

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN MASTRANGELO	08/31/2020
THOMAS E. VAUGHAN	09/21/2020
RECEIVING PARTY DATA	
Name:	BALL AEROSPACE & TECHNOLOGIES CORP.
Street Address:	1600 COMMERCE STREET
City:	BOULDER
State/Country:	COLORADO
Postal Code:	80301
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17005809
CORRESPONDENCE DATA	
Fax Number:	(303)863-0223
<i>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.</i>	
Phone:	3038639700
Email:	wwood@sheridanross.com
Correspondent Name:	SHERIDAN ROSS P.C.
Address Line 1:	1560 BROADWAY
Address Line 2:	SUITE 1200
Address Line 4:	DENVER, COLORADO 80202
ATTORNEY DOCKET NUMBER:	1604BA-918
NAME OF SUBMITTER:	BRADLEY M. KNEPPER
SIGNATURE:	/Bradley M. Knepper/
DATE SIGNED:	09/21/2020
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, we, John Mastrangelo of 5484 Crestone Cir., Boulder, CO 80301, and Thomas E. Vaughan of 1433 Serenity Circle, Longmont, CO 80504, have invented a certain new and useful invention entitled "**SYSTEMS AND METHODS FOR THE EFFICIENT DETECTION AND TRACKING OF OBJECTS FROM A MOVING PLATFORM**", for which an application for Letters Patent of the United States has been prepared and filed on August 28, 2020, receiving Serial No. 17/005,809 and further identified as Attorney File No. 1604BA-918.

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign, and transfer unto said assignee, Ball Aerospace & Technologies Corp., a Delaware Corporation having a place of business at 1600 Commerce Street, Boulder, Colorado 80301, its successors, legal representatives, and assigns, the aforesaid patent application(s), the invention(s) described therein and any modification and/or improvement(s) to the invention(s) thereof, and all regular, continuation, divisional, continuation-in-part, and reissue applications associated therewith; all corresponding patent applications in foreign countries; all applications pursuant to the Patent Cooperation Treaty; all applications for extension filed or to be filed for the invention(s), improvements and/or modifications; and all Letters Patent, Invention Registrations, Utility Models, Extensions, Reissues, and other patent rights obtained for the invention(s), improvements and/or modifications in the United States or any other country;

We also assign any right, title, and interest in and to the invention(s), improvements and/or modifications, which has not already been transferred to the assignee;

We warrant that we have made no assignment of the invention(s), application(s), and/or patent therefor to a party other than Ball Aerospace & Technologies Corp., and we are under no obligation to make any assignment of the invention(s), including improvements and/or modifications to the invention(s), application(s), or patent(s) therefor to any other party; and

We further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

We have reviewed and understand the contents of the application(s), including the claims thereof, which may have been amended by a preliminary amendment filed with the application(s) or which are contemplated. We affirm that the above-identified inventions and applications were made or authorized to be made by us. We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. We hereby acknowledge that any willful false statement regarding inventorship of these applications is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent(s) solely in accordance with the terms of this Assignment, to Ball Aerospace & Technologies Corp., its

successors, legal representatives, and assigns, as the assignee of the entire right, title, and interest therein.

IN WITNESS WHEREOF, we have executed this Assignment as of the date indicated hereunder.

Date: 8/31/2020

By: /John Mastrangelo/
John Mastrangelo

Date: _____

By: _____
Thomas E. Vaughan

successors, legal representatives, and assigns, as the assignee of the entire right, title, and interest therein.

IN WITNESS WHEREOF, we have executed this Assignment as of the date indicated hereunder.

Date: _____

By: _____
John Mastrangelo

Date: 2020 Sep 21

By: /Thomas E. Vaughan/
Thomas E. Vaughan