

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| BERNHARD ABELS | 03/10/2014 |
| RECEIVING PARTY DATA | |
| Name: | TYCO FIRE PRODUCTS LP |
| Street Address: | 1400 PENNBROOK PARKWAY |
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| State/Country: | PENNSYLVANIA |
| Postal Code: | 19446 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14214200 |
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| ATTORNEY DOCKET NUMBER: | 001737-8077.US01 |
| NAME OF SUBMITTER: | SHARON D. EURICH |
| SIGNATURE: | /Sharon D. Eurich/ |
| DATE SIGNED: | 05/20/2016 |
| Total Attachments: 2 | |
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| source=001737-8077.US00 Executed Assignment#page2.tif | |

Assignment of Patent Application(s) & Letters Patent

WHEREAS, I, **Bernhard ABELS**, having a place of residence at **177 Beach Avenue, Warwick, Rhode Island 02889**, have invented certain new and useful improvements described in:

U.S. Provisional Patent Application No. **61/788,039**, filed on **March 15, 2013**, entitled **AN EXTENDED COVERAGE FIRE PROTECTION SPRINKLER**;

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, extension, 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.

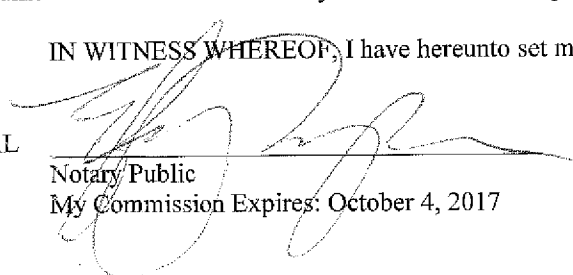
Date: 10. March 2014 Bernhard ABELS
Bernhard ABELS

STATE OF RHODE ISLAND)
) SS.
COUNTY OF PROVIDENCE)

I, Efrosyni Iosiphidis, a Notary Public in and for the Country and State aforesaid, do hereby certify that Bernhard ABELS personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 10th day of March, 2014.

SEAL


Notary Public
My Commission Expires: October 4, 2017

Names of additional Inventors attached? ☐ YES ☒ NO