

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MANUEL R. SILVA JR.	01/24/2020
STEVEN LEE SHIELDS	01/23/2020
GARY J. LUIZ	01/23/2020
RECEIVING PARTY DATA	
Name:	TYCO FIRE PRODUCTS LP
Street Address:	1400 PENNBROOK PARKWAY
City:	LANSDALE
State/Country:	PENNSYLVANIA
Postal Code:	19446
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17834658
CORRESPONDENCE DATA	
Fax Number:	(202)672-5399
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(214) 999-3014
Email:	jsheridan@foley.com, ipdocketing@foley.com, efrosyni.iosiphidis@jci.com
Correspondent Name:	FOLEY & LARDNER LLP
Address Line 1:	3000 K STREET, N.W.
Address Line 2:	SUITE 600
Address Line 4:	WASHINGTON, D.C. 20007
ATTORNEY DOCKET NUMBER:	118651-1304
NAME OF SUBMITTER:	JOHN SHERIDAN
SIGNATURE:	/John Sheridan/
DATE SIGNED:	06/08/2022
Total Attachments: 2	
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Assignment of Patent Application(s) & Letters Patent

WHEREAS, I/we, Manuel R. Silva, Jr., Steven Lee Shields, and Gary J. Luiz, have invented certain new and useful improvements described in the application entitled:

FIRE PROTECTION SPRINKLER AND FITTING ASSEMBLY

as set forth in this International Patent Application:

check one ☐ executed concurrently herewith,
 ☐ executed on _____,
 ☒ Serial No. PCT/US2018/050036 Filed 9/7/2018

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.

NAME AND SIGNATURE OF INVENTOR

Name: MANUEL R. SILVA, JR.

Signature: Manuel R Silva Jr

Date: 1/24/2020

NAME AND SIGNATURE OF INVENTOR

Name: STEVEN LEE SHIELDS

Signature: Steven L Shields

Date: 1/23/2020

NAME AND SIGNATURE OF INVENTOR

Name: GARY J. LUIZ

Signature: Gary J Luiz

Date: 1/23/2020