

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2933437

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TIMOTHY GUY THOMPSON	07/09/2014
MATTHEW PHILLIP FERRINGER	07/09/2014
MARC DAVID DIPRINZIO	07/09/2014
RONALD SCOTT CLIFTON	07/09/2014
RECEIVING PARTY DATA	
Name:	THE AEROSPACE CORPORATION
Street Address:	2310 EAST EL SEGUNDO BOULEVARD
City:	EL SEGUNDO
State/Country:	CALIFORNIA
Postal Code:	90245
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14328026
CORRESPONDENCE DATA	
Fax Number:	(404)853-8806
<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:	404-853-8000
Email:	maple.zheng@sutherland.com
Correspondent Name:	SUTHERLAND ASBILL & BRENNAN LLP
Address Line 1:	999 PEACHTREE STREET NE
Address Line 2:	SUITE 2300
Address Line 4:	ATLANTA, GEORGIA 30309-3996
ATTORNEY DOCKET NUMBER:	11390-0092
NAME OF SUBMITTER:	MALVERN U. GRIFFIN III
SIGNATURE:	/Malvern U. Griffin III/
DATE SIGNED:	07/10/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 7	
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PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Application No. 14/328,026
Filing Date: July 10, 2014

Attorney Docket No. 11390-0092
Client Docket No. D-753

PARTIES TO THE ASSIGNMENT**Assignor(s):**

TIMOTHY GUY THOMPSON

133 Amalfi Court
Purcellville, VA 20132

MATTHEW PHILLIP FERRINGER

35490 Appalachian Trail Road
Round Hill, VA 20141

MARC DAVID DIPRINZIO

25928 Lilypad Lane
South Riding, VA 20152

RONALD SCOTT CLIFTON

769 Kenneth Place SE
Leesburg, VA 20175

Assignee:

THE AEROSPACE CORPORATION

2310 East El Segundo Boulevard
El Segundo, CA 90245

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
"Systems and Methods for Optimizing Satellite Constellation Deployment" (Invention) for which a
non-provisional application for United States Letters Patent

- ☒ was filed on July 10, 2014 and accorded U.S. Application No. 14/328,026; or
☐ will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for
recording.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Application No. 14/328,026
Filing Date: July 10, 2014

Attorney Docket No. 11390-0092
Client Docket No. D-753

Sutherland Asbill and Brennan LLP, associated with Customer No. 91421, to insert in the header above and here in parentheses (U.S. Application No. 14/328,026, filed July 10, 2014) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a non-profit corporation of the State of California, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said Application and any and all letters patent which may be granted for said Invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said Invention, application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said Invention, for litigation regarding said letters patent, or for the purpose of protecting title to said Invention or letters patent therefor.

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Application No. 14/328,026
Filing Date: July 10, 2014

Attorney Docket No. 11390-0092
Client Docket No. D-733

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said letters patent before or after issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Invention or said application, and testify in any legal proceeding, assist in the preparation of any other patent property relating to the application and the Invention or any improvements made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths and/or declarations in connection with the application and the Invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Invention in all countries. These provisions are binding upon our heirs, legal representatives, administrators, and assigns.

CORRESPONDENCE ADDRESS

I hereby direct all correspondence and telephone calls in connection with this application be addressed to the number associated with the customer number listed below, which is:

91421

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)U.S. Application No. 14/328,026
Filing Date: July 10, 2014Attorney Docket No. 11390-0092
Client Docket No. D-753**DECLARATION**

As a below named inventor, I hereby declare that this declaration is directed to:

- ☐ the attached application; or
- ☒ United States application number 14/328,026 filed on July 10, 2014; or
- ☐ PCT international application number _____ filed on _____
(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known)

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of inventor: **TIMOTHY GUY THOMPSON**Timothy Guy Thompson
TIMOTHY GUY THOMPSONWITNESS: [Signature]WITNESS: [Signature]7-9-2014

Date

9 July 14

Date

9 July 14

Date

OR USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY_____
Date_____
TIMOTHY GUY THOMPSON

STATE OF _____

ss.

COUNTY OF _____

This _____ day of _____, _____ before me personally came **TIMOTHY GUY THOMPSON**, personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)U.S. Application No. 14/328,026
Filing Date: July 10, 2014Attorney Docket No. 11390-0092
Client Docket No. D-753**DECLARATION**

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of inventor: **MATTHEW PHILLIP FERRINGER**
MATTHEW PHILLIP FERRINGER7/9/2014
DateWITNESS: 9 July 14
DateWITNESS: 7 July 14
Date**OR USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY**_____
Date_____
MATTHEW PHILLIP FERRINGER

STATE OF _____

ss.

COUNTY OF _____

This _____ day of _____, _____ before me personally came **MATTHEW PHILLIP FERRINGER**, personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)U.S. Application No. 14/328,026
Filing Date: July 10, 2014Attorney Docket No. 11390-0092
Client Docket No. D-753**DECLARATION**

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I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of inventor: MARC DAVID DIPRINZIOMarc David Diprinzio
MARC DAVID DIPRINZIOWITNESS: [Signature]WITNESS: [Signature]2/8/14
Date9 July 14
Date9 July 14
Date**OR USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY**_____
Date_____
MARC DAVID DIPRINZIO

STATE OF _____

ss.

COUNTY OF _____

This _____ day of _____, _____ before me personally came MARC DAVID DIPRINZIO, personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)U.S. Application No. 14/328,026
Filing Date: July 10, 2014Attorney Docket No. 11390-0092
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- ☐ the attached application; or
- ☒ United States application number 14/328,026 filed on July 10, 2014; or
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of inventor: **RONALD SCOTT CLIFTON**

Ronald S Clifton
RONALD SCOTT CLIFTON

7/9/14
Date

WITNESS: [Signature]

9 July 14
Date

WITNESS: [Signature]

9 July 14
Date

OR USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY_____
Date_____
RONALD SCOTT CLIFTON

STATE OF _____

SS.

COUNTY OF _____

This _____ day of _____, _____ before me personally came **RONALD SCOTT CLIFTON**, personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)