

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Leo W. Fleury Jr.</td> <td>10/22/2012</td> </tr> <tr> <td>Ganapathi Deva Varma Dintakurti</td> <td>09/19/2012</td> </tr> <tr> <td>Werner Guenther Richarz</td> <td>10/18/2012</td> </tr> <tr> <td>James O. Williams</td> <td>09/14/2012</td> </tr> <tr> <td>Shabbir Yusuf</td> <td>09/20/2012</td> </tr> <tr> <td>Timothy Scott Edward Hiller</td> <td>10/22/2012</td> </tr> <tr> <td>Steven James Mercer</td> <td>10/22/2012</td> </tr> <tr> <td>Stefan Erik Janhunnen</td> <td>10/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Leo W. Fleury Jr.	10/22/2012	Ganapathi Deva Varma Dintakurti	09/19/2012	Werner Guenther Richarz	10/18/2012	James O. Williams	09/14/2012	Shabbir Yusuf	09/20/2012	Timothy Scott Edward Hiller	10/22/2012	Steven James Mercer	10/22/2012	Stefan Erik Janhunnen	10/29/2012
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RECEIVING PARTY DATA																			
<table border="1"> <tr> <td>Name:</td> <td>Mueller International, LLC</td> </tr> <tr> <td>Street Address:</td> <td>1200 Abernathy Road, Suite 1200</td> </tr> <tr> <td>City:</td> <td>Atlanta</td> </tr> <tr> <td>State/Country:</td> <td>GEORGIA</td> </tr> <tr> <td>Postal Code:</td> <td>30328</td> </tr> </table>		Name:	Mueller International, LLC	Street Address:	1200 Abernathy Road, Suite 1200	City:	Atlanta	State/Country:	GEORGIA	Postal Code:	30328								
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PROPERTY NUMBERS Total: 1																			
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CORRESPONDENCE DATA																			
<p>Fax Number: 7704347376  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 770-434-6868        Email: tjames@taylorenghish.com</p> <p>Correspondent Name: Jeffrey R. Kuester        Address Line 1: 1600 Parkwood Circle, Suite 400        Address Line 4: Atlanta, GEORGIA 30339</p>																			
ATTORNEY DOCKET NUMBER:	191322-1800																		

PATENT

NAME OF SUBMITTER:

Jeffrey R. Kuester

**Total Attachments: 16**

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## PATENT ASSIGNMENT

WHEREAS, I, **Leo W. Fleury, Jr.**, a citizen of the United States of America residing at 180 Rocky Hill Road, N. Smithfield, RI 02896, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **Fire Hydrant Leak Detector**, filed in the United States Patent and Trademark Office on **June 8, 2012**, bearing Serial No. **13/492,790**, and listing as inventor(s): **Leo W. Fleury, Jr.**, **Ganapathi Deva Varma Dintakurti**, **Werner Guenther Richarz**, **James O. Williams**, **Shabbir Yusuf**, **Timothy Scott Edward Hiller**, **Steven James Mercer**, and **Stefan Erik Janhunen**;

WHEREAS, **Mueller International, LLC**, a 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, **Leo W. Fleury, Jr.**, 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 interest and for his sole use and

For the same consideration, I, by these presence 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 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 successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

10/22/12  
Date

Leo W. Fleury, Jr.  
Leo W. Fleury, Jr.

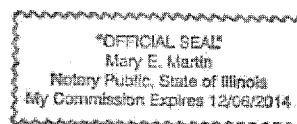
STATE OF Illinois

COUNTY OF Macon

Before me, a Notary Public in and for the State of Illinois, on this 22<sup>nd</sup> day of OCTOBER, 2012, personally appeared **Leo W. Fleury, Jr.**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Mary E. Martin  
NOTARY PUBLIC

My Commission Expires: 12/06/2014



## PATENT ASSIGNMENT

WHEREAS, I, **Ganapathi Deva Varma Dintakurti**, a citizen of Canada residing at 77 Herkes Drive, Brampton, Ontario L6Y 4Z3, in Canada, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **Fire Hydrant Leak Detector**, filed in the United States Patent and Trademark Office on **June 8, 2012**, bearing Serial No. **13/492,790**, and listing as inventor(s): Leo W. Fleury, Jr., Ganapathi Deva Varma Dintakurti, Werner Guenther Richarz, James O. Williams, Shabbir Yusuf, Timothy Scott Edward Hiller, Steven James Mercer, and Stefan Erik Janhunnen;

WHEREAS, **Mueller International, LLC**, a 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, **Ganapathi Deva Varma Dintakurti**, 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 interest and for his sole use and behoof of his assigns and legal representatives;

For the same consideration, I, by these presence 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 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 successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

5/28/19/2012

Date

[Signature]

**Ganapathi Deva Varma Dintakurti**

PROVINCE OF

Ontario

TOWNSHIP OF

city  
Toronto

Before me, a Notary Public in and for the Province of Ontario, on this 19th day of September, 2012, personally appeared **Ganapathi Deva Varma Dintakurti**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

[Signature]  
NOTARY PUBLIC

**CAROLYN C. MCNEILL**  
**BARRISTER AND SOLICITOR**

My Commission Expires: MA

## PATENT ASSIGNMENT

WHEREAS, I, **Werner Guenther Richarz**, a citizen of Germany, residing at 76 ~~Rosen~~<sup>Rosen</sup>borough Lane, Thornhill, Ontario L4J 4T4, in Canada, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **Fire Hydrant Leak Detector**, filed in the United States Patent and Trademark Office on **June 8, 2012**, bearing Serial No. **13/492,790**, and listing as inventor(s): Leo W. Fleury, Jr., Ganapathi Deva Varma Dintakurti, Werner Guenther Richarz, James O. Williams, Shabbir Yusuf, Timothy Scott Edward Hiller, Steven James Mercer, and Stefan Erik Janhunen;

WHEREAS, **Mueller International, LLC**, a 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, **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 interest and for his sole use and behoof of his assigns and legal representatives;

For the same consideration, I, by these presence 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 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 successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Oct 18, 2012

Date

Werner Guenther Richarz

Werner Guenther Richarz

PROVINCE OF Ontario

~~CITY OF~~ TOWNSHIP OF Toronto

Before me, a Notary Public in and for the Province of Ontario, on this 18th day of October, 2012, personally appeared **Werner Guenther Richarz**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Carolyn C. McNeill

NOTARY PUBLIC  
**CAROLYN C. MCNEILL**  
BARRISTER AND SOLICITOR  
My Commission Expires: 11/4



## PATENT ASSIGNMENT

WHEREAS, I, **James O. Williams**, a citizen of the United States of America, residing at 25 Doucette Drive, Marlborough, MA 01752, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **Fire Hydrant Leak Detector**, filed in the United States Patent and Trademark Office on **June 8, 2012**, bearing Serial No. **13/492,790**, and listing as inventor(s): Leo W. Fleury, Jr., Ganapathi Deva Varma Dintakurti, Werner Guenther Richarz, James O. Williams, Shabbir Yusuf, Timothy Scott Edward Hiller, Steven James Mercer, and Stefan Erik Janhunnen;

WHEREAS, **Mueller International, LLC**, a 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;

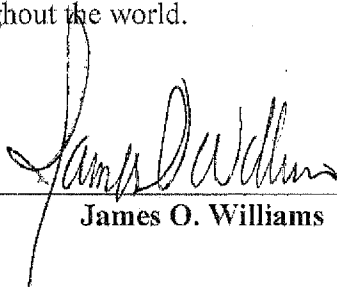
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **James O. Williams**, by these presents do sell, assign and transfer unto **Mueller International, LLC**, the full, exclusive and entire right, title and interest: (i) in and to all inventions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

behoof of his assigns and legal representatives;

For the same consideration, I, by these presence 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 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 successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Sept 14, 2012  
Date

  
James O. Williams

STATE OF Massachusetts

COUNTY OF Plymouth

Before me, a Notary Public in and for the State of Massachusetts, on this 14<sup>th</sup> day of September, 2012 personally appeared **James O. Williams**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

  
NOTARY PUBLIC

My Commission Expires: NOV. 30, 2012



THERESA ANN MAKI  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
November 30, 2012

{00247650.DOC / }

**PATENT**  
**REEL: 029237 FRAME: 0877**

## PATENT ASSIGNMENT

WHEREAS, I, **Shabbir Yusuf**, a citizen of Canada residing at 5477 Bestview Way, Mississauga, Ontario L5M 0B1, in Canada, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **Fire Hydrant Leak Detector**, filed in the United States Patent and Trademark Office on **June 8, 2012**, bearing Serial No. **13/492,790**, and listing as inventor(s): Leo W. Fleury, Jr., Ganapathi Deva Varma Dintakurti, Werner Guenther Richarz, James O. Williams, Shabbir Yusuf, Timothy Scott Edward Hiller, Steven James Mercer, and Stefan Erik Janhunen;

WHEREAS, **Mueller International, LLC**, a 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, **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 interest and for his sole use and


behalf of his assigns and legal representatives;

For the same consideration, I, by these presence 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 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 successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

20<sup>th</sup> Sept / 2012

Date

  
Shabbir Yusuf

PROVINCE OF Ontario

TOWNSHIP OF Toronto

Before me, a Notary Public in and for the Province of Ontario, on this 20th day of Sept, 2012, personally appeared **Shabbir Yusuf**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

  
NOTARY **CAROLYN C. MCNEILL**  
BARRISTER AND SOLICITOR  
My Commission Expires: W 11

## PATENT ASSIGNMENT

WHEREAS, I, **Timothy Scott Edward Hiller**, a citizen of Canada residing at 349 Meadowvale Place, Waterloo, Ontario N2K 3P8, in Canada, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **Fire Hydrant Leak Detector**, filed in the United States Patent and Trademark Office on **June 8, 2012**, bearing Serial No. **13/492,790**, and listing as inventor(s): Leo W. Fleury, Jr., Ganapathi Deva Varma Dintakurti, Werner Guenther Richarz, James O. Williams, Shabbir Yusuf, Timothy Scott Edward Hiller, Steven James Mercer, and Stefan Erik Janhunen;

WHEREAS, **Mueller International, LLC**, a 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, **Timothy Scott Edward Hiller**, 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 interest and for his sole use and behoof of his assigns and legal representatives;

For the same consideration, I, by these presence 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 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 successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

10/22/2012  
Date

Tim S. Hiller  
Timothy Scott Edward Hiller

PROVINCE OF Ontario

TOWNSHIP OF Waterloo

Before me, a Notary Public in and for the Province of ONTARIO, on this 22nd day of OCTOBER, 2012 personally appeared **Timothy Scott Edward Hiller**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Ad. Tuttle  
NOTARY PUBLIC

My Commission Expires

## PATENT ASSIGNMENT

WHEREAS, I, **Steven James Mercer**, a citizen of Canada residing at 27 Eugene Drive, Guelph, Ontario N1L 1P6, in Canada, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **Fire Hydrant Leak Detector**, filed in the United States Patent and Trademark Office on **June 8, 2012**, bearing Serial No. **13/492,790**, and listing as inventor(s): Leo W. Fleury, Jr., Ganapathi Deva Varma Dintakurti, Werner Guenther Richarz, James O. Williams, Shabbir Yusuf, Timothy Scott Edward Hiller, Steven James Mercer, and Stefan Erik Janhunen;

WHEREAS, **Mueller International, LLC**, a 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, **Steve James Mercer**, 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 interest and for

his sole use and behoof of his assigns and legal representatives;

For the same consideration, I, by these presence 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 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 successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

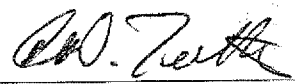
22-OCT-2012  
Date

  
Steve James Mercer

PROVINCE OF ONTARIO

TOWNSHIP OF WATERLOO

Before me, a Notary Public in and for the Province of ONTARIO, on this 22nd day of OCTOBER, 2012 personally appeared Steve James Mercer, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

  
NOTARY PUBLIC

~~My Commission Expires:~~ \_\_\_\_\_



## PATENT ASSIGNMENT

WHEREAS, I, **Stefan Erik Janhunen**, a citizen of Canada residing at 101 Columbia St. West, Ontario N2L 3K7, in Canada, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **Fire Hydrant Leak Detector**, filed in the United States Patent and Trademark Office on **June 8, 2012**, bearing Serial No. **13/492,790**, and listing as inventor(s): Leo W. Fleury, Jr., Ganapathi Deva Varma Dintakurti, Werner Guenther Richarz, James O. Williams, Shabbir Yusuf, Timothy Scott Edward Hiller, Steven James Mercer, and Stefan Erik Janhunen;

WHEREAS, **Mueller International, LLC**, a 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, **Stefan Erik Janhunen**, 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 interest and for

his sole use and behoof of his assigns and legal representatives;

For the same consideration, I, by these presence 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 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 successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.


OCT 29/2012  
Date

  
Stefan Erik Janhunen

PROVINCE or STATE OF ONTARIO

TOWNSHIP or COUNTY OF WATERLOO

Before me, a Notary Public in and for the Province/State of ONTARIO, on this 29th day of OCTOBER, 2012 personally appeared **Stefan Erik Janhunen**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

  
NOTARY PUBLIC

My Commission Expires: N/A