

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3863920

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHABBIR YUSUF	02/23/2016
WERNER GUENTHER RICHARZ	02/18/2016
DARYL LEE GIBSON	02/24/2016
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:	15056377
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	770-434-6868
Email:	tjames@taylorenghish.com
Correspondent Name:	RUSSELL B. DUNLAP
Address Line 1:	1600 PARKWOOD CIRCLE, SUITE 400
Address Line 4:	ATLANTA, GEORGIA 30339
ATTORNEY DOCKET NUMBER:	191372-1910
NAME OF SUBMITTER:	RUSSELL B. DUNLAP
SIGNATURE:	/rbd/
DATE SIGNED:	05/09/2016
Total Attachments: 6	
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PATENT ASSIGNMENT

WHEREAS, I, Shabbir Yusuf, a citizen of Canada residing at 5477 Bestview Way, Mississauga, Ontario, Canada, L5M 0B1, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **FLOW SENSOR**, filed in the United States Patent and Trademark Office on Feb. 29, 2016, bearing Serial No. 15/056,377, and listing as inventor(s): **Shabbir Yusuf, Werner Guenther Richarz, Daryl Lee Gibson;**

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, GA 30328** is desirous of acquiring an interest in the same;

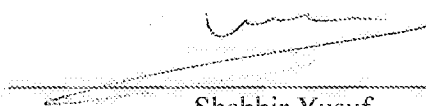
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Shabbir Yusuf, by these presents do sell, assign and transfer unto **Mueller International, LLC**, the full, exclusive and entire right, title and interest: (i) in and to all inventions 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

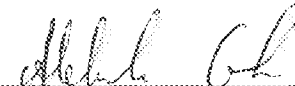
for the same consideration, I hereby authorize the insertion of the filing date and serial number above.

02 / 23 / 2016
Date


Shabbir Yusuf

Witnessed before me, ALEKSANDRA GUSTA (printed name of witness), on this 23 day of February, 2016, personally appeared Shabbir Yusuf, who signed and acknowledged the foregoing Assignment as his free act and deed.

ALEKSANDRA GUSTA, Notary Public,
Regional Municipality of Peel,
limited to the attestation of instruments
and the taking of affidavits, for Echologics Engineering,
a Division of Mueller Company, and its associates.
Expires May 2, 2017


Signature of Witness

My Commission Expires: May 2, 2017

PATENT
REEL: 038514 FRAME: 0719

PATENT ASSIGNMENT

WHEREAS, I, Werner Guenther Richarz, a citizen of Germany, residing at 76 Roxborough Lane, Thornhill, Ontario, Canada, L4J 4T4, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **FLOW SENSOR**, filed in the United States Patent and Trademark Office on Feb. 29, 2016, bearing Serial No. 15/056,377, and listing as inventor(s): **Shabbir Yusuf, Werner Guenther Richarz, Daryl Lee Gibson**;

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, GA 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, Werner Guenther Richarz, 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.

Feb. 18, 2016

Date

Werner Guenther Richarz

Werner Guenther Richarz

Witnessed before me, ALEKSANDRA GUSTA (printed name of witness), on this 18 day of February, 2016, personally appeared Werner Guenther Richarz, who signed and acknowledged the foregoing Assignment as his free act and deed.

Melinda G. H.

Signature of Witness

My Commission Expires: May 2, 2017

ALEKSANDRA GUSTA, Notary Public,
Regional Municipality of Peel,
limited to the attestation of instruments
and the taking of affidavits; for Ecological Engineering,
a Division of Mueller Company, and its associates.
Expires May 2, 2017

PATENT ASSIGNMENT

WHEREAS, I, Daryl Lee Gibson, a citizen of the United States of America residing at 3350 Dockery Street SE, Cleveland, Tennessee 37323 in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **FLOW SENSOR**, filed in the United States Patent and Trademark Office on Feb. 29, 2016, bearing Serial No. 15/056,377, and listing as inventor(s): **Shabbir Yusuf, Werner Guenther Richarz, Daryl Lee Gibson**;

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, GA 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, Daryl Lee Gibson, 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.

2/24/16
Date

Daryl Lee Gibson
Daryl Lee Gibson

STATE OF Tennessee COUNTY OF Hamilton

Before me, a Notary Public in and for the State of Tennessee, on this 24th day of February, 2016, personally appeared Daryl Lee Gibson, who being duly sworn, signed and acknowledged the foregoing Assignment as his or her free act and deed.



Emily J. Barnett
NOTARY PUBLIC

My Commission Expires: Aug 7, 2016

MY COMMISSION EXPIRES:
August 7, 2016