504093730 11/14/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4140399

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CARLOS COSTA	04/13/2015

RECEIVING PARTY DATA

Name:	MUELLER INTERNATIONAL, LLC
Street Address:	1200 ABERNATHY ROAD, SUITE 1200
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30328

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14685154

CORRESPONDENCE DATA

Fax Number: (770)434-7376

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: 770-434-6868

Email: tjames@taylorenglish.com **Correspondent Name:** RUSSELL B. DUNLAP

Address Line 1: 1600 PARKWOOD CIRCLE, SUITE 400

Address Line 4: ATLANTA, GEORGIA 30339

ATTORNEY DOCKET NUMBER:	191372-1660
NAME OF SUBMITTER:	RUSSELL B. DUNLAP
SIGNATURE:	/rbd/
DATE SIGNED:	11/14/2016

Total Attachments: 2

source=00566263#page1.tif source=00566263#page2.tif

PATENT 504093730 REEL: 040305 FRAME: 0309

PATENT ASSIGNMENT

WHEREAS, I, Carlos Costa, a citizen of the United States of America residing at 10

Loire Street, Somerset, Massachusetts 02726, in the United States of America, have invented

certain inventions and improvements disclosed in the Patent Application for United States Patent

entitled BI-DIRECTIONAL ROLLER ASSEMBLY, filed in the United States Patent and

Trademark Office on April 13, 2015, bearing Serial No. 14/685,154, and listing as inventor(s):

Carlos Costa;

WHEREAS, Mueller International, LLC, a Limited Liability Corporation 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, Carlos Costa, 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;

PATENT

REEL: 040305 FRAME: 0310

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.

4/13/15 (Carlos C.	osta .
STATE OF COUNTY OF Before me, a Notary Public in and for the State of	Washington Rhode Tsland on
this 13th day of April , 2015, personally appe	eared Carlos Costa, who being duly
sworn, signed and acknowledged the foregoing Assignment a	s his or her free act and deed.
NOTAR	Stre M. Oi Lulk-
My Com	mission Expires: 12-17-16

PATENT REEL: 040305 FRAME: 0311

RECORDED: 11/14/2016