

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5483661

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	AURELIAN IOAN FURCOIU	04/15/2019
	DAVID EDWARD WOOLLUMS	04/15/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	MUELLER INTERNATIONAL, LLC	
<b>Street Address:</b>	1200 ABERNATHY ROAD, SUITE 1200	
<b>City:</b>	ATLANTA	
<b>State/Country:</b>	GEORGIA	
<b>Postal Code:</b>	30328	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16386627
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(770)434-7376	
<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>	770-434-6868	
<b>Email:</b>	docketing@taylorenghish.com	
<b>Correspondent Name:</b>	RUSSELL B. DUNLAP	
<b>Address Line 1:</b>	1600 PARKWOOD CIRCLE, SUITE 200	
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30339	
<b>ATTORNEY DOCKET NUMBER:</b>	191373-1830	
<b>NAME OF SUBMITTER:</b>	RUSSELL B. DUNLAP	
<b>SIGNATURE:</b>	/rbd/	
<b>DATE SIGNED:</b>	04/19/2019	
<b>Total Attachments: 4</b>		
source=01464183#page1.tif		
source=01464183#page2.tif		
source=01463868#page1.tif		
source=01463868#page2.tif		

## PATENT ASSIGNMENT

WHEREAS, I, Aurelian Ioan Furcoiu, a citizen of the United States of America residing at 595 STATE LINE RD. CHATTANOOGA TN 37412, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled MECHANICAL JOINT RESTRAINT, filed in the United States Patent and Trademark Office on April 17, 2019, bearing Serial No. 16/386,627, and listing as inventor(s): **Aurelian Ioan Furcoiu, David Edward Woollums**;

WHEREAS, **Mueller International, LLC**, a Limited Liability Company of the State of **Delaware**, having its principal place of business at **1200 Abernathy Road, Suite 1200, Atlanta, Georgia 30328** is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Aurelian Ioan Furcoiu, by these presents do sell, assign and transfer unto **Mueller International, LLC**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **Mueller International, LLC** as Assignee, for his or her interest and for his or her sole use and behoof of his or her assigns and legal representatives;

For the same consideration, I, by these presents do sell, assign and transfer to **Mueller International, LLC** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United

States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Mueller International, LLC** and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Mueller International, LLC** and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world; and

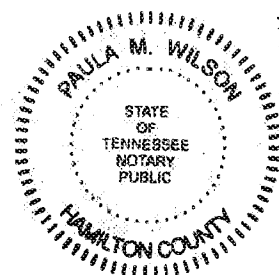
for the same consideration, I hereby authorize the insertion of the filing date and serial number above.

4/15/19  
Date

Aurelian Ioan Furcoiu  
Aurelian Ioan Furcoiu

STATE OF Tennessee COUNTY OF Hamilton

Before me, a Notary Public in and for the State of Tennessee, on this 15 day of April, 2019, personally appeared Aurelian Ioan Furcoiu, who being duly sworn, signed and acknowledged the foregoing Assignment as his or her free act and deed.



Paula M. Wilson  
NOTARY PUBLIC

My Commission Expires: 12/13/2022

## PATENT ASSIGNMENT

WHEREAS, I, David Edward Woollums, a citizen of the United States of America residing at 2516 CAMPAIGN TRL, SIGNAL MOUNTAIN, TN 37377, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled MECHANICAL JOINT RESTRAINT, filed in the United States Patent and Trademark Office on April 17, 2019, bearing Serial No. 16/386,627, and listing as inventor(s): **Aurelian Ioan Furcoiu, David Edward Woollums**;

WHEREAS, **Mueller International, LLC**, a Limited Liability Company of the State of Delaware, having its principal place of business at **1200 Abernathy Road, Suite 1200, Atlanta, Georgia 30328** is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, David Edward Woollums, by these presents do sell, assign and transfer unto **Mueller International, LLC**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **Mueller International, LLC** as Assignee, for his or her interest and for his or her sole use and behoof of his or her assigns and legal representatives;

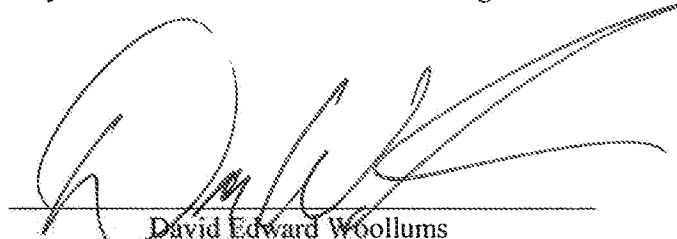
For the same consideration, I, by these presents do sell, assign and transfer to **Mueller International, LLC** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United

States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Mueller International, LLC** and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Mueller International, LLC** and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world; and

for the same consideration, I hereby authorize the insertion of the filing date and serial number above.

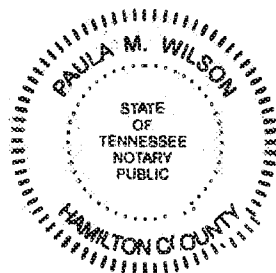
April 15, 2019  
Date

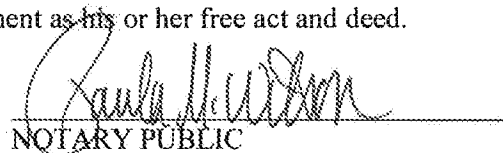
  
David Edward Woollums

STATE OF Tennessee

COUNTY OF Hamilton

Before me, a Notary Public in and for the State of Tennessee, on this 15 day of April, 2019, personally appeared David Edward Woollums, who being duly sworn, signed and acknowledged the foregoing Assignment as his or her free act and deed.



  
NOTARY PUBLIC

My Commission Expires: December 13, 2022