

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4862584

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CONVEYING PARTY DATA previously recorded on Reel 038994 Frame 0703. Assignor(s) hereby confirms the ASSIGNMENT TO THE MITRE CORPORATION.
CONVEYING PARTY DATA	
Name	Execution Date
WAJIH ELSALLAL	06/11/2015
JAMIE HOOD	05/28/2015
AL LOCKER	05/29/2015
RECEIVING PARTY DATA	
Name:	THE MITRE CORPORATION
Street Address:	7515 COLSHIRE DRIVE
City:	MCLEAN
State/Country:	VIRGINIA
Postal Code:	22102
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14544934
CORRESPONDENCE DATA	
Fax Number:	(703)760-7777
<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:	703-760-7774
Email:	klibby@mofo.com
Correspondent Name:	SHOUVIK BISWAS
Address Line 1:	MORRISON & FOERSTER LLP
Address Line 2:	1650 TYSONS BLVD., SUITE 400
Address Line 4:	MCLEAN, VIRGINIA 22102
ATTORNEY DOCKET NUMBER:	69959-20012.00
NAME OF SUBMITTER:	SHOUVIK BISWAS
SIGNATURE:	/ Shouvik Biswas /
DATE SIGNED:	03/12/2018
Total Attachments: 15	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Typesheet Version v1.2

EPAS ID: PAT393216

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WAJIB ELSALLAL	06/11/2015
JAMIE HOOD	05/28/2015
AL LOCKER	05/29/2015
RICK KINDT	06/01/2015

RECEIVING PARTY DATA

Name:	THE MITRE CORPORATION
Street Address:	7515 COLSHIRE DRIVE
City:	MCLEAN
State/Country:	VIRGINIA
Postal Code:	22102

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14544934

CORRESPONDENCE DATA

Fax Number: (703)760-7777

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: 703.760.7769

Email: klibby@mofo.com

Correspondent Name: JONATHAN BOCKMAN

Address Line 1: MORRISON & FOERSTER LLP

Address Line 2: 1650 TYSONS BLVD., SUITE 400

Address Line 4: MCLEAN, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	699592001200
NAME OF SUBMITTER:	JONATHAN BOCKMAN
SIGNATURE:	/Jonathan Bockman/
DATE SIGNED:	06/23/2016

Total Attachments: 6

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PATENT
REEL: 045569 FRAME: 0092

ASSIGNMENT

This assignment is by:

1. Wajih ELSALLAL
c/o The MITRE Corporation
7515 Colshire Drive
McLean, Virginia 22102
2. Jamie HOOD
c/o The MITRE Corporation
7515 Colshire Drive
McLean, Virginia 22102
3. AI LOCKER
c/o The MITRE Corporation
7515 Colshire Drive
McLean, Virginia 22102
- ~~4. Rick KINDT
c/o Naval Research Laboratory
4555 Overlook Avenue, SW
Washington, DC 20375~~

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: The MITRE Corporation
Address: 7515 Colshire Drive, McLean, Virginia 22102

(referred to in this Assignment as "Assignee"), who desire to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

FREQUENCY-SCALED ULTRA-WIDE SPECTRUM ELEMENT

for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 14/544,934

Filing Date: June 16, 2015

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

Assignors'

WAE
03/08/18

AJL
03/08/18

Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, ~~the~~ entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or 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 Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use 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 Assignors, had this sale and assignment not been made.

2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, ~~Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.~~

WAE
03/08/18
AJL
03/08/18

3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.

4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant Assignee's attorneys, all of Morrison & Foerster 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 and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 6/11/15

Signature: 
Wajih Elsallal

Date: _____

Signature: _____

Jamie Hood

Date: 5/29/15

Signature: 
Al Locker

Date: _____

Signature: _____

Rick Kindt

ASSIGNMENT

This assignment is by:

1. Wajih ELSALLAL
c/o The MITRE Corporation
7515 Colshire Drive
McLean, Virginia 22102
2. Jamie HOOD
c/o The MITRE Corporation
7515 Colshire Drive
McLean, Virginia 22102
3. Al LOCKER
c/o The MITRE Corporation
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Assignors

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patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

9A 2/26/19 2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, ~~Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.~~

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____

Signature: _____

Wajih Elsallal

Date: 5/28/15

Signature: _____

Jamie Hood

Jamie Hood

Date: _____

Signature: _____

Al Locker

~~Date: _____~~

~~Signature: _____~~

~~Rick Kindt~~

ASSIGNMENT

This assignment is by:

1. Wajih ELSALLAL
c/o The MITRE Corporation
7515 Colshire Drive
McLean, Virginia 22102

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7515 Colshire Drive
McLean, Virginia 22102

3. Al LOCKER
c/o The MITRE Corporation
7515 Colshire Drive
McLean, Virginia 22102

~~4. Rick KINDT
c/o Naval Research Laboratory
4555 Overlook Avenue, SW
Washington, DC 20375~~

RK
3/24/2017

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

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Assignee: The MITRE Corporation
Address: 7515 Colshire Drive, McLean, Virginia 22102

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____

Signature: _____
Wajih Elsallal

Date: _____

Signature: _____
Jamie Hood

Date: _____

Signature: _____
Al Locker

Date: 6-1-2015

Signature: *Rick Kindt*
Rick Kindt

RK
3/24/2017