

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5490306

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DOUGLAS NEWIN	04/22/2019
SIMON VERMETTE	04/22/2019
KEVIN LÉVESQUE-LANDRY	04/16/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	JOHNSON CONTROLS FIRE PROTECTION LP
<b>Street Address:</b>	6600 CONGRESS AVENUE
<b>City:</b>	BOCA RATON
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33487
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16390952
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	2028576000
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<b>Correspondent Name:</b>	ARENT FOX LLP
<b>Address Line 1:</b>	1717 K STREET, NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20006
<b>ATTORNEY DOCKET NUMBER:</b>	039636.00866/DFD190045US3
<b>NAME OF SUBMITTER:</b>	SHABNAM SHAFIEE/
<b>SIGNATURE:</b>	/Shabnam Shafiee/
<b>DATE SIGNED:</b>	04/24/2019
<b>Total Attachments: 4</b>	
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source=039636-00866_D-FD-19-0045-US3_Assignments_As_Filed_April_24_19#page4.tif	

**ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **JOHNSON CONTROLS FIRE PROTECTION LP** (the "Assignee"), a corporation of the State of **Florida**, having a place of business at **6600 Congress Avenue, Boca Raton, Florida 33487**, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "**SYSTEMS AND METHODS FOR ECHO MANAGEMENT IN CONFERENCING OVER A NETWORK USING MULTIPLEXED MIXED MULTICAST**" and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 158032 may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

**Additional Application Information**

*U.S. Provisional Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.*

*U.S. Non-Provisional Application Serial No. 16/390,952, filed on April 22, 2019.*

*International Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.*

INVENTOR I:

Signature: \_\_\_\_\_

  
Douglas NEWIN

Date: 22 April 2019

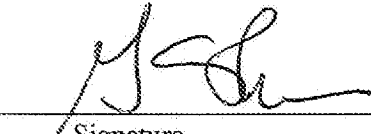
Witnessed by: \_\_\_\_\_

Nancy Shaw  
 Signature

Date: 22 April 2019

Nancy Shaw  
 Printed Name of Witness

Witnessed by: \_\_\_\_\_

  
 Signature

Date: 22 APRIL 2019

GRANT SHAW  
 Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

Date: \_\_\_\_\_

Douglas NEWIN

STATE OF \_\_\_\_\_ )  
 ) §§.  
 COUNTY OF \_\_\_\_\_ )

This \_\_\_\_ day of \_\_\_\_\_, 2019, before me personally came the above-named Douglas NEWIN to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

(Seal)

Notary Public  
 My Commission: \_\_\_\_\_



