

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5787870

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE STREET ADDRESS previously recorded on Reel 050291 Frame 0077. Assignor(s) hereby confirms the ASSIGNEE'S STREET ADDRESS IS C-501 TO 512, 'C' WING, TWIN ARCADE, MILITARY ROAD, MAROL, ANDHERI (E).
CONVEYING PARTY DATA	
Name	Execution Date
RAMESH BABU	03/20/2017
PIRAMMANAYAGAM NALLAPERUMAL	03/20/2017
RECEIVING PARTY DATA	
Name:	UTC FIRE & SECURITY INDIA LTD.
Street Address:	C-501 TO 512, 'C' WING, TWIN ARCADE, MILITARY ROAD, MAROL, ANDHERI (E)
City:	MUMBAI
State/Country:	INDIA
Postal Code:	400 059
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16491661
CORRESPONDENCE DATA	
Fax Number:	(860)286-0115
<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:	860-286-2929
Email:	usptopatentmail@cantorcolburn.com
Correspondent Name:	CANTOR COLBURN LLP - CARRIER
Address Line 1:	20 CHURCH STREET, 22ND FLOOR
Address Line 4:	HARTFORD, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	95858US02 (U300943US2)
NAME OF SUBMITTER:	NICHOLAS R. STANGO
SIGNATURE:	/Nicholas R. Stango/
DATE SIGNED:	10/25/2019
Total Attachments: 6	
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 9, 2019

PTAS

CANTOR COLBURN LLP - CARRIER
20 CHURCH STREET, 22ND FLOOR
HARTFORD, CT 06103

505658337

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/06/2019

REEL/FRAME: 050291/0077
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 95858US02 (U300943US2)

ASSIGNOR:

BABU, RAMESH

DOC DATE: 03/20/2017

ASSIGNOR:

NALLAPERUMAL, PIRAMMANAYAGAM

DOC DATE: 03/20/2017

ASSIGNEE:

UTC FIRE & SECURITY INDIA LTD.
~~C-501 TO 512, C WING, TWIN ARCADE,
MILITARY ROAD, MAROL, ANDHERI-2,~~
MUMBAI, INDIA 400 059

C-501 to 512, C WING, TWIN ARCADE,
MILITARY ROAD, MAROL, ANDHERI (E)

APPLICATION NUMBER: 16491661

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEMS AND METHOD TO ADDRESS THE SECURITY VULNERABILITY IN
WIRELESS NETWORKS

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5705142

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAMESH BABU	03/20/2017
PIRAMMANAYAGAM NALLAPERUMAL	03/20/2017
RECEIVING PARTY DATA	
Name:	UTC FIRE & SECURITY INDIA LTD.
Street Address:	C-501 TO 512, 'C' WING, TWIN ARCADE, MILITARY ROAD, MAROL, ANDHERI #.,
City:	MUMBAI
State/Country:	INDIA
Postal Code:	400 059
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Phone:	8602862929
Email:	usptopatentmail@cantorcolburn.com
Correspondent Name:	CANTOR COLBURN LLP - CARRIER
Address Line 1:	20 CHURCH STREET, 22ND FLOOR
Address Line 4:	HARTFORD, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	95858US02 (U300943US2)
NAME OF SUBMITTER:	NICHOLAS R. STANGO
SIGNATURE:	/Nicholas R. Stango/
DATE SIGNED:	09/06/2019
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we, **RAMESH BABU** and **PIRAMMANAYAGAM NALLAPERUMAL** of Floor No. 9, 10, 11, Building No. 12C, Raheja Mindspace, Hitech City, Madhapur Hyderabad, TG 500081 India, have invented certain improvements in

SYSTEMS AND METHOD TO ADDRESS THE SECURITY VULNERABILITY IN WIRELESS NETWORKS

identified as Attorney Docket No. 95858 and described in a patent application as further identified hereinbelow, and

WHEREAS, **UTC FIRE & SECURITY INDIA LTD.**, (hereinafter Assignee) a limited liability company organized and established under the laws of India, with registered office at C-501 to 512, 'C' Wing, Twin Arcade, Military Road, Marol, Andheri E., Mumbai, 400 059, India 400 059, is desirous of acquiring the entire worldwide right, title and interest in and to said invention or inventions and any and all patents, utility models, design patents or other industrial property rights to be obtained therefore;

NOW, THEREFORE, in consideration of inventor compensation determined and paid in accordance with the United Technologies Building & Industrial Systems Employee Inventor Compensation Award Policy, the undersigned does hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, to the extent owned or assignable by the undersigned, all right, title and interest in and to:

- said invention or inventions, as described in the aforesaid patent application, in any form or embodiment thereof, and in and to the aforesaid application;
- any application filed in any country, jurisdiction or other authority based thereon, including direct or indirect nonprovisional, divisional, continuation-in-part or substitute applications, and including the right to file said applications under the provisions of the Paris Convention for the Protection of Industrial Property, the Patent Corporation Treaty or other international convention or agreement;
- any and all patents or reissues or extensions thereof to be obtained in any country, jurisdiction or other authority which may be filed upon said invention or inventions in any country or other authority;
- all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation.


The undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to Assignee or its successors and assigns.

The undersigned further agrees, to communicate to Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in any country.

The undersigned hereby authorizes the Assignee to insert the application number and filing date of the above-noted international patent application into the following spaces, when known:

Application No.	62/468,435
Country or Receiving Office	U.S.
Filing Date:	March 8, 2017
Inventors:	Ramesh Babu, Pirammanayagam Nallaperumal, Michael Ramoutar

IN TESTIMONY WHEREOF, the undersigned has hereunto set her/his hand and seal on the date after her/his signature.



Ramesh Babu

Date: 20 March 2017

Pirammanayagam Nallaperumal

Date: _____

ASSIGNMENT

WHEREAS, we, **RAMESH BABU** and **PIRAMMANAYAGAM NALLAPERUMAL** of Floor No. 9, 10, 11, Building No. 12C, Raheja Mindspace, Hitech City, Madhapur Hyderabad, TG 500081 India, have invented certain improvements in

SYSTEMS AND METHOD TO ADDRESS THE SECURITY VULNERABILITY IN WIRELESS NETWORKS

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NOW, THEREFORE, in consideration of inventor compensation determined and paid in accordance with the United Technologies Building & Industrial Systems Employee Inventor Compensation Award Policy, the undersigned does hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, to the extent owned or assignable by the undersigned, all right, title and interest in and to:

- said invention or inventions, as described in the aforesaid patent application, in any form or embodiment thereof, and in and to the aforesaid application;
- any application filed in any country, jurisdiction or other authority based thereon, including direct or indirect nonprovisional, divisional, continuation-in-part or substitute applications, and including the right to file said applications under the provisions of the Paris Convention for the Protection of Industrial Property, the Patent Corporation Treaty or other international convention or agreement;
- any and all patents or reissues or extensions thereof to be obtained in any country, jurisdiction or other authority which may be filed upon said invention or inventions in any country or other authority;
- all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation.

The undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to Assignee or its successors and assigns.

The undersigned further agrees, to communicate to Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in any country.

95858US01 (U300943US)

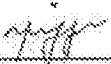
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IN TESTIMONY WHEREOF, the undersigned has hereunto set her/his hand and seal on the date after her/his signature.

Ramesh Babu

Date: _____



Pirammanayagam Nallaperumal

Date: 20 March 2017

95858US01 (U300943US)