,	US Application	Serial No.
	14	1/774,482	, filed on t	he 10th 🧃	day of Se	eptember, 2	015	, 2014) .	

DECLARATION

As one of the below named inventors, I further declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all Information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1,56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

<u>ASSIGNMENT</u>

THIS ASSIGNMENT, by the undersigned inventors (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements set forth in the application for Letters Patent of the United States identified above;

WHEREAS, BAE SYSTEMS plc a corporation duly organized under and pursuant to the laws of England and Wales and having a principal place of business at 6 Carlton Gardens, London SW1Y 5AD (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the *receipt* of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on

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said inventions and the entire right, title and interest in	and to any applications for Letters Patent of the
United States or other countries claiming priority to said a	applications, and any and all Letters Patent or
	Attorney Docket No.

Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, abovementioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

7/9/15	Stephen DALEY	
Date	Name	Signature
9-56P-2015	Matthew, John REYNOLDS	m Reda
Date	Name	Signature

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PATENT REEL: 036736 FRAME: 0339

RECORDED: 10/06/2015