507048522 12/28/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JULIO GIL	12/23/2021
JULIAN LELAND BELL	12/24/2021
YOUNGJUN CHOI	12/23/2021

RECEIVING PARTY DATA

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City:	ATLANTA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17553599

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ATTORNEY DOCKET NUMBER:	IPP2020086290/UPSE.350998	
NAME OF SUBMITTER:	KARLA OLIVAS	
SIGNATURE:	/Karla Olivas/	
DATE SIGNED:	12/28/2021	

Total Attachments: 4

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PATENT 507048522 REEL: 058490 FRAME: 0686

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor, has sold and assigned, and by these presents hereby sells and assigns, unto

UNITED PARCEL SERVICE OF AMERICA, INC. 55 Glenlake Parkway NE Atlanta, GA 30328

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

"SYSTEMS, METHODS, AND APPARATUSES FOR LOCATING, ENGAGING, AND SHIFTING OBJECTS IN AUTOMATED OR SEMI-AUTOMATED FASHION"

as set forth in United States Patent Application No. 17/553,599, filed on December 16, 2021;

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications, and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters patent

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PATENT REEL: 058490 FRAME: 0687 The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this assignment.

Julio Gil Julio Gii (Dec 23, 2021 01:52 GMT+1)	Dec 23rd, 2021
Julio Gil	Date
Julian Leland Bell	Date
Youngjun Choi	Date

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this assignment.

Julio Gil	Date
Julian Leiand 8eli (Dec 24, 2021 13:04 EST)	2021-12-24
Julian Leland Bell	Date
Youngjun Choi	Date

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Julio Gil	Date	
Julian Leland Bell	Date	
Youngiun Choi Youngjun Choi (Dec 23, 2021 13:07 EST)	12/23/2021	
Youngjun Choi	Date	

RECORDED: 12/28/2021