

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7167066

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
JOBY ELEVATE, INC.		07/29/2021
RECEIVING PARTY DATA		
Name:	JOBY AERO, INC.	
Street Address:	2155 DELAWARE AVENUE	
Internal Address:	SUITE #225	
City:	SANTA CRUZ	
State/Country:	CALIFORNIA	
Postal Code:	95060	
PROPERTY NUMBERS Total: 32		
Property Type	Number	
Application Number:	16786319	
Application Number:	17092805	
Application Number:	17212413	
Application Number:	17194881	
Application Number:	16838371	
Application Number:	17308680	
Application Number:	17127247	
Application Number:	17244163	
Application Number:	17314680	
Application Number:	17314872	
Application Number:	17499017	
Application Number:	17461140	
Application Number:	17463885	
Application Number:	63112276	
Application Number:	17523271	
Application Number:	17499024	
Application Number:	17461212	
Application Number:	17514823	
Application Number:	15952815	

PATENT

Property Type	Number
Application Number:	17354460
Application Number:	17467702
Application Number:	16178506
Application Number:	16272999
Application Number:	16453817
Application Number:	16935892
Application Number:	17125409
Application Number:	16248170
Application Number:	16276425
Application Number:	17216070
Application Number:	16405436
Application Number:	16894264
Application Number:	17501710

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.

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NAME OF SUBMITTER:	TYLER P. ESPY
SIGNATURE:	/Tyler P. Espy/
DATE SIGNED:	02/09/2022

Total Attachments: 15

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CONFIRMATORY PATENT ASSIGNMENT

This Confirmatory Patent Assignment made effective as of July, 24 2021, by and between Joby Elevate, Inc., a Delaware corporation ("Assignor") with an address at 2155 Delaware Avenue, Suite #225, Santa Cruz, CA 95060 and Joby Aero, Inc., a Delaware corporation ("Assignee") with an address at 2155 Delaware Avenue, Suite #225, Santa Cruz, CA 95060.

1. For good and valuable consideration, the adequacy of which is acknowledged, Assignor hereby sells, assigns, transfers and conveys to Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to the inventions disclosed in patents and patent applications identified in Schedule A, including (a) any renewals, reissues, reexaminations, extensions, continuations, continuations in part, divisions and substitutions relating to any such patent or patent application, as well as all related counterparts to any such patent and patent application, wheresoever issued or pending anywhere in the world, as well as any patents or patent applications in the same priority chain (i.e., any patent or patent application that claims priority to the same non-provisional patent or patent applications, and all patents from which priority is claimed by the identified patent), and all patents that are subject to a terminal disclaimer that disclaims the term of any such patent beyond the term of any member of the patent family; and (b) all rights to causes of action and remedies related thereto (including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to the foregoing).
2. Assignor hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict with this Confirmatory Patent Assignment.
3. This Confirmatory Patent Assignment will be governed in all respects, including as to validity, interpretation and effect, by the internal laws of the State of Delaware, without giving effect to the conflict of laws rules thereof to the extent that the application of the law of another jurisdiction would be required thereby.

[Signature page follows]

IN WITNESS WHEREOF, Assignor and Assignee have caused this Confirmatory Patent Assignment to be duly executed by an authorized officer on this 21st day of July, 2021.

Signature of Assignor

Joby Elevate, Inc.

By: Kate DeHoff

Name: Kate DeHoff

Its: General Counsel and Corporate Secretary

Signature of Assignee

Joby Aero, Inc.

By: Kate DeHoff

Name: Kate DeHoff

Its: General Counsel and Corporate Secretary

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

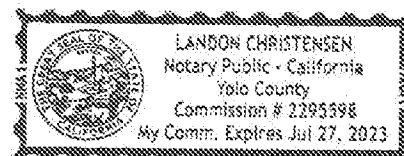
County of Yolo

Subscribed and sworn to (or affirmed) before me on this 30 day

of July, 2021, by Katherine

DeHoff, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature [Signature] (Seal)



Schedule A
Assigned Patents

United Docket#/ Firm Docket No.	Case Type	Country	Application Number	Filing Date	Issued/Pending/ Lapsed/In Draft	Title
UP-00445AU	PCT	AU	2018260459	4/25/2018	Pending	Efficient VTOL Resource Management in an Aviation Transport Network
UP-00445CN	PCT	CN	2018260459	4/25/2018	Pending	Efficient VTOL Resource Management in an Aviation Transport Network
UP-00445EP	PCT	EP	18790347.1	4/25/2018	Pending	Efficient VTOL Resource Management in an Aviation Transport Network
UP-00445JP	PCT	JP	2019-558428	4/25/2018	Pending	Efficient VTOL Resource Management in an Aviation Transport Network
UP-00445KR	PCT	KR	10-2019-7034711	4/25/2018	Pending	Efficient VTOL Resource Management in an Aviation Transport Network
UP-00445US	Utility	US	15/961,806	4/24/2018	Allowed	EFFICIENT VTOL RESOURCE MANAGEMENT IN AN AVIATION TRANSPORT NETWORK
UP-00445USC1	Utility-CON	US	16/460,447	7/2/2019	Issued	EFFICIENT VTOL RESOURCE MANAGEMENT IN AN AVIATION TRANSPORT NETWORK
UP-00445USP1	Provisional	US	62/489,992	4/25/2017	Lapsed	Methods for Improving Efficiency in VTOL Transportation Networks
UP-00445WO	PCT	WO	PCT/IB2018/052864	4/25/2018	Lapsed	Efficient VTOL Resource Management in an Aviation Transport Network
UP-00572AU	PCT	AU	2018349342	10/4/2018	Pending	Network System Including Drones

UP-00572US	Utility	US	15/952,815	4/13/2018	Pending	Network System Including Drones
UP-00572USC1	Utility	US	17/354,460	6/22/2021	Pending	Network System Including Drones
UP-00572USP	Provisional	US	62/570,232	10/10/2017	Lapsed	NETWORK SYSTEM INCLUDING DRONES
UP-00572WO	PCT	WO	PCT/IB2018/057708	10/4/2018	Lapsed	Network System Including Drones
UP-00582US	Utility	US	16/053,753	8/2/2018	Pending	VTOL AIRCRAFT FOR NETWORK SYSTEM
UP-00582USP1	Provisional	US	62/540,517	8/2/2017	Lapsed	VTOL AIRCRAFT FOR NETWORK SYSTEM
UP-00582USP2	Provisional	US	62/541,050	8/3/2017	Lapsed	VTOL AIRCRAFT FOR NETWORK SYSTEM
UP-00689CN	PCT	CN	201880078316.9	11/3/2018	Pending	VTOL M-WING CONFIGURATION
UP-00689EP	PCT	EP	18872947.9	11/3/2018	Pending	VTOL M-WING CONFIGURATION
UP-00689HK	PCT	HK	62021023400.6	1/8/2021	Pending	VTOL M-WING CONFIGURATION
UP-00689KR	PCT	KR	10-2020-7015469	11/3/2018	Pending	VTOL M-WING CONFIGURATION
UP-00689US2	Utility	US	16/179,941	11/3/2018	Pending	STACKED PROPELLERS
UP-00689US3	Utility	US	16/179,940	11/3/2018	Pending	VTOL M-WING CONFIGURATION
UP-00689US4	Utility	US	16/179,939	11/3/2018	Pending	BOOM CONTROL EFFECTORS
UP-00689USP1	Provisional	US	62/581,623	11/3/2017	Lapsed	Vertical Takeoff and Landing Aircraft
UP-00689USP2	Provisional	US	62/666,659	5/3/2018	Lapsed	VERTICAL TAKEOFF AND LANDING AIRCRAFT
UP-00689WO	PCT	WO	PCT/US2018/059111	11/3/2018	Lapsed	VTOL M-WING CONFIGURATION

UP-00693CIP1USC2	Utility-CIP	US	17/125,409	12/17/2020	Pending	SAFE VERTICAL TAKE-OFF AND LANDING AIRCRAFT PAYLOAD DISTRIBUTION AND ADJUSTMENT
UP-00693US1	Utility	US	16/178,506	11/1/2018	Issued	SAFE VERTICAL TAKE-OFF AND LANDING AIRCRAFT PAYLOAD ASSIGNMENT
UP-00693US1CIP1	Utility-CIP	US	16/272,999	2/11/2019	Issued	SAFE VERTICAL TAKE-OFF AND LANDING AIRCRAFT PAYLOAD DISTRIBUTION AND ADJUSTMENT
UP-00693USC1	Utility-CON	US	16/453,817	6/26/2019	Issued	SAFE VERTICAL TAKE-OFF AND LANDING AIRCRAFT PAYLOAD ASSIGNMENT
UP-00693USC2	Utility-CON	US	16/935,892	7/22/2020	Pending	SAFE VERTICAL TAKE-OFF AND LANDING AIRCRAFT PAYLOAD ASSIGNMENT
UP-00693USP	Provisional	US	62/581,627	11/3/2017	Lapsed	VTOL Passenger Aircraft
UP-00815US	Utility	US	16/356,359	3/18/2019	Pending	VERTICAL TAKEOFF AND LANDING AIRCRAFT
UP-00815USP	Provisional	US	62/666,642	5/3/2018	Lapsed	VERTICAL TAKEOFF AND LANDING AIRCRAFT
UP-00816US	Utility	US	16/356,276	3/18/2019	Pending	QUAD-WING VERTICAL TAKEOFF AND LANDING AIRCRAFT
UP-00816USP	Provisional	US	62/666,652	5/3/2018	Lapsed	QUAD-WING VERTICAL TAKEOFF AND LANDING AIRCRAFT
UP-00816WO	PCT	WO	PCT/US2019/030628	5/3/2019	Lapsed	QUAD-WING VERTICAL TAKEOFF AND LANDING AIRCRAFT

UP-00817US	Utility	US	16/404,945	5/7/2019	Pending	VEHICLE BATTERY PACK HEALTH MONITORING
UP-00817USP	Provisional	US	62/668,167	5/7/2018	Lapsed	VEHICLE BATTERY PACK HEALTH MONITORING
UP-00833US	Utility	US	16/404,510	5/6/2019	Pending	REDUCING HAZARD OF LITHIUM DENDRITES IN LITHIUM CELLS
UP-00833USP	Provisional	US	62/668,146	5/7/2018	Lapsed	Method for reducing hazard of lithium dendrites in lithium ion and rechargeable lithium metal cells
UP-00834US	Utility	US	16/248,170	1/15/2019	Pending	Dynamic Veniport Configuration
UP-00841US	Utility	US	16/276,425	2/14/2019	Issued	VERTICAL TAKE- OFF AND LANDING (VTOL) AIRCRAFT NOISE SIGNATURE MITIGATION
UP-00841USC1	Utility	US	17/216,070	3/29/2021	Pending	VERTICAL TAKE- OFF AND LANDING (VTOL) AIRCRAFT NOISE SIGNATURE MITIGATION
UP-00842AU	PCT	AU	2019265545	5/7/2019	Pending	DYNAMIC AIRCRAFT ROUTING
UP-00842EP	PCT	EP	19726243.9	5/7/2019	Pending	DYNAMIC AIRCRAFT ROUTING
UP-00842US1	Utility	US	16/169,726	10/24/2018	Issued	Dynamic Aircraft Routing
UP-00842US2	Utility	US	16/405,493	5/7/2019	Pending	DYNAMIC AIRCRAFT ROUTING
UP-00842US2CIP1	Utility-CIP	US	16/437,745	6/11/2019	Pending	DYNAMIC AIRCRAFT ROUTING
UP-00842USP1	Provisional	US	62/668,176	5/7/2018	Lapsed	DYNAMIC AIRCRAFT ROUTING

UP-00842USP2	Provisional	US	62/668,745	5/8/2018	Lapsed	DYNAMIC AIRCRAFT ROUTING
UP-00842WO	PCT	WO	PCT/US2019/031124	5/7/2019	Lapsed	DYNAMIC AIRCRAFT ROUTING
UP-00842W02	PCT	WO	PCT/US2020/037002	6/10/2020	Pending	DYNAMIC AIRCRAFT ROUTING
UP-00847US	Utility	US	16/405,436	5/7/2019	Pending	System and Method for Landing and Storing Vertical Take-Off and Landing Aircraft
UP-00847USP	Provisional	US	62/668,206	5/7/2018	Lapsed	Stacked Vertiport Pads
UP-00847WO	PCT	WO	PCT/US2019/031134	5/7/2019	Lapsed	SYSTEM AND METHOD FOR LANDING AND STORING VERTICAL TAKE-OFF AND LANDING AIRCRAFT
UP-00849AU	PCT	AU	2019259340	3/28/2019	Pending	DETERMINING VTOL DEPARTURE TIME IN AN AVIATION TRANSPORT NETWORK FOR EFFICIENT RESOURCE MANAGEMENT
UP-00849EP	PCT	EP	19793503.4	3/28/2019	Pending	DETERMINING VTOL DEPARTURE TIME IN AN AVIATION TRANSPORT NETWORK FOR EFFICIENT RESOURCE MANAGEMENT
UP-00849US	Utility	US	16/367,874	3/28/2019	Pending	DETERMINING VTOL DEPARTURE TIME IN AN AVIATION TRANSPORT NETWORK FOR EFFICIENT RESOURCE MANAGEMENT

UP-00849USP1	Provisional	US	62/662,189	4/24/2018	Lapsed	DETERMINING VTOL DEPARTURE TIME IN AN AVIATION TRANSPORT NETWORK FOR EFFICIENT RESOURCE MANAGEMENT
UP-00849WO	PCT	WO	PCT/IB2019/052578	3/28/2019	Lapsed	DETERMINING VTOL DEPARTURE TIME IN AN AVIATION TRANSPORT NETWORK FOR EFFICIENT RESOURCE MANAGEMENT
UP-00884US	Utility	US	16/579,597	9/23/2019	Pending	DYNAMIC ENERGY ABSORBING SEAT
UP-00884USP	Provisional	US	62/735,806	9/24/2018	Lapsed	DYNAMIC ENERGY ABSORBING SEAT
UP-00944US	Utility	US	16/688,970	11/19/2019	Pending	AERIAL VEHICLE USING MOTOR PULSE-INDUCED CYCLIC CONTROL
UP-00944USP	Provisional	US	62/769,503	11/19/2018	Lapsed	AERIAL VEHICLE USING MOTOR PULSE-INDUCED CYCLIC
UP-00990US	Utility	US	16/894,264	6/5/2020	Pending	ROUTING BASED ON VEHICLE CHARACTERISTICS
UP-00990USP	Provisional	US	62/858,815	6/7/2019	Lapsed	ROUTING BASED ON VEHICLE CHARACTERISTICS
UP-00990WO	PCT	WO	PCT/US2020/036325	6/5/2020	Pending	ROUTING BASED ON VEHICLE CHARACTERISTICS
UP-00992US	Utility	US	16/948,394	9/16/2020	Pending	INTEGRATING AIR AND GROUND DATA COLLECTION FOR IMPROVED DRONE OPERATION

UP-00992USP	Provisional	US	62/901,156	9/16/2019	Lapsed	INTEGRATING AIR AND GROUND DATA COLLECTION FOR IMPROVED DRONE OPERATION
UP-00993USP	Provisional	US	62/901,174	9/16/2019	Lapsed	DRONE CHARGE MANAGEMENT
UP-00994USP	Provisional	US	62/859,463	6/10/2019	Lapsed	AUTOMATED INTERNAL BATTERY REPOSITIONING FOR CENTER OF GRAVITY BALANCING AND MANAGEMENT
UP-00995AU	PCT	AU	2020293099	6/10/2020	Pending	DISTRIBUTED WEIGHT MEASUREMENT USING INTEGRATED LOAD CELLS
UP-00995EP	PCT	EP	20751364.9	6/10/2020	Pending	DISTRIBUTED WEIGHT MEASUREMENT USING INTEGRATED LOAD CELLS
UP-00995US	Utility	US	16/898,076	6/10/2020	Pending	DISTRIBUTED WEIGHT MEASUREMENT USING INTEGRATED LOAD CELLS
UP-00995USP	Provisional	US	62/859,469	6/10/2019	Lapsed	DISTRIBUTED WEIGHT MEASUREMENT USING INTEGRATED LOAD CELLS
UP-00995WO	PCT	WO	PCT/US2020/037009	6/10/2020	Pending	DISTRIBUTED WEIGHT MEASUREMENT USING INTEGRATED LOAD CELLS
UP-01058US	Utility	US	16/786,319	2/10/2020	Issued	Multi-Modal Transportation Service Planning and Fulfillment

UP-01058USC1	Utility-CON	US	17/092,805	11/9/2020	Pending	Multi-Modal Transportation Service Planning and Fulfillment
UP-01058USP	Provisional	US	62/820,011	3/18/2019	Lapsed	Multi-Modal Transportation Service Planning and Fulfillment
UP-01058WO	PCT	WO	PCT/US2020/023313	3/18/2020	Pending	Multi-Modal Transportation Service Planning and Fulfillment
UP-01059US	Utility	US	17/212,413	3/25/2021	Pending	Systems and Methods for Generating Flight Plans Used by a Ride Sharing Network
UP-01059USP	Provisional	US	62/820,063	3/18/2019	Lapsed	Systems and Methods for Generating Flight Plans Used by a Ride Sharing Network
UP-01059USP2	Provisional	US	62/994,320	3/25/2020	Lapsed	Systems and Methods for Generating Flight Plans Used by a Ride Sharing Network
UP-01059WO	PCT	WO	PCT/US2021/024158	3/25/2021	Pending	Systems and Methods for Generating Flight Plans Used by a Ride Sharing Network
UP-01069US	Design	US	29/684,042	3/18/2019	Pending	DISPLAY SCREEN OR PORTION THEREOF WITH A GRAPHICAL USER INTERFACE
UP-01077US	Utility	US	16/818,524	3/13/2020	Pending	CONFORMAL PYLON/BOOM PROP-ROTORS
UP-01077USP	Provisional	US	62/818,071	3/13/2019	Lapsed	PROP-ROTORS
UP-01096US	Utility	US	16/948,422	9/17/2020	Pending	HIGH-EFFICIENCY DRONE MANAGEMENT
UP-01096USP	Provisional	US	62/901,380	9/17/2019	Lapsed	HIGH-EFFICIENCY DRONE MANAGEMENT
UP-01100US	Utility	US	16/896,983	6/9/2020	Pending	BOOM ASSEMBLY FOR AERIAL VEHICLE

UP-01100USC1	Utility-CON	US	17/247,344	12/8/2020	Pending	BOOM ASSEMBLY FOR AERIAL VEHICLE
UP-01100USP1	Provisional	US	62/834,362	4/15/2019	Lapsed	AERIAL VEHICLE WITH TILT ROTOR AND TILT WING
UP-01100USP2	Provisional	US	62/834,816	4/16/2019	Lapsed	AERIAL VEHICLE WITH TILT ROTOR AND TILT WING
UP-01100USP3	Provisional	US	62/859,689	6/10/2019	Lapsed	OCTOROTOR AERIAL VEHICLE WITH PIVOTING PROPULSIVE ARCHITECTURE
UP-01100USP4	Provisional	US	62/955,788	12/31/2019	Lapsed	OCTOROTOR AERIAL VEHICLE WITH PIVOTING PROPULSIVE ARCHITECTURE
UP-01105US	Utility	US	16/897,699	6/10/2020	Pending	TIME VARYING LOUDNESS PREDICTION SYSTEM
UP-01105USP	Provisional	US	62/859,685	6/10/2019	Lapsed	TIME VARYING LOUDNESS PREDICTION VIA A TRAINED MODEL
UP-01105WO	PCT	WO	PCT/US2020/036953	6/10/2020	Pending	TIME VARYING LOUDNESS PREDICTION SYSTEM
UP-01142US	Utility	US	16/949,623	11/6/2020	Pending	AERIAL RIDE QUALITY IMPROVEMENT SYSTEM USING FEEDBACK
UP-01142USP	Provisional	US	62/931,509	11/6/2019	Lapsed	AERIAL RIDE QUALITY IMPROVEMENT USING USER FEEDBACK
UP-01142WO	PCT	WO	PCT/US2020/070756	11/6/2020	Pending	AERIAL RIDE QUALITY IMPROVEMENT SYSTEM USING FEEDBACK
UP-01150US	Utility	US	17/194,881	3/8/2021	Pending	System and Method for Robotic Charging Aircraft

UP-01150USP	Provisional	US	62/986,125	3/6/2020	Lapsed	System and Method for Robotic Charging Aircraft
UP-01156WO	PCT	WO	PCT/US2021/012585	1/8/2021	Pending	Systems and Methods for Facilitating a Multi-Modal Transportation Service
UP-01156US	Utility	US	16/838,371	4/2/2020	Pending	Systems and Methods for Facilitating a Multi-Modal Transportation Service
UP-01156USP	Provisional	US	62/969,704	2/4/2020	Lapsed	Systems and Methods for Facilitating a Multi-Modal Transportation Service
UP-01157AU	PCT	AU	2021201872	3/25/2021	Pending	Systems and Methods for Seamless Feedback Between Aviation Services and Multimodal Transportation Services
UP-01157WO	PCT	WO	PCT/US2021/024149	3/25/2021	Pending	Systems and Methods for Seamless Feedback Between Aviation Services and Multimodal Transportation Services
UP-01157USP	Provisional	US	63/000,278	3/26/2020	Lapsed	Systems and Methods for Seamless Feedback Between Aviation Services and Multimodal Transportation Services
UP-01180US	Utility	US	17/640,727	5/5/2021	Pending	Systems and Methods for Communicating with Secondary Users of a Transportation Service
UP-01180WO	PCT	WO	PCT/US2021/030855	5/5/2021	Pending	Systems and Methods for Communicating with Secondary Users of a Transportation Service
UP-01180USP	Provisional	US	63/020,279	5/5/2020	Lapsed	Systems and Methods for Communicating with Secondary Users of a Transportation Service
UP-01181US	Utility	US	17/127,247	12/18/2020	Pending	Systems and Methods for Providing Aircraft Sensory Cues
UP-01181USP	Provisional	US	62/955,901	12/31/2019	Lapsed	Systems and Methods for Providing Aircraft Sensory Cues

UP-01182US	Utility	US	16/949,414	10/28/2020	Pending	AERIAL VEHICLE WITH DIFFERENTIAL CONTROL MECHANISMS
UP-01182USP	Provisional	US	62/927,099	10/28/2019	Lapsed	AERIAL VEHICLE WITH DIFFERENTIAL CONTROL MECHANISMS
UP-01215US	Utility	US	17/244,163	4/29/2021	Pending	Systems and Methods for Transferring Aircraft
UP-01215USP	Provisional	US	63/017,162	4/29/2020	Lapsed	Systems and Methods for Transferring Aircraft
UP-01219US	Utility	US	17/119,491	12/11/2020	Pending	BATTERY PACK FOR AERIAL VEHICLE
UP-01219USP	Provisional	US	62/948,190	12/13/2019	Lapsed	BATTERY PACK FOR AERIAL VEHICLE
UP-01219WO	PCT	WO	PCT/US2020/064556	12/11/2020	Pending	BATTERY PACK FOR AERIAL VEHICLE
UP-01268US	Utility	US	TBD	TBD	In Draft	System and Method for Reducing Choke Points Associated with Switching Between Transportation Modes of a Multi-Modal Transportation Service
UP-01268USP	Provisional	US	63/073,608	9/2/2020	Pending	System and Method for Reducing Choke Points Associated with Switching Between Transportation Modes of a Multi-Modal Transportation Service
UP-01278USP	Provisional	US	63/031,210	5/28/2020	Lapsed	CLOUD SERVICE INTEGRATION WITH ONBOARD VEHICLE SYSTEM
UP-01278US	Utility	US	17/303,418	5/28/2021	Pending	CLOUD SERVICE INTEGRATION WITH ONBOARD VEHICLE SYSTEM

UP-01279USP	Provisional	US	63/031,219	5/28/2020	Lapsed	PERIODIC VERTIPORT USAGE AND CAPACITY DATA EXCHANGE
UP-01279US	Utility	US	17/303,472	5/28/2021	Pending	PERIODIC VERTIPORT USAGE AND CAPACITY DATA EXCHANGE
UP-01282US	Utility	US	17/314,680	5/7/2021	Pending	Systems and Methods for Facilitating Climate Control for Aerial Vehicles
UP-01282USP	Provisional	US	63/021,392	5/7/2020	Lapsed	Systems and Methods for Facilitating Climate Control for Aerial Vehicles
UP-01282WO	PCT	PCT	PCT/US2021/031273	5/7/2021	Pending	Systems and Methods for Simulating Aircraft Systems
UP-01283US	Utility	US	17/314,872	5/7/2021	Pending	Systems and Methods for Simulating Aircraft Systems
UP-01283USP	Provisional	US	63/021,398	5/7/2020	Lapsed	Systems and Methods for Simulating Aircraft Systems
UP-01284USP	Provisional	US	63/090,448	10/12/2020	Pending	Systems and Methods for Optimizing Multi- Modal Transportation
UP-01308USP	Provisional	US	63/071,849	8/28/2020	Pending	Payload Management for Vertical Take-Off and Landing Aircraft Utilizing Ground Transportation
UP-01309USP	Provisional	US	63/073,178	9/1/2020	Pending	Systems and Methods for Facilitating Aerial Vehicle Services
UP-01328USP	Provisional	US	62/706,611	8/28/2020	Pending	BATTERY PACK FOR AERIAL VEHICLE
UP-01333USP	Provisional	US	63/112,276	11/11/2020	Pending	Systems and Methods for Multi-Modal Transportation Simulation Verification

UP-01349USP	Provisional	US	63/111,811	11/10/2020	Pending	Systems and Methods for Facilitating Communication Between Aerial Computing Devices
UP-01351USP	Provisional	US	63/090,502	10/12/2020	Pending	Systems and Methods for Mitigating Third Party Contingencies