

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7382921

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
FP CREDIT PARTNERS, L.P., AS ADMINISTRATIVE AGENT AND COLLATERAL AGENT	06/13/2022

RECEIVING PARTY DATA

Name:	SPIRE GLOBAL, INC.
Street Address:	251 RHODE ISLAND ST STE 204
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94103
Name:	AUSTIN SATELLITE DESIGN, LLC
Street Address:	251 RHODE ISLAND ST STE 204
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94103

PROPERTY NUMBERS Total: 29

Property Type	Number
Patent Number:	10637561
Patent Number:	10330794
Patent Number:	9678136
Patent Number:	10676217
Patent Number:	10926891
Patent Number:	9664726
Patent Number:	9830297
Patent Number:	9919814
Patent Number:	10054686
Patent Number:	9519873
Patent Number:	9971062
Patent Number:	10379260
Patent Number:	10020876
Patent Number:	10659148
Patent Number:	10545243

PATENT

Property Type	Number
Patent Number:	9673889
Patent Number:	9755732
Patent Number:	10211913
Patent Number:	9787465
Application Number:	16421577
Application Number:	16863130
Application Number:	15611139
Application Number:	16876740
Application Number:	16037204
Application Number:	15809219
Application Number:	15809230
Application Number:	16849267
Application Number:	17088912
Application Number:	16894320

CORRESPONDENCE DATA

Fax Number: (415)947-2099

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.

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Correspondent Name: WILSON SONSINI GOODRICH & ROSATI, P.C.

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Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	53985.017
NAME OF SUBMITTER:	QUI LU FLOOD
SIGNATURE:	/Qui Lu Flood/
DATE SIGNED:	06/14/2022

Total Attachments: 8

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RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL

This **RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL**, dated as of June 13, 2022 (this "Release"), is made by FP CREDIT PARTNERS, L.P. (together with its successors and assigns, in such capacity, "Agent") in its capacity as administrative agent and collateral agent for the Lenders, in favor of SPIRE GLOBAL, INC., a Delaware corporation and AUSTIN SATELLITE DESIGN, LLC, a Texas limited liability company (individually and collectively, "Grantor").

WITNESSETH

WHEREAS, Grantor, Agent, and certain other financial institutions party thereto (the "Lenders"), are parties to the Loan and Security Agreement, dated as of April 15, 2021 (as amended, restated, or otherwise modified from time to time, the "Loan Agreement");

WHEREAS, pursuant to the Loan Agreement, Grantor executed the Intellectual Property Security Agreement, dated as of May 17, 2021 (the "Agreement") and recorded with the U.S. Patent and Trademark Office on May 17, 2021 at Reel/Frame Nos. 56353/0901 and 7295/0833, pursuant to which Grantor granted and pledged to Agent for its benefit and the benefit of the Lenders a security interest in all of Grantor's right, title and interest in, to and under the Intellectual Property Collateral (as defined in the Agreement).

WHEREAS, Grantor has requested that Agent release its security interest in and to all of its right, title and interest in, to and under the Intellectual Property Collateral.

NOW, THEREFORE, in consideration of the foregoing, Agent hereby DISCHARGES, TERMINATES and RELEASES, without recourse, representation or warranty, its security interest in all right, title and interest in, to and under the Intellectual Property Collateral, including the issued patents, patent applications, trademark registrations and applications set forth in Schedule I attached hereto and incorporated herein by reference, and agrees that all the security interest in the Intellectual Property Collateral is hereby discharged, terminated and released. The undersigned hereby transfers and assigns to Grantor, without recourse, representation or warranty, any and all right, title and interest that Agent may have obtained in, to and under the Intellectual Property Collateral under the Loan Agreement and the Agreement.


[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Agent has caused this Release to be duly executed and delivered as of the date first written above.

FP CREDIT PARTNERS, L.P.,
as Agent

By: FP Credit Partners GP, L.P.
Its: General Partner

By: FP Credit Partners GP Management, LLC
Its: General Partner

By: 
Name: Scott Eisenberg
Title: Managing Director

[Signature Page to Release of Security Interest in Intellectual Property Collateral]

PATENT
REEL: 060198 FRAME: 0641

SCHEDULE I
to
RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL

Copyrights

None.

Patents

<u>Patent Number</u>	<u>Owner Name</u>	<u>Title</u>	<u>Country</u>	<u>Issue Date</u>
US 10,637,561	Spire Global, Inc.	Adaptable Space Radio	USA	28 Apr 2020
US 10,330,794	Spire Global, Inc.	AIS Spoofing and Dark-Target Detection Methodology	USA	25 Jun 2019
US 9,678,136	Spire Global, Inc.	Back-plane Connector for Cubesat	USA	13 Jun 2017
US 10,676,217	Spire Global, Inc.	Deployable Satellite Solar Panel Hinge Mechanism	USA	9 Jun 2020
US 10,926,891	Spire Global, Inc.	Hold Down and Release Mechanism for a Deployable Satellite Solar Panel	USA	23 Feb 2021
US 9,664,726	Spire Global, Inc.	Novel Satellite Communication System	USA	30 May 2017
US 9,830,297	Spire Global, Inc.	Processor System for Control of Modular Autonomous System	USA	28 Nov 2017
US 9,919,814	Spire Global, Inc.	System and Method for Power Distribution in an autonomous modular system	USA	20 Mar 2018
US 10,054,686	Spire Global, Inc.	System and Method for Remote Satellite And Ground Station Constellation Management	USA	21 Aug 2018
US 9,519,873	Spire Global, Inc.	System and Method for Widespread Low Cost Orbital Satellite Access	USA	13 Dec 2016

<u>Patent Number</u>	<u>Owner Name</u>	<u>Title</u>	<u>Country</u>	<u>Issue Date</u>
US 9,971,062 (CIP)	Spire Global, Inc.	System and Method for Widespread Low Cost Orbital Satellite Access	USA	15 May 2018
CAN 2,897,803	Spire Global, Inc.	System and Method for Widespread Low Cost Orbital Satellite Access	CAN	10 Mar 2020
US 10,379,260 (CON)	Spire Global, Inc.	System and Method for Widespread Low Cost Orbital Satellite Access	USA	13 Aug 2019
US 10,020,876	Spire Global, Inc.	Systems and Methods for Command and Control of Satellite Constellations	USA	10 Jul 2018
US 10,659,148 (CON)	Spire Global, Inc.	Systems and Methods for Command and Control of Satellite Constellations	USA	19 May 2020
US 10,545,243	Spire Global, Inc.	Systems and Methods for Improved Atmospheric Monitoring and GPS Positioning Utilizing GNSS Tomographic Refractivity	USA	28 Jan 2020
US 9,673,889	Spire Global, Inc.	Satellite Operating System, Architecture, Testing and Radio Communication System	USA	6 Jun 2017
US 9,755,732	Spire Global, Inc.	Systems and Methods for Satellite Communications Using a Space Tolerant Protocol	USA	5 Sept 2017
US 10,211,913 (CON)	Spire Global, Inc.	Systems and Methods for Satellite Communications Using a Space Tolerant Protocol	USA	19 Feb 2019
US 9,787,465	Spire Global, Inc.	Systems and Methods for Triggerless Data Alignment	USA	10 Oct 2017

PATENT APPLICATIONS

All patent applications are owned by Spire Global, Inc.

<u>Title</u>	<u>Application Number</u>	<u>Status</u>	<u>Country</u>	<u>Application Filing Date</u>
(DIV) AIS Spoofing and Dark-Target Detection Methodology	16/421,577	Pending	USA	24 May 2019
Calibration System for Satellite Radio Receivers Operation	16/863,130	Pending publication	USA	30 Apr 2020
(CON) Satellite Operating System, Architecture, Testing and Radio Communication System	15/ 611,139	Allowed	USA	1 Jun 2017
(DIV) System and Method for Widespread Low Cost Orbital Satellite Access	3,067,604	Pending	CAN	3 Feb 2014
(CON) Systems and Methods for Command and Control of Satellite Constellations	16/876,740	Pending	USA	18 May 2020
Systems and Methods for De-Noiseing GNSS Signals	16/037,204	Allowed	USA	17 Jul 2018
Systems and Methods for Satellite Solar Panel Deployment	15/809,219	Pending	USA	10 Nov 2017
Systems and Methods for Satellite Solar Panel Stowage and Deployment	15/809,230	Pending	USA	10 Nov 2017
(CON) Adaptable Space Radio	16/849,267	Pending	USA	15 Apr 2020
Optimization System of Heterogeneous Low Earth Orbit Multi-Use Spacecraft	17/088,912	Pending publication	USA	4 Nov 2020
(CON) Deployable Satellite Solar Panel Hinge Mechanism	16/894,320	Pending	USA	5 Jun 2020

Trademarks

<u>Trademark Name</u>	<u>Trademark Status</u>	<u>Registration No</u>	<u>Registration Date</u>	<u>Country</u>	<u>Next Renewal Due</u>
AFFORDABLE ACCESS TO SPACE	Registered	4490576	4 Mar 2014	USA	No renewal
ARDUSAT	Registered	4480218	11 Feb 2014	USA	No renewal
ARDUSAT	Registered	4480219	11 Feb 2014	USA	No renewal
BECAUSE SPACE	Registered	13855705	16 Nov 2015	European Union	19 Mar 2025
BECAUSE SPACE	Registered	4020150486 3Q	23 Sep 2015	Singapore	23 Mar 2025
BECAUSE SPACE	Registered	UK0091385 5705	16 Nov 2015	United Kingdom	19 Mar 2025
EXPONENTIAL SPACE TECHNOLOGY	Registered	15588866	2 Nov 2016	European Union	28 Jun 2026
EXPONENTIAL SPACE TECHNOLOGY	Registered	4020161036 1W	3 Nov 2016	Singapore	28 Jun 2026
EXPONENTIAL SPACE TECHNOLOGY	Registered	UK0091558 8866	2 Nov 2016	United Kingdom	28 Jun 2026
OPEN THE FUTURE	Registered	86/409023	4 Aug 2015	USA	04 Aug 2021
SPACE AS A SERVICE	Registered	17040651	23 Nov 2017	European Union	26 Jul 2027
SPACE AS A SERVICE	Registered	3246292	20 Oct 2017	United Kingdom	26 Jul 2027

<u>Trademark Name</u>	<u>Trademark Status</u>	<u>Registration No</u>	<u>Registration Date</u>	<u>Country</u>	<u>Next Renewal Due</u>
SPACE AS A SERVICE	Registered	UK0091704 0651	23 Nov 2017	United Kingdom	26 Jul 2027
SPIRE LOGO	Registered	13855416	16 Nov 2015	European Union	19 Mar 2025
SPIRE LOGO	Registered	4020150486 2X	23 Sep 2015	Singapore	23 Mar 2025
SPIRE LOGO	Registered	86/409043	4 Aug 2015	USA	04 Aug 2021
SPIRE LOGO	Registered	UK0091385 5416	16 Nov 2015	United Kingdom	19 Mar 2025
SPIRE SENSE	Registered	14523757	9 Jan 2016	European Union	02 Sep 2025
SPIRE SENSE	Registered	4020151530 6U	19 May 2016	Singapore	03 Sep 2025
SPIRE SENSE	Registered	86/590616	2 Aug 2016	USA	02 Aug 2022
SPIRE SENSE	Registered	UK0091452 3757	9 Jan 2016	United Kingdom	02 Sep 2025
SPIRE STATIONS	Registered	14523741	23 Dec 2015	European Union	02 Sep 2025
SPIRE STATIONS	Registered	4020151530 7Y	21 Jul 2016	Singapore	03 Sep 2025
SPIRE STATIONS	Registered	UK0091452 3741	23 Dec 2015	United Kingdom	02 Sep 2025
THE ULTIMATE HIGH GROUND	Registered	13855846	16 Nov 2015	European Union	19 Mar 2025

<u>Trademark Name</u>	<u>Trademark Status</u>	<u>Registration No</u>	<u>Registration Date</u>	<u>Country</u>	<u>Next Renewal Due</u>
THE ULTIMATE HIGH GROUND	Registered	4020150486 5S	21 Oct 2015	Singapore	23 Mar 2025
THE ULTIMATE HIGH GROUND	Registered	UK0091385 5846	16 Nov 2015	United Kingdom	19 Mar 2025

Mask Works

None.