11/02/2016 504077850

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4124517

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------------|----------------|
| NICHOLAS PARK | 03/07/2016 |
| SIMON ANTHONY JENKINS | 02/09/2016 |
| ANDREW JAMES IRWIN | 02/17/2016 |
| CHRISOSTOMOS ANGELIS CONSTANTINOU | 02/08/2016 |
| NICHOLAS JOHN MARTINDALE | 02/08/2016 |
| CHRISTOPHER STEVEN BINGHAM | 03/29/2016 |

RECEIVING PARTY DATA

| Name: | BAE SYSTEMS PLC |
|-----------------|-------------------|
| Street Address: | 6 CARLTON GARDENS |
| City: | LONDON |
| State/Country: | GREAT BRITAIN |
| Postal Code: | SW1Y5AD |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 15308405 | |

CORRESPONDENCE DATA

Fax Number: (603)886-4796

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: 603-886-6100

Email: patents@mcr-ip.com

MAINE CERNOTA & RARDIN **Correspondent Name:** 547 AMHERST STREET Address Line 1:

Address Line 2: 3RD FLOOR

Address Line 4: NASHUA, NEW HAMPSHIRE 03063

| ATTORNEY DOCKET NUMBER: | XA4466-US |
|-------------------------|--|
| NAME OF SUBMITTER: | MATTHEW J. CURRAN |
| SIGNATURE: | /Matthew J. Curran, Reg. No. 71,094/ |
| DATE SIGNED: | 11/02/2016 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

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Total Attachments: 15 source=XA4466-US_AssignmentDecCombo#page1.tif source=XA4466-US AssignmentDecCombo#page2.tif source=XA4466-US_AssignmentDecCombo#page3.tif source=XA4466-US_AssignmentDecCombo#page4.tif source=XA4466-US_AssignmentDecCombo#page5.tif source=XA4466-US_AssignmentDecCombo#page6.tif source=XA4466-US_AssignmentDecCombo#page7.tif source=XA4466-US_AssignmentDecCombo#page8.tif source=XA4466-US AssignmentDecCombo#page9.tif source=XA4466-US_AssignmentDecCombo#page10.tif source=XA4466-US_AssignmentDecCombo#page11.tif source=XA4466-US_AssignmentDecCombo#page12.tif source=XA4466-US AssignmentDecCombo#page13.tif source=XA4466-US_AssignmentDecCombo#page14.tif source=XA4466-US_AssignmentDecCombo#page15.tif

| Attorney Docket No. | |
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As one of the below named inventors, I hereby declare that this Combined Declaration and Assignment is directed to:

| (3) | X | U.S. application number of PCT application number PCT/G | BZU 15/US 13ZS Bled on US |
|-----|------------|---|---|
| | Ma | ay 2015, entitled LIQUID STORAGE SYSTEM ; or | |
| (2) | aut the | the attached application entitled | er No. 24222 to here insert a, US Application Serial No |

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.

ASSIGNMENT

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

| said inventions and the entire righ | , title and interest in and to an | ly applications for Letters Patent of the |
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| United States or other countries d | iming priority to said application | ns, and any and all Letters Patent or |
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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.

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| Date | Nicholas PARK | Signature |
| Date | Simon, Anthony JENKINS | Signature |
| Date | Andrew, James IRWIN | Signature |
| Date | Chrisostomos, Angelis CONSTANTI | NOU Signature |
| Date | Christopher, Steven BINGHAM | Signature |

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| Date | Nicholas, John MARTINDALE | Signature |
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| | Page <u>3</u> of 3 | |

| Attorney Docket No. | |
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As one of the below named inventors, I hereby declare that this Combined Declaration and Assignment is directed to:

| (1) | ☑ U.S. application number or PCT application number PCT/GB2015/051325 | š filed on 06 |
|-----|---|----------------|
| | May 2015, entitled LIQUID STORAGE SYSTEM , or | |
| (2) | the attached application entitled | to here insert |
| | 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.

ASSIGNMENT

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 pic, a corporation duly organized under and pursuant to the laws of England and Waies 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 a United States or | | applications, | Letters Patent of | |
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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.

| Date | Nicholas PARK | Signature |
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| Date | Simon, Anthony JENKINS | Signature |
| Date | Andrew, James IRWIN | Signature |
| Date | Chrisostomos, Angelis CONSTAN | ITINOU Signature |
| Date | Christopher, Steven BINGHAM | Signature |

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| Date | Nicholas, John MARTINDALE | Signature |
| | Page <u>3</u> of 3 | |

| Attorney Docket No. | *************************************** |
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As one of the below named inventors, I hereby declare that this Combined Declaration and Assignment is directed to:

| (1) | W U.S. application number or PCT application number PCT/G82015 | 5/051325 filed on 06 |
|-----|--|--|
| | May 2015, entitled LIQUID STORAGE SYSTEM; or | |
| (2) | the attached application entitled | . 24222 to here insert Application Serial No |

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.

Lacknowledge 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.

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ASSIGNMENT

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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

| 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 applications, and any and all Letters Patent or Attorney Docket No |
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| 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 sel forth. |
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| Date | Nicholas, John MARTINDALE | Signature |
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Page 3___ of 3____

| Attorney Docket | No. | |
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As one of the below named inventors, I hereby declare that this Combined Declaration and Assignment is directed to:

| (1) | W. S. application number or PCT application number PCT/GB2015 | 5/051325 filed on 06 |
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| | May 2015, entitled LIQUID STORAGE SYSTEM; or | |
| (2) | the attached application entitled authorize attorneys and agents associated with USPTO Customer No the filing date and serial number of said application when known, US Authorized in the day of | . 24222 to here insert. Application Serial No |

DECLARATION

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| thereon, and in and to any continuations, and continuation Patents, and all right Property, the same to be held behoof of its successors, legal Letters Patent or Patents may | of America and all foreign countries and all applications claiming priorins-in-part of said applications, and reissights under the International Conventiand enjoyed by the Assignee, for its overpresentatives, and assigns, to the full be granted as fully and entirely as the this sale and assignment not been made | ity to said applications, divisions, ues and extensions of said Letters ion for the Protection of Industrial wn use and behoof and the use and lend of the term or terms for which e same would have been held and |
| Assignee, its successors, legal these presents, the Assignors the inventions set forth in salbovementioned, and that the | onsideration, the Assignors hereby co I representatives, and assigns, that, at t are the sole and lawful owners of the er aid applications and said applications, same are unencumbered, and that the convey the same in the manner herein | the time of execution and delivery of ntire right, title, and interest in and to including provisional applications Assignors have good and full right |
| Assignee, its successors, legathe Assignee, or the counsel of proceeding in connection with proceeding in connection with interference proceedings, is application, division, continuation any reissue or extension desirable, sign all papers and be done for the procurement, said inventions, without charge | onsideration, the Assignors hereby co- of representatives, and assigns that the of its successors, legal representatives, said inventions or said applications for a Letters Patent or Patents for said in lawful and desirable, or that any ap- on, or continuation-in-part of any applic of any Letters Patent or Patents to to documents, take all lawful oaths, and defen- to the Assignee, its successors, legal asignee, its successors, legal represents | Assignor will, whenever counsel of and assigns, shall advise that any or Letters Patent or Patents, or any niventions in any country, including pplication claiming priority to said attions for Letters Patent or Patents, oe obtained thereon, is lawful and do all acts necessary or required to see of Letters Patent or Patents for representatives, and assigns, but all |
| Patent of the United States to | reby request the Commissioner of Pate the Assignee as the Assignee of said hoof of the Assignee, its successors, leg | inventions, the Letters Patent to be |
| Date | Nicholas PARK | Signature |
| Date | Simon, Anthony JENKINS | Signature |
| Date | Andrew, James IRWIN | Signature |
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| Date | Chrisostomos, Angelis CONSTAN | ITINOU Signature |

Christopher, Steven BINGHAM

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Date

PATENT REEL: 040195 FRAME: 0848

Signature

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Nicholas, John MARTINDALE

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Page 3___ of 3____

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| Attorney Docket No. | |
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As one of the below named inventors, I hereby declare that this Combined Declaration and Assignment is directed to:

| (1) | ■ U.S. application number or PCT application number PCT/GB2018 | 5/051325 filed on 06 |
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| | May 2015, entitled LIQUID STORAGE SYSTEM ; or | |
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| said inventions and the entire right, | title and interest in and to any | y applications for Letters Patent of the |
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| | At | torney 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;

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| Date | Nicholas PARK | Signature |
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| Date | Simon, Anthony JENKINS | Signature |
| Date | Andrew, James IRWIN | Signature |
| Date | Chrisostomos, Angelis CONSTANT | INOU Signature |
| <mark>(၀3(</mark> | Christopher, Steven BINGHAM | Signature |

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| Date | Nicholas, John MARTINDALE | Signature |
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| | Page <u>3</u> of 3 | |

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RECORDED: 11/02/2016