503104456 12/17/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES ANTON HARDER	10/06/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14445221

CORRESPONDENCE DATA

Fax Number: (512)610-3456

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: 512-610-3410

Email: ngarwood@conleyrose.com

Correspondent Name: CONLEY ROSE, P.C. Address Line 1: 13413 GALLERIA CIRCLE

Address Line 2: SUITE 100

Address Line 4: AUSTIN, TEXAS 78738

ATTORNEY DOCKET NUMBER:	7071-12601
NAME OF SUBMITTER:	BARRY S. NEWBERGER
SIGNATURE:	/bsnewberger/
DATE SIGNED:	12/17/2014

Total Attachments: 4

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PATENT 503104456 REEL: 034525 FRAME: 0621

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION to me by ELBIT SYSTEMS OF AMERICA, LLC, the receipt and sufficiency of which are hereby acknowledged, we, James Anton HARDER and Michaelene Williams SPRAGUE ("ASSIGNORS"), having made an invention in LIGHT PIPE SENSOR SYSTEM, 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:

- United States of America patent application on said invention, Application No. 14/445,221 filed July 29, 2014, (CR Ref. 7071-12601) entitled "LIGHT PIPE SENSOR SYSTEM";
- 2. United States of America provisional patent application on at least a portion of said invention, Application No. 61/860,015 filed July 30, 2013, (Attorney's File No. 7071-12600) entitled "LIGHT PIPE SENSOR SYSTEM"
- 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;
- 5. 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;
- 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;

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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 my 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.

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EXECUTED in FORTWORTH X on the date indicated below, opposite my signature.
ASSIGNOR
Date: DOTOBER 6, 2014 James Anton HARDER
BEFORE ME, the undersigned authority, on this day personally appeared James Anton
HARDER, 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 day of day of 2014.
Mande M. Roberts
Notary Public in and for The State of Texas My Commission Expires:
07-06-2017
****** ****** ****** ****** Mandi M. Koberts Commission Expires O7-06-2017

EXECUTED in	on the date indicated below, opposite my signature.
	ASSIGNOR
Date:	Michaelene Williams SPRAGUE
Williams SPRAGUE, know	undersigned authority, on this day personally appeared Michaelene on to me to be the person whose name is subscribed to the foregoing ed to me that he executed the same for the purposes and consideration
GIVEN UNDER MY	Y HAND AND SEAL OF OFFICE, this the day of, 2014.
[SEAL]	Notary Public in and for The State of Texas
My Commission Expires:	

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RECORDED: 12/17/2014