

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PAT1846017

|   |                            |
|---|----------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT             |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                 |
| <b>CONVEYING PARTY DATA</b>   |                            |
|   |                            |
| <b>Name</b>   | <b>Execution Date</b>      |
| Thomas Borawski   | 10/19/2015                 |
| Joseph William Beagen Jr.   | 10/19/2015                 |
| Matthew W. McNamara   | 10/19/2015                 |
| Stephen Eric Scott  | 10/19/2015                 |
| <b>RECEIVING PARTY DATA</b>   |                            |
| <b>Company Name:</b>  | MUELLER INTERNATIONAL, LLC |
| <b>Street Address:</b>  | 1200 Abernathy Road        |
| <b>Internal Address:</b>  | Suite 1200                 |
| <b>City:</b>  | Atlanta                    |
| <b>State/Country:</b>   | GEORGIA                    |
| <b>Postal Code:</b>   | 30328                      |
| <b>PROPERTY NUMBERS Total: 3</b>  |                            |
|   |                            |
| <b>Property Type</b>  | <b>Number</b>              |
| <b>Patent Number:</b>   | 10670177                   |
| <b>Patent Number:</b>   | 10663100                   |
| <b>Patent Number:</b>   | 11525530                   |
| <b>CORRESPONDENCE DATA</b>  |                            |
| <b>Fax Number:</b>  | 3127758100                 |
| <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>   | 3127758000                 |
| <b>Email:</b>   | mhmpto@mcandrews-ip.com    |
| <b>Correspondent Name:</b>  | Chad A. Pahnke             |
| <b>Address Line 1:</b>  | 500 W. Madison St.         |
| <b>Address Line 2:</b>  | 34th Fl.                   |
| <b>Address Line 4:</b>  | Chicago, ILLINOIS 60661    |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 68106US02-US04             |
| <b>NAME OF SUBMITTER:</b>   | Laura Foley                |
| <b>SIGNATURE:</b>   | /Laura Foley/              |
| <b>DATE SIGNED:</b>   | 02/25/2025                 |

PATENT

**Total Attachments: 8**

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## PATENT ASSIGNMENT

WHEREAS, I, Thomas Borawski, a citizen of the United States of America residing at 31 Old North Rd., Coventry, Rhode Island 02816, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled MECHANICAL BRANCH OUTLET, filed in the United States Patent and Trademark Office on October 29, 2015, bearing Serial No. 14/926,781, and listing as inventor(s): **Thomas Borawski, Joseph William Beagen, Jr., Matthew W. McNamara, Stephen Eric Scott;**

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;

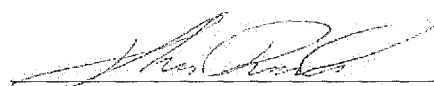
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Thomas Borawski, by these presents do sell, assign and transfer unto **Mueller International, LLC**, the full, exclusive and entire right, title and interest: (i) in and to all inventions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

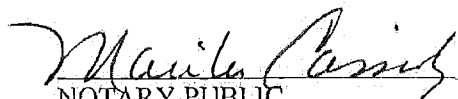
10/19/15  
Date

  
Thomas Borawski

STATE OF RI

COUNTY OF Washington

Before me, a Notary Public in and for the State of Rhode Island, on this 19<sup>th</sup> day of October, 2015, personally appeared Thomas Borawski, who being duly sworn, signed and acknowledged the foregoing Assignment as his or her free act and deed.

  
NOTARY PUBLIC  
My Commission Expires: 08/30/2018

MARILEE CASSIDY  
NOTARY PUBLIC  
STATE OF RHODE ISLAND  
My Commission Expires August 30, 2018

## PATENT ASSIGNMENT

WHEREAS, I, Joseph William Beagen, Jr., a citizen of the United States of America residing at 273 Whitford Avenue, Providence, Rhode Island 02908, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled MECHANICAL BRANCH OUTLET, filed in the United States Patent and Trademark Office on October 29, 2015, bearing Serial No. 14/926,781, and listing as inventor(s): **Thomas Borawski, Joseph William Beagen, Jr., Matthew W. McNamara, Stephen Eric Scott;**

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, Joseph William Beagen, 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 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.

10/19/2015  
Date

Joseph W. Beagen, Jr.  
Joseph William Beagen, Jr.

STATE OF Rhode Island COUNTY OF Washington

Before me, a Notary Public in and for the State of Rhode Island, on this 19 day of October, 2015, personally appeared Joseph William Beagen, Jr., who being duly sworn, signed and acknowledged the foregoing Assignment as his or her free act and deed.

Marilee Cassidy  
NOTARY PUBLIC  
My Commission Expires: 08/30/2018

MARILEE CASSIDY  
NOTARY PUBLIC  
STATE OF RHODE ISLAND  
My Commission Expires August 30, 2018

## PATENT ASSIGNMENT

WHEREAS, I, Matthew W. McNamara, a citizen of the United States of America residing at 799 Anthony Road, Portsmouth, Rhode Island 02871, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled MECHANICAL BRANCH OUTLET, filed in the United States Patent and Trademark Office on October 29, 2015, bearing Serial No. 14/926,781, and listing as inventor(s): **Thomas Borawski, Joseph William Beagen, Jr., Matthew W. McNamara, Stephen Eric Scott;**

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, Matthew W. McNamara, 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.

10/19/15  
Date

  
Matthew W. McNamara

STATE OF Rhode Island COUNTY OF Washington

Before me, a Notary Public in and for the State of Rhode Island, on this 19<sup>th</sup> day of October, 2015 personally appeared Matthew W. McNamara, who being duly sworn, signed and acknowledged the foregoing Assignment as his or her free act and deed.

  
NOTARY PUBLIC  
My Commission Expires: 08/30/2018

MARILEE CASSIDY  
NOTARY PUBLIC  
STATE OF RHODE ISLAND  
My Commission Expires August 30, 2018



## PATENT ASSIGNMENT

WHEREAS, I, Stephen Eric Scott, a citizen of the United States of America residing at 41 Signal Rock Drive, North Kingstown, Rhode Island 02852, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled MECHANICAL BRANCH OUTLET, filed in the United States Patent and Trademark Office on October 29, 2015 bearing Serial No. 14/926,781, and listing as inventor(s): **Thomas Borawski, Joseph William Beagen, Jr., Matthew W. McNamara, Stephen Eric Scott;**

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, Stephen Eric Scott, 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

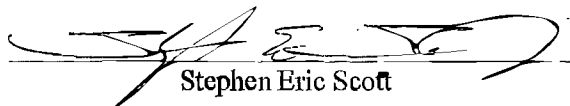
sole use and behoof of his or her assigns and legal representatives;

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

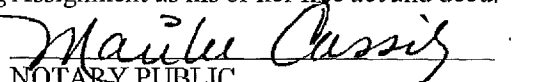
for the same consideration, I hereby authorize the insertion of the filing date and serial number above.

10-19-2015  
Date

  
Stephen Eric Scott

STATE OF Rhode Island COUNTY OF Washington

Before me, a Notary Public in and for the State of Rhode Island, on this 19 day of October, 2015, personally appeared Stephen Eric Scott, who being duly sworn, signed and acknowledged the foregoing Assignment as his or her free act and deed.

  
NOTARY PUBLIC  
My Commission Expires: 08/30/2018

MARILEE CASSIDY  
NOTARY PUBLIC  
STATE OF RHODE ISLAND  
My Commission Expires August 30, 2018

PATENT