

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6452084

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	PATENT SECURITY AGREEMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ROCCOR, LLC	10/28/2020
	MADE IN SPACE, INC.	10/28/2020
RECEIVING PARTY DATA		
Name:	ADAMS STREET CREDIT ADVISORS LP, AS COLLATERAL AGENT	
Street Address:	ONE NORTH WACKER DRIVE, SUITE 2700	
City:	CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	60606	
PROPERTY NUMBERS Total: 45		
Property Type	Number	
Application Number:	16424130	
Application Number:	14532650	
Application Number:	16548495	
Application Number:	16662647	
Application Number:	62593074	
Application Number:	14645844	
Application Number:	16362669	
Application Number:	16028669	
Application Number:	16598013	
Application Number:	15902521	
Application Number:	62663321	
Application Number:	16679644	
Application Number:	15955948	
Application Number:	15789792	
Application Number:	15785570	
Application Number:	14185669	
Application Number:	15170193	
Application Number:	15711087	
Application Number:	15444473	

PATENT

Property Type	Number
Application Number:	16205066
Application Number:	15155216
Application Number:	15372204
Application Number:	16105964
Application Number:	14485240
Application Number:	14860170
Application Number:	16430372
Application Number:	14628040
Application Number:	15227630
Application Number:	14968112
Application Number:	14331729
Application Number:	14555234
Application Number:	14519980
Application Number:	16105966
Application Number:	14604743
Application Number:	14520154
Application Number:	14860085
Application Number:	14596999
Application Number:	16045724
Application Number:	16045726
Application Number:	16045735
Application Number:	16045730
Application Number:	16045732
Application Number:	16045733
Application Number:	14860029
Application Number:	15089767

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 2123186532

Email: alanagramer@paulhastings.com

Correspondent Name: ALANA GRAMER

Address Line 1: 200 PARK AVENUE

Address Line 2: C/O PAUL HASTINGS LLP

Address Line 4: NEW YORK, NEW YORK 10166

NAME OF SUBMITTER:	ALANA GRAMER
---------------------------	--------------

SIGNATURE:	/s/ Alana Gramer
-------------------	------------------

DATE SIGNED:	12/15/2020
Total Attachments: 8 source=Project Boomer - Patent Security Agreement (Executed)(151665766_1)#page1.tif source=Project Boomer - Patent Security Agreement (Executed)(151665766_1)#page2.tif source=Project Boomer - Patent Security Agreement (Executed)(151665766_1)#page3.tif source=Project Boomer - Patent Security Agreement (Executed)(151665766_1)#page4.tif source=Project Boomer - Patent Security Agreement (Executed)(151665766_1)#page5.tif source=Project Boomer - Patent Security Agreement (Executed)(151665766_1)#page6.tif source=Project Boomer - Patent Security Agreement (Executed)(151665766_1)#page7.tif source=Project Boomer - Patent Security Agreement (Executed)(151665766_1)#page8.tif	

PATENT SECURITY AGREEMENT

This **PATENT SECURITY AGREEMENT**, dated as of October 28, 2020 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, this “**Patent Security Agreement**”), is made by the entities identified as grantors on the signature pages hereto (individually, a “**Grantor**,” and, collectively, the “**Grantors**”) in favor of Adams Street Credit Advisors LP, as Collateral Agent for the Secured Parties (in such capacity and together with its successors and permitted assigns, the “**Collateral Agent**”).

WHEREAS, the Grantors are party to a Security Agreement, dated as of October 28, 2020 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “**Security Agreement**”), between each of the Grantors and the other grantors party thereto and the Collateral Agent for the Secured Parties pursuant to which the Grantors granted a security interest to the Collateral Agent (on behalf of the Secured Parties) in the Patent Collateral (as defined below) and are required to execute and deliver this Patent Security Agreement.

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantors hereby agree with the Collateral Agent as follows:

DEFINED TERMS

Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the respective meaning given to them in the Security Agreement.

GRANT OF SECURITY INTEREST

As collateral security for the payment or performance in full of the Secured Obligations, including the Guaranteed Obligations, each Grantor hereby pledges to the Collateral Agent, its successors and permitted assigns, for the benefit of the Secured Parties, and hereby grants to the Collateral Agent, its successors and permitted assigns, for the benefit of the Secured Parties, a security interest in all right, title or interest in or to any and all of the following assets and properties constituting Collateral that are now owned or at any time hereafter acquired by such Grantor or in which such Grantor now has or at any time in the future may acquire any right, title or interest (collectively, the “**Patent Collateral**”); *provided* that, the Patent Collateral shall not include any Excluded Assets:

(a) all letters patent of the United States in or to which any Grantor now or hereafter owns any right, title or interest therein, all registrations and recordings thereof, and all applications for letters patent of the United States, including registrations, recordings and pending applications in the USPTO, including any of the foregoing listed in Schedule A hereto, and (b) all reissues, continuations, divisions, continuations-in-part, renewals, improvements or extensions thereof, and the inventions or designs disclosed or claimed therein, including the right to make, use and/or sell the inventions or designs disclosed or claimed therein,

all additions and improvements to the foregoing, renewals and extensions thereof, rights to sue or otherwise recover for infringements or other violations thereof,

all rights corresponding to the foregoing throughout the world, and

to the extent not otherwise included, all Proceeds, products, accessions, rents and profits of any and all of the foregoing.

SECURITY AGREEMENT

The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to the Collateral Agent for the Secured Parties pursuant to the Security Agreement, and the Grantors hereby acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Patent Security Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control.

RECORDATION

Each Grantor hereby authorizes and requests that the USPTO record this Patent Security Agreement.

TERMINATION

This Patent Security Agreement shall terminate and the security interest in the Patent Collateral shall be released upon the payment and performance of the Secured Obligations (other than any outstanding indemnification obligations). Upon the termination of this Patent Security Agreement, the Collateral Agent shall execute all documents, make all filings and take all other actions reasonably requested by the Grantors to evidence and record the release of the security interests in the Patent Collateral granted herein.

GOVERNING LAW

THIS PATENT SECURITY AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

COUNTERPARTS

This Patent Security Agreement may be executed in one or more counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument. Delivery by facsimile or other electronic communication of an executed counterpart of a signature page to this Patent Security Agreement shall be effective as delivery of an original executed counterpart of this Patent Security Agreement.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, each Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

ROCCOR, LLC, as Grantor

By: 

Name: Peter Cannito

Title: Chief Executive Officer

MADE IN SPACE, INC., as Grantor

By: 

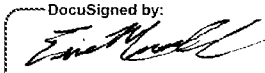
Name: Peter Cannito

Title: Chief Executive Officer

ADAMS STREET CREDIT ADVISORS LP,
as Collateral Agent

By: Adams Street Credit Advisors GP LLC
its general partner

By: Adams Street Partners, LLC, its member

By:  /
C24FDE5EFAB0486
Name: Eric R. Mansell
Title: Executive Vice President

SCHEDULE A
to
PATENT SECURITY AGREEMENT

PATENTS AND PATENT APPLICATIONS

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Expiration Date	Current Owner of Record
Boom deployer devices, systems, and methods.	USA	16424130 2019-05-28	--	Pending	--	Roccor, LLC
Conformal thermal ground planes.	USA	14532650 2014-11-04	10458716 2019-10-29	Granted	27-MAR-2036	Roccor, LLC; The Regents of the University of Colorado
Conformal thermal ground planes.	USA	16548495 2019-08-22	--	Pending	--	Roccor, LLC; The Regents of the University of Colorado
Deployable radiator devices, systems, and methods utilizing composite laminates.	USA	16662647 2019-10-24	--	Pending	--	Roccor, LLC
Deployable Tile Aperture.	USA	62593074	--	--	--	--
Deployment system for supported retractable extension of a composite boom.	USA	14645844 2015-03-12	9593485 2017-03-14	Granted	15-MAR-2035	Roccor, LLC
Devices, systems, and methods for flexible, deployable structure with optical fiber.	USA	16362669 2019-03-24	--	Pending	--	Roccor, LLC
Extendible membrane systems, devices, and methods.	USA	16028669 2018-07-06	--	Pending	--	Roccor, LLC
Foldable tube with unitary hinge devices, systems, and methods.	USA	16598013 2019-10-10	--	Pending	--	Roccor, LLC
Furlable antenna blade devices, systems, and methods.	USA	15902521 2018-02-22	--	Pending	--	Roccor, LLC
Furlable Sail.	USA	62663321	--	--	--	--
Integrated power module devices, systems, and methods.	USA	16679644 2019-11-11	--	Pending	--	Roccor, LLC
Passively deployable thermal management devices, systems, and methods.	USA	15955948 2018-04-18	--	Pending	--	Roccor, LLC

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Expiration Date	Current Owner of Record
Precision deployment devices, systems, and methods.	USA	15789792 2017-10-20	10611502 2020-04-07	Granted	20-OCT-2037	Roccor, LLC
Thermal energy storage devices, systems, and methods.	USA	15785570 2017-10-17	--	Pending	--	Roccor, LLC
Thermal ground planes and light-emitting diodes.	USA	14185669 2014-02-20	9374904 2016-06-21	Granted	20-FEB-2034	Roccor, LLC
Thermal ground planes and light-emitting diodes.	USA	15170193 2016-06-01	9799814 2017-10-24	Granted	20-FEB-2034	Roccor, LLC
Thermal ground planes and light-emitting diodes.	USA	15711087 2017-09-21	--	Pending	--	Roccor, LLC
Two-phase thermal management devices, methods, and systems.	USA	15444473 2017-02-28	--	Pending	--	Roccor, LLC
Two-phase thermal management devices, systems, and methods.	USA	16205066 2018-11-29	--	Pending	--	Roccor, LLC
3D printed environmental control and life support system	USA	15155216 2016-05-16	10099467 2018-10-16	Granted	2036-05-16	Made In Space, Inc.
Additive manufactured waveguides	USA	15372204 2016-12-07	10751988 2020-08-25	Granted	2038-02-10	Made In Space, Inc.
Additive manufacturing of extended structures	USA	16105964 2018-08-20	10675811 2020-06-09	Granted	2035-01-13	Made In Space, Inc.
Additive manufacturing of extended structures	USA	14485240 2014-09-12	10052820 2018-08-21	Granted	2035-10-16	Made In Space, Inc.
Digital catalog for manufacturing	USA	14860170 2015-09-21	10705509 2020-07-07	Granted	2037-10-07	Made In Space, Inc.
In-situ resource preparation and utilization methods	USA	16430372 2019-06-03	—	Pending	—	Made In Space, Inc.
In-situ resource preparation and utilization methods	USA	14628040 2015-02-20	10307970 2019-06-04	Granted	2036-06-29	Made In Space, Inc.
In-space manufacturing and assembly of spacecraft device and techniques	USA	15227630 2016-08-03	—	Pending	—	Made In Space, Inc.
Manufacturing in microgravity and varying external force environments	USA	14968112 2015-12-14	9656426 2017-05-23	Granted	2034-07-15	Made In Space, Inc.

Title	Jurisdiction	Application No./ Filing Date	Patent No./ Issue Date	Status	Expiration Date	Current Owner of Record
Manufacturing in microgravity and varying external force environments	USA	14331729 2014-07-15	—	Pending	—	Made In Space, Inc.
Metal casting methods in microgravity and other environments	USA	14555234 2014-11-26	—	Pending	—	Made In Space, Inc.
Nanoparticle filtering environmental control units	USA	14519980 2014-10-21	9802355 2017-10-31	Granted	2034-07-16	Made In Space, Inc.
Recycling materials in various environments including reduced gravity environments	USA	16105966 2018-08-20	10759089 2020-09-01	Granted	2035-01-25	Made In Space, Inc.
Recycling materials in various environments including reduced gravity environments	USA	14604743 2015-01-25	10052797 2018-08-21	Granted	2036-07-11	Made In Space, Inc.
Remote operations of additive manufacturing devices	USA	14520154 2014-10-21	10350820 2019-07-16	Granted	2035-06-04	Made In Space, Inc.
Seamless scanning and production devices and methods	USA	14860085 2015-09-21	10086568 2018-10-02	Granted	2036-07-22	Made In Space, Inc.
Spacecraft having electronic components as structural members and related methods	USA	14596999 2015-01-14	10640237 2020-05-05	Granted	2037-05-24	Made In Space, Inc.
System and method for manufacturing optical fiber	USA	16045724 2018-07-25	—	Pending	—	Made In Space, Inc.
System and method for manufacturing optical fiber	USA	16045726 2018-07-25	—	Pending	—	Made In Space, Inc.
System and method for manufacturing optical fiber	USA	16045735 2018-07-26	—	Pending	—	Made In Space, Inc.
System and method for manufacturing optical fiber	USA	16045730 2018-07-25	—	Pending	—	Made In Space, Inc.
System and method for manufacturing optical fiber	USA	16045732 2018-07-25	—	Pending	—	Made In Space, Inc.
System and method for manufacturing optical fiber	USA	16045733 2018-07-25	—	Pending	—	Made In Space, Inc.
Terrestrial and space-based manufacturing systems	USA	14860029 2015-09-21	10725451 2020-07-28	Granted	2037-02-06	Made In Space, Inc.
Terrestrial and space-based manufacturing systems	USA	15089767 2016-04-04	10401832 2019-09-03	Granted	2035-09-21	Made In Space, Inc.

LEGAL_US_E # 151459529.4

RECORDED: 12/15/2020

PATENT
REEL: 054770 FRAME: 0127