

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4456685

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JOSEPH PICCOLO III	06/12/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TYCO FIRE & SECURITY GMBH	
<b>Street Address:</b>	VICTOR VON BRUNS-STRASSE 21	
<b>City:</b>	NEUHAUSEN AM RHEINFALL	
<b>State/Country:</b>	SWITZERLAND	
<b>Postal Code:</b>	8212	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15619780
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(781)863-9931	
<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>		
<b>Phone:</b>	7818639991	
<b>Email:</b>	deanne.johnson@houstonllp.com	
<b>Correspondent Name:</b>	J. GRANT HOUSTON	
<b>Address Line 1:</b>	HOUSTONHOGLE LLP	
<b>Address Line 2:</b>	1666 MASSACHUSETTS AVE., SUITE 12	
<b>Address Line 4:</b>	LEXINGTON, MASSACHUSETTS 02420	
<b>ATTORNEY DOCKET NUMBER:</b>	0324.0032US1/F-FD-00163US	
<b>NAME OF SUBMITTER:</b>	J. GRANT HOUSTON	
<b>SIGNATURE:</b>	/grant houston/	
<b>DATE SIGNED:</b>	06/13/2017	
<b>Total Attachments: 2</b>		
source=0324.0032US1 (F-FD-00163 US) Signed Assignment#page1.tif		
source=0324.0032US1 (F-FD-00163 US) Signed Assignment#page2.tif		

PATENT

ATTORNEY DOCKET: 0324.0032US1 (F-FD-00163 US)

A S S I G N M E N T

Whereas I, the undersigned,

**Joseph Piccolo III**, a citizen of the United States, residing at 41 Route 199 West, P.O. Box 535, Fitzwilliam, NH 03447,

hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

**SYSTEM AND METHOD FOR TESTING EMERGENCY ADDRESS SYSTEMS USING  
VOICE RECOGNITION**

identified as Attorney Docket No. **0324.0032US1 (F-FD-00163 US)** which application was filed on 6/12/2017 and assigned Application No. 15/619,780. In the event that the execution date, filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys at HOUSTONHOGLE LLP, 1666 Massachusetts Avenue, Suite 12, Lexington, MA 02420, USA to insert above the execution date, filing date and/or Application No. of said application; and

Whereas, **Tyco Fire & Security GmbH**, having an office and a place of business at Victor von Bruns-Strasse 21, Neuhausen am Rheinfall, Switzerland 8212, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

PATENT

ATTORNEY DOCKET: 0324.0032US1 (F-FD-00163 US)

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment on the date indicated next to my name.

Dated: 6/12/17

  
Joseph Piccolo III

I declare that I did see the above-named individual sign this document in my presence.

Witness: May A Oja

Date: June 12, 2017