

## PATENT ASSIGNMENT

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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>Hassan Ali</td> <td>09/27/2012</td> </tr> <tr> <td>Timothy J. Brown</td> <td>09/10/2012</td> </tr> <tr> <td>Robert Henry Grady</td> <td>09/20/2012</td> </tr> <tr> <td>David Edwin Splitz</td> <td>09/17/2012</td> </tr> <tr> <td>Brent Dukes</td> <td>09/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hassan Ali	09/27/2012	Timothy J. Brown	09/10/2012	Robert Henry Grady	09/20/2012	David Edwin Splitz	09/17/2012	Brent Dukes	09/20/2012
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Brent Dukes	09/20/2012												
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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13559573</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13559573								
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Application Number:	13559573												
CORRESPONDENCE DATA													
Fax Number:	7704346868												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	770-434-6868												
Email:	tjames@taylorenghish.com												
Correspondent Name:	Jeffrey R. Kuester												
Address Line 1:	1600 Parkwood Circle, Suite 400												
Address Line 4:	Atlanta, GEORGIA 30339												
ATTORNEY DOCKET NUMBER:	191372-1230												
NAME OF SUBMITTER:	Jeffrey R. Kuester												
Total Attachments: 10													

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## PATENT ASSIGNMENT

WHEREAS, I, Hassan Ali, a citizen of the United States of America residing at 550 Liberty Street #605, Braintree, MA 02184, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **HIGH TRAFFIC DATA TRANSMISSION**, filed in the United States Patent and Trademark Office on July 26, 2012, bearing Serial No. 13/559,573, and listing as inventor(s): **Hassan Ali, Timothy J. Brown, Robert Grady, David Edwin Splitz, Brent Dukes;**

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;

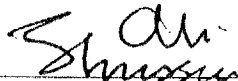
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Hassan Ali, by these presents do sell, assign and transfer unto **Mueller International, LLC**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and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

9/27/12

Date

  
Hassan Ali

STATE OF Massachusetts

COUNTY OF Plymouth

Before me, a Notary Public in and for the State of Massachusetts, on this 27<sup>th</sup> day of September, 2012, personally appeared Hassan Ali, 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

## PATENT ASSIGNMENT

WHEREAS, I, Timothy J. Brown, a citizen of the United States of America residing at 9 Abby Lane, Mattapoisett, MA 02739, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **HIGH TRAFFIC DATA TRANSMISSION**, filed in the United States Patent and Trademark Office on July 26, 2012, bearing Serial No. 13/559,573, and listing as inventor(s): **Hassan Ali, Timothy J. Brown, Robert Grady, David Edwin Splitz, Brent Dukes**;

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 J. Brown, 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.

9/10/12  
Date

Timothy J. Brown  
Timothy J. Brown

STATE OF Massachusetts COUNTY OF Blymouth

Before me, a Notary Public in and for the State of Massachusetts, on this 10<sup>th</sup> day of September, 2012, personally appeared Timothy J. Brown, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Theresa Gomes  
NOTARY PUBLIC

My Commission Expires: May 13, 2016



**THERESA GOMES**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 13, 2016

## PATENT ASSIGNMENT

WHEREAS, I, Robert Henry Grady, a citizen of the United States of America residing at 20 Newman Avenue, #3502, Rumford, RI 02916, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **HIGH TRAFFIC DATA TRANSMISSION**, filed in the United States Patent and Trademark Office on July 26, 2012, bearing Serial No. 13/559,573, and listing as inventor(s): **Hassan Ali, Timothy J. Brown, Robert Grady, David Edwin Splitz, Brent Dukes**;

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, Robert Henry Grady, 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.

9/20/12  
Date


R H Grady  
Robert Henry Grady

STATE OF massachusetts COUNTY OF Plymouth

Before me, a Notary Public in and for the State of massachusetts, on this 20<sup>th</sup> day of September, 2012, personally appeared Robert Henry Grady, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

[Signature]  
NOTARY PUBLIC

My Commission Expires: Nov. 30, 2012

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



## PATENT ASSIGNMENT

WHEREAS, I, David Edwin Splitz, a citizen of the United States of America residing at 38 Nauset Street, Sandwich, MA 02563, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **HIGH TRAFFIC DATA TRANSMISSION**, filed in the United States Patent and Trademark Office on July 26, 2012, bearing Serial No. 13/559,573, and listing as inventor(s): **Hassan Ali, Timothy J. Brown, Robert Grady, David Edwin Splitz, Brent Dukes;**

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, David Edwin Splitz, 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.

9/17/12  
Date

David E. Splitz  
David Edwin Splitz

STATE OF Massachusetts

COUNTY OF Plymouth

Before me, a Notary Public in and for the State of Massachusetts, on this 17<sup>th</sup> day of September, 2012 personally appeared David Edwin Splitz, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

[Signature]  
NOTARY PUBLIC

My Commission Expires: Nov. 30, 2012



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

## PATENT ASSIGNMENT

WHEREAS, I, Brent Dukes, a citizen of the United States of America residing at 218 Titicut Road, Raynham, MA 02767, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **HIGH TRAFFIC DATA TRANSMISSION**, filed in the United States Patent and Trademark Office on July 26, 2012, bearing Serial No. 13/559,573, and listing as inventor(s): **Hassan Ali, Timothy J. Brown, Robert Grady, David Edwin Splitz, Brent Dukes;**

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, Brent Dukes, 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.

9/20/2012  
Date

Brent Dukes  
Brent Dukes

STATE OF Massachusetts

COUNTY OF Plymouth

Before me, a Notary Public in and for the State of Massachusetts, on this 20<sup>th</sup> day of September, 2012 personally appeared Brent Dukes, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

[Signature]  
NOTARY PUBLIC

My Commission Expires: Nov. 30, 2012



Theresa Ann Maki  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
November 30, 2012