505308825 02/01/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEWART E. HALL	08/16/2016
ROBERT F. BREWIN	08/17/2016
SCOTT M. CLEMENTS	01/14/2015

RECEIVING PARTY DATA

Name:	TYCO FIRE & SECURITY GMBH	
Street Address:	VICTOR VON BRUNS-STRASSE 21	
City:	8212 NEUHAUSEN AM RHEINFALL	
State/Country:	SWITZERLAND	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15366036

CORRESPONDENCE DATA

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Correspondent Name: FOLEY & LARDNER LLP Address Line 1: 3000 K STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20007-5109

ATTORNEY DOCKET NUMBER:	116048-0284	
NAME OF SUBMITTER:	CHARLES E MAURER III	
SIGNATURE:	/Charles E Maurer III/	
DATE SIGNED:	02/01/2019	

Total Attachments: 4

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> **PATENT** REEL: 048218 FRAME: 0287

505308825

Attorney Docket No.: 38720-0017001 / C-CTO-00006

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, STEWART E. HALL, ROBERT F. BREWIN, SCOTT M. CLEMENTS, each individually assign to TYCO FIRE & SECURITY GMBH, a corporation formed under the laws of Switzerland and having a principal place of business at Victor von Bruns-Strasse 21, 8212

Neuhausen am Rheinfall, Switzerland, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "PERSONNEL AUTHENTICATION AND TRACKING SYSTEM", and was filed in the United States Patent and Trademark Office on August 20, 2014, as application 14/463,984 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

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documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Siewart B. Hall	Date: 8/16/2016
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

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\bigcap	Attorney Docket No.: 38720-0017001 / C-CTO-00006
Robert F. Brewin	Date: 3/17/16
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:

Print Name:

	*
	Attorney Docket No.: 38720-0017001 / C-CTO-00006
55777/////	Date: 40 13 3015
Scott M. Clements	Date: <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>
Witnessed by:	
Signature:	Date: 14 Junuary 2015
Print Name: JANE GRAHAM	
Signature:	Date:
Print Name:	
The Assignee hereby acknowledges and acce	epts the foregoing assignment.
Assignee: TYCO FIRE & SECURITY CANE	H
Signature:	Date:
David P. Dorma	
Type Fire and Socurity	
Title: CmbH	
Janes .	
23339703 James P. Delahanty	·
Anthonized Signatory	
Tyco Fire & Security	
GmbH	

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RECORDED: 02/01/2019