

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	RICHARD P WELLE	03/10/2016
RECEIVING PARTY DATA		
Name:	THE AEROSPACE CORPORATION	
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City:	EL SEGUNDO	
State/Country:	CALIFORNIA	
Postal Code:	90245	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
PCT Number:	US1622038	
Application Number:	15067866	
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NAME OF SUBMITTER:	BECKY DOUGLAS	
SIGNATURE:	/Becky Douglas/	
DATE SIGNED:	04/01/2016	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, the undersigned, to wit:

Richard P. WELLE residing at P.O. Box 3262, El Segundo, California 90245

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

"CO-ORBITING LASER COMMUNICATIONS RELAY SATELLITE"

(a) ☐ which is being filed herewith in the United States Patent and Trademark Office;

(b) ☒ which was filed as U.S. Patent Application No. 62/131702
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, ASSIGNOR does 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;

ASSIGNOR also does hereby covenant that he has the full right to convey the entire right, title, and interest herein assigned, and that he has not and will not execute any agreement in conflict herewith;

ASSIGNOR also does 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;

ASSIGNOR also does 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;

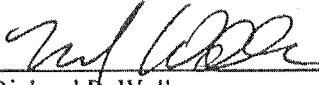
ASSIGNOR also does hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

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 R. Welle

Witness:

3/10/2016
Date

