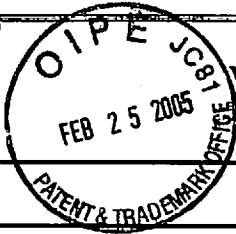


## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Manuel R. SILVA Jr.	01/26/2005
RECEIVING PARTY DATA	
Name:	Tyco Fire Products LP
Street Address:	1467 Elmwood Avenue
City:	Cranston
State/Country:	RHODE ISLAND
Postal Code:	02910
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13529033
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:	01737-8010.US02
NAME OF SUBMITTER:	Lynn A. Lacyk
Signature:	/Lynn A. Lacyk/
Date:	07/02/2013
Total Attachments: 2 source=01737-8010_Assignment#page1.tif source=01737-8010_Assignment#page2.tif	

OP \$40.00 13529033



**WORLDWIDE ASSIGNMENT**

ATTORNEY DOCKET NO. 052250-5048

WHEREAS, I, the below named inventor, hereinafter referred to as Assignor, have made an invention entitled:

**Dry Sprinkler With A Diverter Seal Assembly**

for which I filed an application for United States Letters Patent; and

WHEREAS, Tyco Fire Products LP, a corporation of Delaware, whose post office address is 1467 Elmwood Avenue, Cranston, RI 02910, U.S.A., hereinafter referred to as "Assignee", is desirous of securing the entire right, title, priorities and interest in and to this invention by local laws or treaty in all countries throughout the world, including any international convention for the protection of industrial or intellectual property, in and to any and all improvements which are disclosed in the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, Manuel R. SILVA, Jr., 38 Canonchet Trail Cranston, Rhode Island 02921, a citizen of U.S.A., hereinafter called "Assignor", have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, this application, any priority application (foreign or domestic) of this application, and all divisions, improvements and continuations thereof, and all Letters Patent of the United States which have been or may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which have been or may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, Assignor HEREBY covenant that Assignor has the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, Assignor HEREBY further covenant and agree that Assignor will, without further consideration, communicate with assignee, its successors and assigns, any facts known to Assignor respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain, enforce and maintain proper patent protection for this invention or any improvements of this invention in the United States and any foreign country in Assignee.

AND, Assignor hereby authorize and request the attorneys Assignor has empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application S.N. 11/000,129, filed on December 1, 2004) the filing date and application number of said application when known.

**WORLDWIDE ASSIGNMENT (Continued)**

Attorney Docket No. 052250-5048

IN TESTIMONY WHEREOF, I have hereunto set my hand.

**Manuel R. SILVA, Jr.**  
Full Name of Sole or First Assignor

Manuel R Silva Jr  
First Assignor's Signature

26 JAN 2005  
Date of Execution

State of Rhode Island )  
City of Cranston )

Before me this 26<sup>th</sup> day of January, ~~2004~~<sup>2005</sup>, personally appeared **Manuel R. SILVA, Jr.** to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

[SEAL] James M. Hart  
NOTARY PUBLIC

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