

## 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>Yoram RINGER</td> <td>04/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yoram RINGER	04/19/2013						
Name	Execution Date										
Yoram RINGER	04/19/2013										
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
Name:	TYCO FIRE PRODUCTS LP										
Street Address:	1400 Pennbrook Parkway										
City:	Lansdale										
State/Country:	PENNSYLVANIA										
Postal Code:	19446										
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>61789182</td> </tr> <tr> <td>Application Number:</td> <td>61636556</td> </tr> <tr> <td>Application Number:</td> <td>61636633</td> </tr> <tr> <td>PCT Number:</td> <td>US2013037482</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	61789182	Application Number:	61636556	Application Number:	61636633	PCT Number:	US2013037482
Property Type	Number										
Application Number:	61789182										
Application Number:	61636556										
Application Number:	61636633										
PCT Number:	US2013037482										
CORRESPONDENCE DATA											
Fax Number:	2026546211										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	202-654-6200										
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										
ATTORNEY DOCKET NUMBER:	01737-8080.US00										
NAME OF SUBMITTER:	Lynn A. Lacyk										

OP \$160.00 61789182

Signature:	/Lynn A. Lacyk/
Date:	05/31/2013
Total Attachments: 2 source=01737-8080WO00_Assignment#page1.tif source=01737-8080WO00_Assignment#page2.tif	

## Assignment of Patent Application(s) & Letters Patent

WHEREAS, I, **Yoram RINGER**, a citizen of the United States having a place of residence at **499 Elmgrove Avenue, Providence, Rhode Island 02906** have invented certain new and useful improvements described in:

International Application No. PCT/US2013/037482 filed on April 19, 2013 entitled **DRY SPRINKLER ASSEMBLIES** which claims priority to U.S. Provisional Patent Application No. **61/789,182** filed **March 15, 2013**, U.S. Provisional Patent Application No. **61/636,556** filed on **April 20, 2012** and **61/636,633** filed on **April 21, 2012** 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: 19 APRIL 2013

  
Yoram RINGER

State of RHODE ISLAND )

SS:

County of PROVIDENCE )

Before me personally appeared said YORAM RINGER and acknowledged the foregoing instrument to be his free act and deed this 19TH day of APRIL, 2013.

Seal: 

EEROSINI IOSIPHIDIS, NOTARY PUBLIC  
MY COMMISSION EXPIRES OCT 4, 2013

Names of additional Inventors attached? [ ] YES [ X ] NO