

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>George B. COLETTA</td> <td>03/02/2012</td> </tr> <tr> <td>Roger H. LEDUC</td> <td>03/05/2012</td> </tr> <tr> <td>Yoram RINGER</td> <td>03/02/2012</td> </tr> <tr> <td>Sean D. WEED</td> <td>03/02/2012</td> </tr> <tr> <td>Manuel R. SILVA JR.</td> <td>03/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	George B. COLETTA	03/02/2012	Roger H. LEDUC	03/05/2012	Yoram RINGER	03/02/2012	Sean D. WEED	03/02/2012	Manuel R. SILVA JR.	03/06/2012
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Tyco Fire Products LP</td> </tr> <tr> <td>Street Address:</td> <td>1400 Pennbrook Parkway</td> </tr> <tr> <td>City:</td> <td>Lansdale</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19446</td> </tr> </table>		Name:	Tyco Fire Products LP	Street Address:	1400 Pennbrook Parkway	City:	Lansdale	State/Country:	PENNSYLVANIA	Postal Code:	19446		
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PROPERTY NUMBERS Total: 4													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13877439</td> </tr> <tr> <td>Application Number:</td> <td>13877443</td> </tr> <tr> <td>PCT Number:</td> <td>US2012044621</td> </tr> <tr> <td>PCT Number:</td> <td>US2012044704</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13877439	Application Number:	13877443	PCT Number:	US2012044621	PCT Number:	US2012044704		
Property Type	Number												
Application Number:	13877439												
Application Number:	13877443												
PCT Number:	US2012044621												
PCT Number:	US2012044704												
CORRESPONDENCE DATA													
Fax Number:	2026546211												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	202-654-6280												
Email:	llacyk@perkinscoie.com												
Correspondent Name:	David W. Laub												
Address Line 1:	700 13th Street, NW, Suite 600												
Address Line 2:	Perkins Coie LLP												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005												

CH \$160.00 13877439

PATENT

ATTORNEY DOCKET NUMBER:	01737-8050.US02
NAME OF SUBMITTER:	Lynn A. Lacyk
Signature:	/Lynn A. Lacyk/
Date:	05/20/2013
Total Attachments: 4 source=01737-8050.WO00 Assignment#page1.tif source=01737-8050.WO00 Assignment#page2.tif source=01737-8050.WO00 Assignment#page3.tif source=01737-8050.WO00 Assignment#page4.tif	

Assignment of Patent Application(s) & Letters Patent

WHEREAS, We, **George B. COLETTA**, a citizen of the United States having a place of residence at **34 Nobile Street, West Warwick, Rhode Island 02893**, **Roger H. LEDUC**, a citizen of the United States having a place of residence at **41 Broad Street, Pascoag, Rhode Island 02859**, **Yoram RINGER**, a citizen of the United States having a place of residence at **499 Elmgrove Avenue, Providence, Rhode Island 02906**, **Sean D. WEED**, a citizen of the United States having a place of residence at **814 West Shore Road, Warwick, Rhode Island 02889** and **Manuel R. SILVA, Jr.**, a citizen of the United States having a place of residence at **74 Chicory Lane, Cranston, Rhode Island 02921** have invented certain new and useful improvements described in:

U.S. Provisional Patent Application No. **61/501,959** filed on **June 28, 2011** entitled **DRY SPRINKLER ASSEMBLIES**

WHEREAS, **TYCO FIRE PRODUCTS LP**, (hereinafter referred to as "ASSIGNEE"), having a place of business at: **1400 Pennbrook Parkway, Lansdale, Pennsylvania 19446**, is desirous of acquiring the full and exclusive right, title and interest in and to the invention, the application(s), and any and all Letters Patent or similar legal protection, to be obtained therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to the above-identified application(s), any and all foreign or domestic related or claiming priority to said application(s), any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals and reissues thereof.

I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue an and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representative any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) ASSIGNEE or said ASSIGNEE's representative, the power to insert on this Assignment any further identification, including the application number(s) and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: March 2, 2012


George B. COLETTA

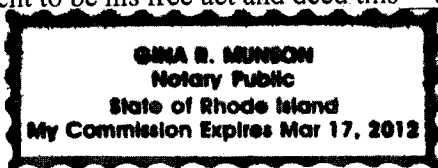
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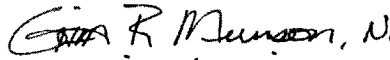
SS:

County of Providence)


Before me personally appeared said George Coletta and acknowledged the foregoing instrument to be his free act and deed this 2nd day of March, 2012.

Seal




Gina R. Munson, Notary Public
Commission expires March 17, 2012

Date: March 5, 2012

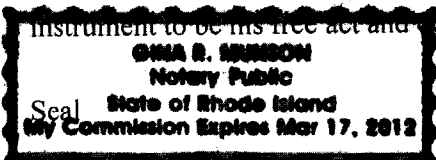

Roger H. LEDUC

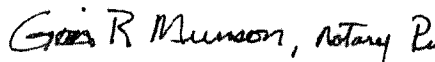
State of Rhode Island
Providence)

SS:

County of Providence)

Before me personally appeared said Roger Leduc and acknowledged the foregoing instrument to be his free act and deed this 5th day of March, 2012.




Gina R. Munson, Notary Public
Commission expires March 17, 2012

Names of additional Inventors attached? ☒ YES ☐ NO

Date: March 2, 2012


Yoram RINGER

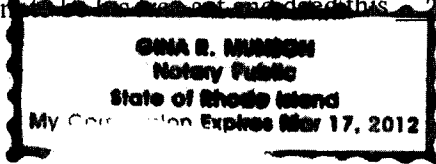
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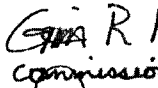
SS:

County of Providence)

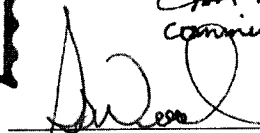
Before me personally appeared said Yoram Ringer and acknowledged the foregoing instrument to be his free act and deed this 2nd day of March, 2012.

Seal



, Notary Public
Commission expires March 17, 2012

Date: March 2, 2012


Sean D. WEED

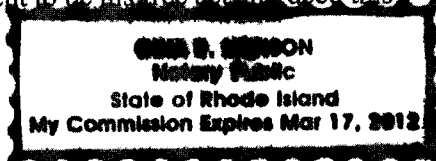
State of Rhode Island)


SS:

County of Providence)

Before me personally appeared said Sean Weed and acknowledged the foregoing instrument to be his free act and deed this 2nd day of March, 2012.

Seal



, Notary Public
Commission expires March 17, 2012

Names of additional Inventors attached? ☒ YES ☐ NO

Date: March 6, 2012

Manuel R. SILVA, JR.

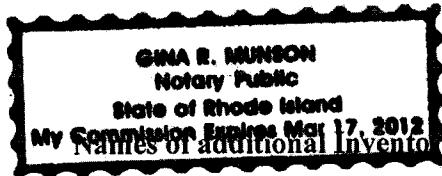
State of Rhode Island)

SS:

County of Providence)

Before me personally appeared said Manuel Silva and acknowledged the foregoing instrument to be his free act and deed this 6th day of March, 2012.

Seal



Gina R. Munson, Notary Public
commission expires March 17, 2012

Names of additional inventors attached? ☐ YES ☒ NO