

## 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>David Edwin Splitz</td> <td>01/04/2012</td> </tr> <tr> <td>William Charles Shoemith</td> <td>01/03/2012</td> </tr> <tr> <td>Robert Henry Grady</td> <td>01/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	David Edwin Splitz	01/04/2012	William Charles Shoemith	01/03/2012	Robert Henry Grady	01/04/2012
Name	Execution Date								
David Edwin Splitz	01/04/2012								
William Charles Shoemith	01/03/2012								
Robert Henry Grady	01/04/2012								
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>13283526</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13283526				
Property Type	Number								
Application Number:	13283526								
CORRESPONDENCE DATA									
Fax Number:	(770)434-7376								
Phone:	770-434-6868								
Email:	tjames@taylorenghish.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Jeffrey R. Kuester								
Address Line 1:	1600 Parkwood Circle, Suite 400								
Address Line 4:	Atlanta, GEORGIA 30339								
ATTORNEY DOCKET NUMBER:	191372-1010								
NAME OF SUBMITTER:	Jeffrey R. Kuester								
<p>Total Attachments: 6          source=00164116#page1.tif</p>									

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## 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 **SYSTEMS AND METHODS FOR TIME-BASED HAILING OF RADIO FREQUENCY DEVICES**, filed in the United States Patent and Trademark Office on October 27, 2011, bearing Serial No. 13/283,526, and listing as inventor(s): **David Edwin Splitz, William Charles Shoesmith, Robert Henry Grady**;

WHEREAS, **Mueller International, LLC**, a Corporation 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, **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.

1/4/12  
Date

David Edwin Splitz  
David Edwin Splitz

STATE OF MASS

COUNTY OF Plymouth

Before me, a Notary Public in and for the State of Massachusetts, on this 4<sup>th</sup> day of Jan, 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

(00161000.D6C / )



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

## PATENT ASSIGNMENT

WHEREAS, I, **William Charles Shoesmith**, a citizen of the United States of America residing at 33 Joanne Drive, Marion, MA 02738, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **SYSTEMS AND METHODS FOR TIME-BASED HAILING OF RADIO FREQUENCY DEVICES**, filed in the United States Patent and Trademark Office on October 27, 2011, bearing Serial No. 13/283,526, and listing as inventor(s): **David Edwin Splitz, William Charles Shoesmith, Robert Henry Grady**;

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

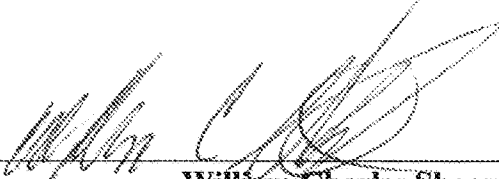
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **William Charles Shoesmith**, by these presents do sell, assign and transfer unto **Mueller International, LLC**, the full, exclusive and entire right, title and interest: (i) in and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

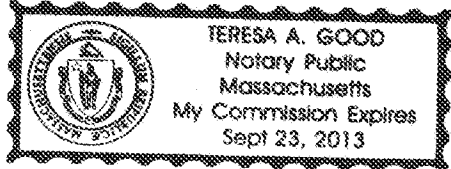
1-3-12  
Date

  
William Charles Shoemith

STATE OF Massachusetts COUNTY OF Plymouth

Before me, a Notary Public in and for the State of Massachusetts, on this 3rd day of January, 2012, personally appeared **William Charles Shoemith**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

  
NOTARY PUBLIC



My Commission Expires: 9-23-2013

## 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 **SYSTEMS AND METHODS FOR TIME-BASED HAILING OF RADIO FREQUENCY DEVICES**, filed in the United States Patent and Trademark Office on October 27, 2011, bearing Serial No. 13/283,526, and listing as inventor(s): **David Edwin Splitz, William Charles Shoesmith, Robert Henry Grady**;

WHEREAS, **Mueller International, LLC**, a Corporation 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, **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.

1/4/12  
Date

Robert H Grady  
Robert Henry Grady

STATE OF Mass.

COUNTY OF Plymouth

Before me, a Notary Public in and for the State of Massachusetts, on this 4<sup>th</sup> day of January, 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

{00160995 DOC / }



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