

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4869755

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
UWE HERBERTH	02/26/2018
TIM MARTIN	03/12/2018
RECEIVING PARTY DATA	
Name:	NORTHROP GRUMMAN LITEF GMBH
Street Address:	LORRACHER STR. 18
City:	FREIBURG
State/Country:	GERMANY
Postal Code:	79115
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15572566
CORRESPONDENCE DATA	
Fax Number:	(216)621-4072
<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:	216-621-2234
Email:	jshank@tarolli.com
Correspondent Name:	TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.
Address Line 1:	1300 EAST NINTH STREET, SUITE 1700
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	NGLTF-027096 US PCT
NAME OF SUBMITTER:	CHRISTOPHER P. HARRIS
SIGNATURE:	/CHRISTOPHER P. HARRIS/
DATE SIGNED:	03/16/2018
Total Attachments: 2	
source=027029-Assignment#page1.tif	
source=027029-Assignment#page2.tif	

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, Northrop Grumman LITEF GmbH, a corporation organized and existing under the laws of the Country of Germany, with a place of business at Lorracher Str. 18, 79115 Freiburg, Germany, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said Northrop Grumman LITEF GmbH, its successors and assigns, my/our entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said Northrop Grumman LITEF GmbH, as assignee of my entire right, title and interest.

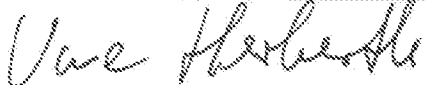
I also hereby sell and assign to Northrop Grumman LITEF GmbH, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said Northrop Grumman LITEF GmbH, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said Northrop Grumman LITEF GmbH, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I hereby further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

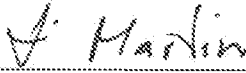
IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE	METHOD FOR DETERMINING STATES OF A SYSTEM USING AN ESTIMATION FILTER		
NONPROVISIONAL APPLICATION NO.		FILING DATE	

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Uwe Herberth
DATE	26.2.2018
RESIDENCE (CITY AND STATE)	Hugstetten, Germany

ASSIGNMENT

DOCKET NO. NG(LTF)027096 US PCT

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Tim Martin
DATE	12.03.2018
RESIDENCE (CITY AND STATE)	Freiburg, Germany