

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MANUEL R SILVA	07/03/2018
MATHEW R ANCONE	07/09/2018
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<b>Postal Code:</b>	19446
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16017744
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<b>ATTORNEY DOCKET NUMBER:</b>	R-FP-00025 CON
<b>NAME OF SUBMITTER:</b>	EFROSYNI IOSIPHIDIS
<b>SIGNATURE:</b>	/EFROSYNI IOSIPHIDIS/
<b>DATE SIGNED:</b>	07/25/2018
<b>Total Attachments: 4</b>	
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### **Assignment of Patent Application(s) & Letters Patent**

WHEREAS, I (we), Manuel R. Silva, having a place of residence at 74 Chicory Lane, Cranston, RI (US); Mathew R. Ancone, having a place a residence at 36 Craig Road, Warwick, RI (US); and have invented certain new and useful improvements described in the attached Schedule A.

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;

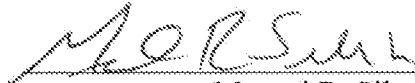
NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said invention in the United 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.

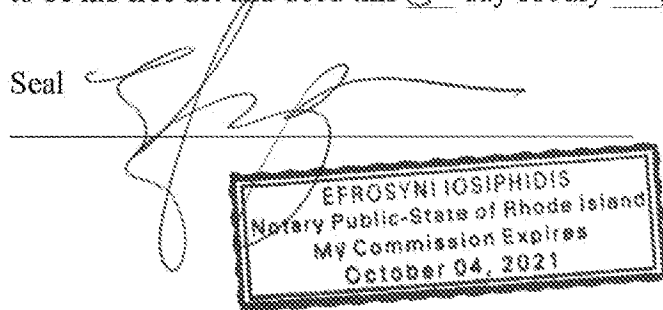
Date: July 3, 2018

  
Manuel R. Silva

State of Rhode Island       )  
  ) SS:  
County of Providence       )

Before me personally appeared said Manuel R. Silva and acknowledged the foregoing instrument to be his free act and deed this 3<sup>rd</sup> day of July \_\_\_\_, 2018.

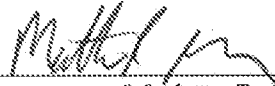
Seal



Names of additional Inventors attached?    ☒ YES    ☐ NO

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: July 9, 2018

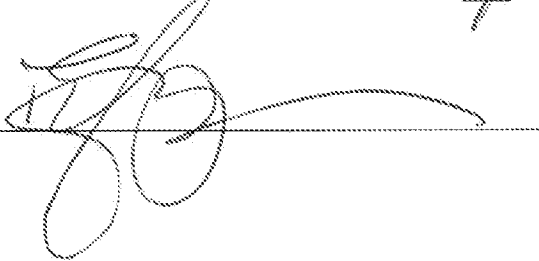


Mathew R. Ancone

State of Rhode Island       )  
  ) SS:  
County of Providence       )

Before me personally appeared said Mathew R. Ancone and acknowledged the foregoing instrument to be his free act and deed this 9<sup>th</sup> day of July \_\_, 2018.

Seal



Names of additional Inventors attached?    ☐ YES        ☒ NO

**SCHEDULE A**

<b>US PATENTS</b>	<b>Country</b>	<b>Registration Number</b>	<b>Grant Date</b>	<b>Title</b>
<b>US / PCT Patent Applications</b>	<b>Country</b>	<b>Serial Number</b>	<b>Filing Date</b>	<b>Title</b>
	United States	61/213997	06-Aug-2009	Sprinkler Body Assembly
	United States	61/344401	14-Jul-2010	Sprinkler Body Assembly
	United States	61/457942	13-Jul-2011	Sprinkler Body Assembly
	United States	14/124981	13-Jul-2012	Fire Protection Sprinkler Assembly
	United States	16/017744	06-Jun-2018	Fire Protection Sprinkler Assembly
<b>Foreign Patents</b>	<b>Country</b>	<b>Registration Number</b>	<b>Grant Date</b>	<b>Title</b>
<b>Foreign Patent Applications</b>	<b>Country</b>	<b>Serial Number</b>	<b>Filing Date</b>	<b>Title</b>
	EP	12741174.2	13-Jul-2012	Sprinkler Body Assembly
	WO	PCT/US2012/046717	13-Jul-2012	