505706357 10/03/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW STRUCKHOFF	08/03/2015
TOM HARDY	08/03/2015
JASON R. LANE	08/03/2015
JAMES SARETTE	08/03/2015

RECEIVING PARTY DATA

Name:	ELBIT SYSTEMS OF AMERICA, LLC	
Street Address:	4700 MARINE CREEK PKWY	
City:	FORT WORTH	
State/Country:	TEXAS	
Postal Code:	76179	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16148037

CORRESPONDENCE DATA

Fax Number:

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: 5124826813

Email: brandon.williamson@klgates.com

Correspondent Name: ADAM J. STEGGE
Address Line 1: 2801 VIA FORTUNA

Address Line 2: SUITE 350

Address Line 4: AUSTIN, TEXAS 78746

ATTORNEY DOCKET NUMBER:	2617071.13105
NAME OF SUBMITTER:	ADAM J. STEGGE
SIGNATURE:	/Adam J. Stegge/
DATE SIGNED:	10/03/2019

Total Attachments: 6

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PATENT REEL: 050619 FRAME: 0430

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION to us by ELBIT SYSTEMS OF AMERICA, LLC, the receipt and sufficiency of which are hereby acknowledged, we, Andrew Struckhoff, Tom Hardy, Jason R. Lane, James Sarette and Darius Coakley ("ASSIGNORS"), having made an invention in SYSTEMS AND METHODS FOR NORTHFINDING, do hereby ASSIGN, SELL and CONVEY to ELBIT SYSTEMS OF AMERICA, LLC, a corporation organized and existing under the laws of the State of Texas, doing business at 4700 Marine Creek Parkway, Forth Worth, Texas 76179 and its successors and assigns (collectively, "ASSIGNEE"), the entire right, title and interest throughout the world in and to:

- Said invention in SYSTEMS AND METHODS FOR NORTHFINDING;
- 2. United States of America provisional patent application on said invention, Application No. 62/032,724 filed August 4, 2014, Atty. Dkt. No. 7071-13100 entitled "SYSTEMS AND METHODS FOR NORTHFINDING;" and United States of America non-provisional patent application on said invention, Application No. 14/817,688 filed August 4, 2015, Atty. Dkt. No. 7071-13101 entitled "SYSTEMS AND METHODS FOR NORTHFINDING (attorney is authorized to fill in serial number and filing date);
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
- 4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- All substitutions for and divisions, continuations, continuations-inpart, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;

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PATENT REEL: 050619 FRAME: 0431

- 6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
- 7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
- 8. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment. Further, ASSIGNORS warrant that the INVENTION is not encumbered by another assignment or obligation of assignment to a third-party and that ASSIGNORS have the full ability and authority to assign and encumber the INVENTIONS.

EXECUTED on the date indicated below, opposite my signature.

ASSIGNOR

Date: 8/3/20/5 Andrew Struckhoff

BEFORE ME, the undersigned authority, on this day personally appeared **Andrew Struckhoff**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the

ZRd

day of

[SEAL]

Notary Public in and for

the State of New Hampshine

My Commission Expires:

QHRISTIME B. FITZGERALD, Notary Public My Commission Expires June 5, 2018

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EXECUTED on the date indicated below, opposite my signature.

ASSIGNOR

Date: 8/3/2015

Tom Hardy

BEFORE ME, the undersigned authority, on this day personally appeared **Tom Hardy**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the

______, 2015.

3 /4

day of

[SEAL]

My Commission Expires:

CHRISTINE B. FITZGERALD, Notary Public My Commission Expires June 5, 2018

Notary Public in and for

the State of NewHampshiee

EXECUTED on the date indicated below, opposite my signature.

EXECUTED on the date indicated below, opposite my signature.

ASSIGNOR

Date: <u>3 / August / 2015</u>

James Sarette

BEFORE ME, the undersigned authority, on this day personally appeared James Sarette, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the ______, 2015.

3 Kd

day o

[SEAL]

Notary Public in and for the State of New House

My Commission Expires:

CHRISTINE B. FITZGERALD, Notary Public My Commission Expires Jurie 5, 2018



EXECUTED on the date indicated below, opposite my signature.

ASSIGNOR

Date: 8/4/2015

Darius Coakley

Public in and for

the State of TEXAS

BEFORE ME, the undersigned authority, on this day personally appeared Darius Coakley, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 4th , 2015.

day of

[SEAL]

My Commission Expires:

LACHISSA RENE SAPP MY COMMISSION EXPIRES May 13, 2017

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RECORDED: 10/03/2019