PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4189336

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| MICHAEL RUBEL | 12/15/2016 |
| JAMES MASON | 12/15/2016 |

RECEIVING PARTY DATA

| Name: | PLANET LABS INC. |
|-----------------|------------------|
| Street Address: | 346 9TH ST. |
| City: | SAN FRANCISCO |
| State/Country: | CALIFORNIA |
| Postal Code: | 94103 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15197540 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 000153-000300US | |
|-------------------------|---------------------------------|--|
| NAME OF SUBMITTER: | BRIAN N. YOUNG | |
| SIGNATURE: | /Brian N. Young Reg. No. 48602/ | |
| DATE SIGNED: | 12/16/2016 | |

Total Attachments: 2

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PATENT 504133050 REEL: 040642 FRAME: 0344

Attorney Docket No.: 000153-000300US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **Michael Rubel** and **James Mason**, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Automated Schedule Calculation for Controlling

a Constellation of Satellites

Serial No.: <u>15/197,540</u>

Filing Date: June 29, 2016

WHEREAS, **Planet Labs Inc.**, located at 346 9th St. San Francisco, CA 94103 hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

PATENT REEL: 040642 FRAME: 0345 Assignment

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates

indicated.

Dated: 2016-12-15

Michael Rubel

Dated: 2016-12-15

James Mason

PATENT REEL: 040642 FRAME: 0346

RECORDED: 12/16/2016