PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5164209

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SORIN GAVRILIUC	08/22/2017
JOSHUA M. BYRON	08/18/2018
DAVID R. SMIT	07/23/2018
PAOLO J. MESSINA	08/22/2017

RECEIVING PARTY DATA

Name:	EATON CORPORATION
Street Address:	1000 EATON BOULEVARD
City:	CLEVELAND
State/Country:	ОНЮ
Postal Code:	44122

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	62548562
Application Number:	16106985

CORRESPONDENCE DATA

505117448

Fax Number: (248)594-0600

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: 248-594-0600

Email: docketing@fishstewip.com

Correspondent Name: EIPL C/O FISHMAN STEWART PLLC

Address Line 1: 39533 WOODWARD AVE.

Address Line 2: SUITE 140

Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48304

ATTORNEY DOCKET NUMBER:	67605-1336 AND 67605-1416		
NAME OF SUBMITTER:	ANDREA BLENDEA		
SIGNATURE:	/Andrea Blendea/		
OATE SIGNED: 09/28/2018			
	This document serves as an Oath/Declaration (37 CFR 1.63).		

PATENT REEL: 047005 FRAME: 0284

Total Attachments: 4 source=R1590785#page1.tif source=R1590785#page2.tif source=R1590785#page3.tif source=R1590785#page4.tif

PATENT REEL: 047005 FRAME: 0285

ASSIGNMENT

THIS ASSIGNMENT, made on the dates indicated below, by Sorin Gavriliuc; Joshua M. Byron; David R. Smit; and Paolo J. Messina (hereinafter referred to as Assignors), residing at 7003 Cornerstone Dr., SE,, Caledonia, Michigan 49316; 405 Washington Street SE, APT 28, Grand Rapids, Michigan 49503; 1736 Southampton Dr SE, Grand Rapids, Michigan 49508; and 7621 Apple hill Ct SE, Ada, Michigan 49301, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in ACTUATOR WITH BACKUP COMPONENT FAILURE DETECTION, set forth in a Provisional application for Letters Patent of the United States, already filed on August 22, 2017 as U.S. Application No. 62/548,562; and

WHEREAS, Eaton Corporation, a Corporation having its principal place of business at 1000 Eaton Boulevard, Cleveland, Ohio 44122 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

67605-1336

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, 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 herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will 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 any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals 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:

2

67605-1336

FISHMAN STEWART PLLC

All practitioners at Customer Number 101911

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 08/22/2017	Signature:Sorin Gavriliuc
Date:	Signature: Joshua M. Byron
Date: <u>7-27-2018</u>	Signature: David R. Smit
Date: 8-22-2017	Signature: Paolo J. Messina

FISHMAN STEWART PLLC

All practitioners at Customer Number 101911

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date:	Signature:	Sorin Gavriliuc
Date: <u>August 19, 2019</u>	Signature:	Joshua M. Byrgon
Date:	Signature:	David R. Smit
Date:	Signature:	Paolo J. Messina

67805-1336