

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3810004

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICHARD P WELLE	03/10/2016
SIEGFRIED W JANSON	03/10/2016
ROGER YANG	03/11/2016
JOHN SERAFINI	03/11/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE AEROSPACE CORPORATION
<b>Street Address:</b>	2310 E. EL SEGUNDO BOULEVARD
<b>City:</b>	EL SEGUNDO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	90245
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62131683
<b>Application Number:</b>	15067933
<b>PCT Number:</b>	US1622041
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)526-5000
<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>	
<b>Phone:</b>	617-526-6000
<b>Email:</b>	becky.douglas@wilmerhale.com
<b>Correspondent Name:</b>	BECKY DOUGLAS / WILMERHALE
<b>Address Line 1:</b>	60 STATE STREET
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02109
<b>ATTORNEY DOCKET NUMBER:</b>	2212403.00123US1
<b>NAME OF SUBMITTER:</b>	BECKY DOUGLAS
<b>SIGNATURE:</b>	/Becky Douglas/
<b>DATE SIGNED:</b>	03/31/2016
<b>Total Attachments: 6</b>	

source=Assignment\_Executed\_USSN\_62\_131683#page1.tif  
source=Assignment\_Executed\_USSN\_62\_131683#page2.tif  
source=Assignment\_Executed\_USSN\_62\_131683#page3.tif  
source=Assignment\_Executed\_USSN\_62\_131683#page4.tif  
source=Assignment\_Executed\_USSN\_62\_131683#page5.tif  
source=Assignment\_Executed\_USSN\_62\_131683#page6.tif

# ASSIGNMENT

WHEREAS, the undersigned, to wit:

Richard P. WELLE residing at P.O. Box 3262, El Segundo, California 90245;  
 Siegfried W. JANSON residing at 250 The Village, #306, Redondo Beach, California 92077;  
 Roger YANG residing at 27114 Springcreek Road, Rancho Palos Verdes, California 90275;  
 John SERAFINI residing at 197 Main Street, Hingham, ~~California~~ 02043  
 Massachusetts

(hereinafter collectively ASSIGNORS), have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

## “CUBESAT LASER COMMUNICATIONS RELAY NETWORK”

- (a) ☐ which is being filed herewith in the United States Patent and Trademark Office;
- (b) ☒ which was filed as U.S. Patent Application No. 62/131683  
 on March 11, 2015 ;

AND WHEREAS, The Aerospace Corporation. (hereinafter ASSIGNEE), a non-profit corporation organized and existing under the laws of the State of California, and having its principal place of business at 2310 E. El Segundo Boulevard, El Segundo, California 90245, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents that may be obtained therefor, and in and to said application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, and set over unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the United States and foreign countries that may be obtained therefor, including the right to sue for past infringement and obtain past damages, and in and to said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in the name of said ASSIGNEE, its successors, assigns, and legal representatives, throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries;

ASSIGNORS also do hereby covenant that they have the full right to convey the entire right, title, and interest herein assigned, and that they have not and will not execute any agreement in conflict herewith;

ASSIGNORS also do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNORS also do hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest in said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

ASSIGNORS also do 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:

WILMER CUTLER PICKERING HALE AND DORR LLP

All practitioners at Customer Number 23483.

This ASSIGNMENT is effective as of March 11, 2015 .

3/10/16  
Date

Richard P. Welle  
Richard P. Welle

Witness:

3/10/2016  
Date

Caranda Z. Wolf

3/10/2016  
Date

Siegfried W. Janson  
Siegfried W. Janson

Witness:

3/10/2016  
Date

Constance Z. Vef

2/11/16

Date

Roger Yang

Roger Yang

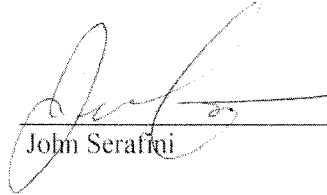
Witness:

2/11/16

Date

James

11 MAR 2016  
Date

  
John Serafini

Witness:

Erin McCarthy  
Date

