

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MARK ANTHONY WADSWORTH	06/19/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SPIRIT AEROSYSTEMS, INC.	
<b>Street Address:</b>	3801 S. OLIVER ST.	
<b>City:</b>	WICHITA	
<b>State/Country:</b>	KANSAS	
<b>Postal Code:</b>	67210	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16874069
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(913)647-9057	
<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>		
<b>Phone:</b>	913 647-9050	
<b>Email:</b>	patents.luebbering@hoveywilliams.com	
<b>Correspondent Name:</b>	THOMAS B. LUEBBERING	
<b>Address Line 1:</b>	10801 MASTIN BLVD., SUITE 1000	
<b>Address Line 4:</b>	OVERLAND PARK, KANSAS 66210	
<b>ATTORNEY DOCKET NUMBER:</b>	50885-CNT1	
<b>NAME OF SUBMITTER:</b>	THOMAS B. LUEBBERING	
<b>SIGNATURE:</b>	/Thomas B. Luebbering/	
<b>DATE SIGNED:</b>	05/14/2020	
<b>Total Attachments: 5</b>		
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## ASSIGNMENT

WHEREAS, I, Mark Anthony Wadsworth have invented certain new and useful improvements in

SYSTEM AND METHOD FOR WELDING THERMOPLASTIC COMPONENTS TO  
CREATE COMPOSITE STRUCTURE,

for which I am about to make application for Letters Patent of the United States; and

WHEREAS, Spirit AeroSystems, Inc., a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 3801 South Oliver Street, Wichita, KS 67278, is desirous of acquiring an interest in, to, and under said invention, said Application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Mark Anthony Wadsworth, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Spirit AeroSystems, Inc., the full and exclusive right, title, and interest, throughout the world, in, to, and under the following:

(a) said invention as fully set forth and described in the specification prepared and executed on even date herewith preparatory to obtaining Letters Patent of the United States therefor and identified under attorney Docket No. 50885;

(b) said Application;

(c) any and all refilings, divisional, and continuations of said Application;

(d) any and all Letters Patent of the United States of America that may issue from said Application, refilings, divisions, and continuations;

(e) any and all reissues of said Letters Patent of the United States of America;

(f) any and all applications for Letters Patent on said invention that may hereafter be filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with said foreign-filed applications;

(g) any and all refilings, divisions, and continuations of said foreign-filed applications;

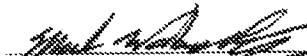
(h) any and all Letters Patent of countries foreign to the United States of America that may issue from said foreign-filed applications, refilings, divisions, and continuations; and

(i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said Spirit AeroSystems, Inc. for its own use and behoof, and for its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment.

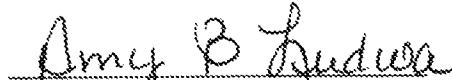
Assignor(s) further agree to execute all paperwork and provide any other requested, non-monetary assistance in procuring, perfecting, enforcing, and/or defending Assignee's rights in the rights assigned herein.

Executed this 19 day of June, 2018.

  
Mark Anthony Wadsworth

STATE OF Kansas )  
                                  ) SS.  
COUNTY OF Sedgwick

On this 19<sup>th</sup> day of June, 2018, before me personally appeared Mark Anthony Wadsworth, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

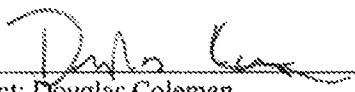
  
Notary Public

My Commission Expires: 7-18-2020



Spirit AeroSystems, Inc. hereby declares it accepts the rights and property hereby assigned and transferred to it.

Spirit AeroSystems, Inc.

By   
Print: Douglas Coleman  
Title: Deputy General Counsel



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 21, 2018

PTAS

THOMAS B. LUEBBERING  
10801 MASTIN BLVD., SUITE 1000  
OVERLAND PARK, KS 66210

**504969218**

### UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

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BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 50885

ASSIGNOR:

WADSWORTH, MARK ANTHONY

DOC DATE: 06/19/2018

ASSIGNEE:

SPIRIT AEROSYSTEMS, INC.  
3801 S. OLIVER ST.  
WICHITA, KANSAS 67278

APPLICATION NUMBER: 16013420

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR WELDING THERMOPLASTIC COMPONENTS TO CREATE  
COMPOSITE STRUCTURE

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION