PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RALPH HANSELER	04/26/2018
MITCHELL KARY	04/26/2018

RECEIVING PARTY DATA

Name:	FLIR SURVEILLANCE, INC.
Street Address:	27700 SW PARKWAY AVENUE
City:	WILSONVILLE
State/Country:	OREGON
Postal Code:	97070

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15963995

CORRESPONDENCE DATA

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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.

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Correspondent Name: HAYNES AND BOONE, LLP

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ATTORNEY DOCKET NUMBER:	70052.1559US01
NAME OF SUBMITTER:	GREG J. MICHELSON
SIGNATURE:	/Greg J. Michelson/
DATE SIGNED:	05/01/2018

Total Attachments: 3

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PATENT 504893852 REEL: 045682 FRAME: 0194

Attorney Docket No.: 70052.1559US01

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Ralph Hanseler of Methuen, Massachusetts Mitchell Kary of Haverhill, Massachusetts

hereby sell, assign and transfer to **FLIR Surveillance**, Inc., a Delaware corporation, having a place of business at 27700 SW Parkway Avenue, Wilsonville, Oregon 97070, its successors and assigns, the entire right, title and interest throughout the world in my invention in:

SYSTEMS AND METHODS FOR CONTROL OF ELECTRIC MOTORS

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this <u>ZC</u> day of _	APRIL	, 2018.				
Ralph Hanseler						
	Ralph Ha	inseler				

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of MA

County of Middlesex

On <u>April 26</u> 2018, before me, <u>MMLA 6 Cote</u> a notary public, personally appeared <u>Ralph Hanseler</u> who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the state as noted above that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of NOTARY



Executed this <u></u> day of _	APRIL	, 2018.
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	Mitchell Karv	<i>)</i>

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of MA

County of Middlesey

On April 26 2018, before me, Mall G Cote a notary public, personally appeared Mitchell Kary who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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