507143916 02/23/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7190760

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT DAVID REWERTS	02/11/2021
ETAN D. KARNI	02/11/2021
NICHOLAS JAMES JENKINS	02/11/2021
JASON C. BELL	02/11/2021
AVRAM E. ROSENFELD	08/13/2021
RAVI SINGH	08/13/2021

RECEIVING PARTY DATA

Name:	RADIA, INC.
Street Address:	1035 PEARL STREET, 5TH FLOOR
City:	BOULDER
State/Country:	COLORADO
Postal Code:	80302

PROPERTY NUMBERS Total: 1

Property Type Number	
Application Number:	17410660

CORRESPONDENCE DATA

Fax Number: (317)231-7433

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: 13172317762

Email: heather.behlmer@btlaw.com

Correspondent Name: HEATHER BEHLMER

Address Line 1: BARNES & THORNBURG LLP (IN) Address Line 2: 11 SOUTH MERIDIAN STREET Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER:	88042-343329
NAME OF SUBMITTER:	RORY P. PHEIFFER
SIGNATURE:	/rpp/
DATE SIGNED:	02/23/2022

PATENT REEL: 059078 FRAME: 0001 507143916

Total Attachments: 12 source=343329 Inventor Assignments#page1.tif source=343329 Inventor Assignments#page3.tif source=343329 Inventor Assignments#page4.tif source=343329 Inventor Assignments#page5.tif source=343329 Inventor Assignments#page6.tif source=343329 Inventor Assignments#page7.tif source=343329 Inventor Assignments#page8.tif source=343329 Inventor Assignments#page8.tif source=343329 Inventor Assignments#page9.tif source=343329 Inventor Assignments#page10.tif source=343329 Inventor Assignments#page11.tif source=343329 Inventor Assignments#page12.tif

PATENT REEL: 059078 FRAME: 0002

ocuSign Envelope ID: 321CB3F	F-9514-4A6F-AA3E-1F122A976AC4
	Attorney Docket No.: 121485-24 (RADIA-0050 PCT)
	COMBINED DECLARATION AND ASSIGNMENT
This declaration and assig	nment is directed to the following patent application(s):
	United States Provisional Patent Application No.: 62/939.348 Title: SYSTEM AND METHOD FOR HOMOGENEOUS CARGO OR PAYLOAD SPACE RESERVATION WITH HETEROGENEOUS CARGOS AND PAYLOADS Filed On: November 22, 2019
	United States Non-Provisional Patent Application No.: Title: Filed On:
	International Patent Application No.: PCT/US2020/61883 Title: SYSTEM AND METHODS FOR HOMOGENEOUS CARGO OR PAYLOAD SPACE RESERVATION WITH HETEROGENEOUS CARGO AND PAYLOADS Filed On: November 23, 2020
To the extent any of the a confirms any such previous	bove-identified applications has previously been assigned by the undersigned, this declaration and assignment sassignment.
Declaration	
As the below nan	red inventor, I hereby declare that:
The above-identity	fied application(s) ("Application(s)") was made or authorized by me.
I believe that I an	the original inventor or an original inventor of a claimed invention or discovery in the Application(s).
I have reviewed a information which is mate this Application(s) in the U	and understood the contents of the Application(s), including the claims, and I acknowledge the duty to disclose trial to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of United States of America.
	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or than five (5) years, or both for filings of this Application(s) in the United States of America.
Assignment	RADIA, INC. 929 Pearl Street, Suite 200 Boulder, CO 80302
	Colored

a Corporation organized under and pursuant to the laws of Colorado.

(hereinafter designated as the "Assignee"),

For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee my entire right, title, and interest in, to, and under the Application(s), including all priority rights for other countries arising therefrom and the right to claim priority to the Application(s), all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office, and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application(s) including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I shall execute all papers necessary in connection with the Application(s) in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

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I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office, and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application(s) or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

	LEGAL NAME OF INVENTOR: Scott David Rew	erts	
	Scott David Rewerts	2/11/2021	
-	Signature B8689AABD6A3465	Date	
-			
-			
-	5071886.1		
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	TODOL WILL DITO VIVOVOVA	
	Attorney Docket No.: 121485-24 (RADIA-0050 PCT)	
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I have reviewed and understood the contents of the Application(s), including the claims, and I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this Application(s) in the United States of America.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both for filings of this Application(s) in the United States of America.		
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(hereinafter designated as the "Assignee"),		
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I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

LEGAL NAME OF INVENTOR: Etan D. Karní			
	DocuSigned by:		
	Etan D. kami	2/1.1/2021	
Signature	8F5E2752595E498	Date	

5071887.1

DocuSign Envelope ID: 9E1Et	3B18-84E3-4B9A-9716-2EFC7ACBB9C8
	Attorney Docket No.: 121485-24 (RADIA-0050 PCT)
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Assignment	
	RADIA, INC. 929 Pearl Street, Suite 200 Boulder, CO 80302
	a Corporation organized under and pursuant to the laws of Colorado.
	(hereinafter designated as the "Assignee"),
transferred to Assignee	consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and my entire right, title, and interest in, to, and under the Application(s), including all priority rights for other om and the right to claim priority to the Application(s), all inventions or discoveries therein disclosed, and any

and all Letters Patent of the United States, European Patent Office, and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application(s) including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

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I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

LEGAL NAME OF INVENTOR: Nicholas James	<u>Jenkins</u>	
Mcholas James Jenkins	2/11/2021	
Signature F868C9F252CE453	Date	
5071894.3		
20710245		

uSign Envelope ID: 71DF1D50-A79D-4C08-B769-9620C20CE3D2		
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The above-identified application(s) ("Application(s)") was made or authorized by me.

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LEGAL NA	ME OF INVENTOR:	<u>!</u>	
	Docusigned by:	2/11/2021	
Signature	F7905D805D6243E	Date	
5071896.1			

Attorney Docket No.:	88042-343328 (RA	(DIA-0050-PCT)

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	United States Non-Provisional Patent Application No.: Title: Filed On:
	International Patent Application No.: PCT/US2021/061883 Title: SYSTEMS AND METHODS FOR OPTIMIZATION OF PACKAGING LARGE IRREGULAR PAYLOADS FOR SHIPMENT BY AIR VEHICLES

To the extent any of the above-identified applications has previously been assigned by the undersigned, this declaration and assignment confirms any such previous assignment.

Declaration

As the below named inventor, I hereby declare that:

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Attorney Docket No.: 88042-343328 (RADIA-0050-PCT)

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LEGAL NAME OF INVENTOR: Avram E. ROSENFELD					
Bocusigned by:	8/13/2021				
Signature Signature	Date				

Attorney Docket No.: 88042-343328 (RADIA-0050-PCT)

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Attorney Docket No.: 88042-343328 (RADIA-0050-PCT)

I shall execute all papers necessary in connection with the Application(s) in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s), or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office, and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application(s) or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

LEGAL N	AME OF INVENTOR: RAVI SINGII		
	OociuSitgned by:	8/13/2021	
Signature	**************************************	Date	