507804084 03/17/2023

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OLIVER MASEFIELD	03/16/2023
MARK DRELA	03/16/2023

RECEIVING PARTY DATA

Name:	ELECTRA AERO, INC.
Street Address:	10520 WAKEMAN DRIVE
City:	MANASSAS
State/Country:	VIRGINIA
Postal Code:	20110

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18122532

CORRESPONDENCE DATA

Fax Number: (212)208-2430

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: 2126921055

Email: scunningham@duanemorris.com

Correspondent Name: DUANE MORRIS LLP; ATTN: BRIAN D. SIFF

Address Line 1: 1540 BROADWAY

Address Line 4: NEW YORK, NEW YORK 10036-4086

ATTORNEY DOCKET NUMBER:	Y9608-00019
NAME OF SUBMITTER:	STEPHEN J. SMITH
SIGNATURE:	/Stephen J. Smith/
DATE SIGNED:	03/17/2023

Total Attachments: 2

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PATENT 507804084 REEL: 063013 FRAME: 0677

JOINT ASSIGNMENT

WHEREAS, WE, (i) **MASEFIELD, Oliver**, a citizen of the Swiss Confederation, residing at Robert-Durrer-Strasse 37, CH-6370, Stans, Switzerland; and (ii) **DRELA, Mark**, a citizen of the United States of America, residing at 218 Thorndike Street, Apt. 205, Cambridge, MA 02141; ASSIGNORS, are the inventors of the invention in

SYSTEM AND METHOD TO MINIMIZE AN AIRCRAFT GROUND TURN RADIUS

for which we have executed an application for a Patent of the United States

which is identified by Duane Morris LLP docket no. Y9608-00019

✓ which was filed on March ____, 2023 as Application No.

and WHEREAS, **ELECTRA AERO, INC.**, Assignee, residing at 10520 Wakeman Drive, Manassas, VA 20110, Assignee, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEES, their successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEES, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEES, their successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEES, their successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hand and seal the day and year set opposite our respective signatures.

PATENT REEL: 063013 FRAME: 0678

Date: 16th March	, 2023	8CP	L.S
		OLIVER MASEFIELD	
WITNESS:			
Bymlhl			
(Printed Name)			
Benjamin Marchionna			
_{Date:} 16 Mar	, 2023	AL QL	L.S.
		MARK DRELA	
WITNESS:			
Bernin -	<u> </u>		
(Printed Name)			
Benjamin Marchionna			

PATENT REEL: 063013 FRAME: 0679

RECORDED: 03/17/2023