506386164 12/04/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN C.Y. HUANG	09/05/2018
TAMLYN J. JONES	08/30/2018
ERIC F. RIGGERT	09/18/2018
STEVEN J. RAYNESFORD	09/05/2018
GLEN OUELLETTE	09/06/2018
STEVE E. TRIVELPIECE	08/31/2018

RECEIVING PARTY DATA

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Street Address:	VICTOR VON BRUNS-STRASSE 21
City:	NEUHAUSEN AM RHEINFALL
State/Country:	SWITZERLAND
Postal Code:	8212

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16926302

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER:	039636.05306/TRS-00192US2
NAME OF SUBMITTER:	JAMES BINDSEIL
SIGNATURE:	/James Bindseil/
DATE SIGNED:	12/04/2020

Total Attachments: 13

PATENT REEL: 054549 FRAME: 0496

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ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, by this document

ASSIGNOR(S)	
MOONONORO	٠.

Name	Address			
John C. Y. Huang	82 Lupari, Irvine, California 92618			
Tamlyn J. Jones	73 Galan Street, Rancho Mission Viejo, California 92694			
Eric F. Riggert	28602 Brookhill Road, Trabuco Canyon, California 92679			
Steven J. Raynesford	25211 Terreno, Mission Viejo, California 92691			
Glen Ouellette	16866 Harvest Lane, Huntington Beach, California 92649			
Steve E. Trivelpiece	10 Cloverdale, Rancho Santa Margarita, California 92688			
assigns and transfers to:				
ASSIGNEE:				
Name	Address			
Tyco Fire & Security GmbH	Victor von Bruns-Strasse 21, 8212 Neuhausen Am Rheinfall, SWITZERLAND			

the entire right, title and interest in and to the invention entitled:

FOREIGN RFID TAG DISCRIMINATION AND MANAGEMENT

and which is found in:

Х	the U.S. patent application filed with this assignment document
	U.S. patent application no., filed
	International patent application no., filed
	U.S. patent no., issued

and, in and to

- all patent applications filed and letters patent obtained for the invention, whether
 foreign and domestic, and all continuations, continuation-in-part divisions, renewals,
 reissues, re-examinations, or substitutes of any such patent or patent application; and
 any patents and patent applications to which any such patent or patent application
 claims priority;
- all rights to any legal equivalent thereof in a foreign country such as patents of addition, utility models, patents of importation, revalidation patents and inventor certificates;

- the right to apply for patents and inventor certificates relating to the invention, and the right to claim priority to all applications throughout the world in respect of the invention; and
- the right to sue and recover any and all damages and profits, and any and all other remedies, for past, present, or future infringements of patents directed to the invention.

ASSIGNOR(S) authorizes ASSIGNEE or its legal representative to insert in this instrument the filing date, serial number, and any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office or any other domestic or foreign government entity for the recordation of this document.

ASSIGNOR(S) warrants and agrees that:

- no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;
- upon request, ASSIGNOR(S) will promptly provide ASSIGNEE with all pertinent facts and documents relating to the invention as may be known and accessible to ASSIGNOR(S);
- ASSIGNOR(S) will, at ASSIGNEE'S expense, testify as to the same in any interference, litigation or proceeding related to the invention; and
- ASSIGNOR(S) will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE or its successors or assigns may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce any resulting patents or patent applications.

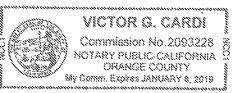
ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks and any foreign counterpart to issue any and all letters patent for the invention to ASSIGNEE, for ASSIGNEE'S sole use and benefit, and for the use and benefit of ASSIGNEE'S successors and assigns, to the full end of the term for which such patent may be granted.

ASSIGNOR(S) agree that this document shall bind and inure to the benefit of the heirs, assigns and legal representatives of both ASSIGNOR(S) and ASSIGNEE.

Name: 4. 6.		Date: _	9/5/18
	John C. Hwang		
State of	CALIFORNIA		
County of	OFANG E		
Before me this	day of	•	, personally appeared
	ent and acknowledged to		described in, and who executed outed the same of his/her own
	•		
		Notary Public	
	(SEE A	THACKED I	DOCUMENT)

CALIFORNIA ALL PURPOSE ACKNOWLEDGMENT				
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.				
STATE OF CALIFORNIA)				
COUNTY OF URANGE)				
On <u>09/05/2018</u> before me , <u>KEINNETH C. EHRNMAN</u> Notary Public,				
Date (here insert name and title of the officer)				
personally appeared				
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.				
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.				
WITNESS my hand and official seal. KENNETH C. EHRNMAN COMM 2202478 COMM 2202478 COMM 2002478 COMM				
Signature (Seal)				
OPTIONAL				
Description of Attached Document 人SQANMENT OF INVENTON				
Title or Type of Document: Number of Pages:				
Document Date:Other:				

Name: <u>Jary</u>	N JONES Tamilyn I Jones	Date:	8-30-18
State of County of	<u>California</u> anange		
	ividual, to me known to tent and acknowledged	be the person who is	personally appeared described in, and who executed cuted the same of his/her own



Name: All Stev	en Raynesford	Date:	Jp. 5, 2018	
State of	<u>California</u>			
County of	Orange			
William .				
Before me this	day of	يد.	, personally appeared	
the above named indivi	dital, to me known to be	the person who is	described in, and who executed	
the foregoing instrument and acknowledged to me that he/she executed the same of his/her own will for the purposes therein expressed.				
		The same of the sa		
	Attached ublic Document	Notary Public		

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State of California (
County of)	
	en Harring Life Dills
On before me,	U HORIMACHI, Lota Rhic,
	Here Insert Name and Title of the Officer Raynes ford
personally appeared <u>J76v6k</u> J.	
	Name(s)-of Signer(s)
subscribed to the within instrument and acknowled	evidence to be the person(s) whose name(s) is/are edged to me that he/she/they executed the same in a/her/their signature(s) on the instrument the person(s), ted, executed the instrument.
C	certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
V	VITNESS my hand and official seal.
TORU HORIMACHI	
Notary Public - California Society Soc	Signature
Commission # 2225278 My Comm Expires Jan 11, 2022	Signature of Notary Public
Place Notary Seal Above	
Though this section is optional, completing this is	IONAL Information can deter alteration of the document or form to an unintended document.
Description of Attached Document	Δ - (
Title or Type of Document: Assignment	of Invention
Document Date:	Number of Pages:
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer(s)	
Signer's Name: Corporate Officer — Title(s):	Signer's Name:
☐ Partner — ☐ Limited ☐ General	☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General
☐ Partitler — ☐ Cirnited ☐ General ☐ Individual ☐ Attorney in Fact	
☐ Trustee ☐ Guardian or Conservator	☐ Individual☐ Attorney in Fact☐ Trustee☐ Guardian or Conservator
☐ Other:	☐ Other:
Signer Is Representing:	Signer Is Representing:
TO STANJANJANJANJANJANJANJANJANJANJANJANJANJA	VANDAMAN AND AND AND AND AND AND AND AND AND A
	y.org • 1-800-US NOTARY (1-800-876-6827) Item #5907

Name: 2	Glen Ouellette) Date: _	9/6/2018
State of County of			
Before me this			, personally appear
	nt and acknowledged to me	-	described in, and who execu cuted the same of his/her ow
		Notary Public	

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A notary public or other officer completing this certific	ate verifies only the identity of the individual who signed the
document to which this certificate is attached, and not t	he truthfulness, accuracy, or validity of that document.
State of California)	
County of)	و
On before me,	Here Insert Name and Title of the Officer
Date A	Here insert Name and Title of the Officer
personally appeared	Name(s) of Signer(s)
	ivame(s) or signer(s)
subscribed to the within instrument and acknow	evidence to be the person(s) whose name(s) is/are ledged to me that he/she/they executed the same in is/her/their signature(s) on the instrument the person(s) oted, executed the instrument.
	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
and the second	WITNESS my hand and official seal.
EMAD DOSS 0	
<u>※ " こんきか ~ ~ NANA ~ 7 3 4 0 0 4 ()</u>	Signature
ORANGE COUNTY W	Signature of Notary Public
My Term Exp. Nov. 15, 2019	
Place Notary Seal Above	
	TIONAL information can deter alteration of the document or
	s form to an unintended document.
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Description of Attached Document	r de la companya del companya de la companya del companya de la co
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Title or Type of Document:	Signer's Name: ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General
Title or Type of Document:	Signer's Name: ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact
and the control of th	Signer's Name: Corporate Officer — Title(s): Partner — Limited General Individual Attorney in Fact Trustee Guardian or Conservator

Name: Sie	ve E. Trivelpiece	Date: _	2/31/2011
State of County of			
	nt and acknowledged to n		, personally appeared escribed in, and who executed ted the same of his/her own
		Notary Public	

A notary public or other officer completing this certific document to which this certificate is attached, and not t	ate verifies only the identity of the individual who signed the he truthfulness, accuracy, or validity of that document.
State of California County of On A State of California On Date personally appeared State State of California Defore me, State All All All All All All All A	Here Insert Name and Title of the Officer Social Discretely Name(s) of Signer(s)
ະຣຸມປູຣຕຸibed to the within instrument and ackriթwູ	evidence to be the person(s) whose name(s)(i)/are dedged to me that he/slye/they executed the same in iii/yer/their signature(s) on the instrument the person(s); cted, executed the instrument.
¥	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
EMAD DOSS COMM2134004 ROTARY PUBLIC COURTY ORANGE COURTY My Term Exp. Roy. 15, 2019	WITNESS my hand and official seal. Signature of Notary Public
Place Notary Seal Above	7/ONAL
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Title or Type of Document:	Number of Pages:
Capacity(les) Claimed by Signer(s) Signer's Name: ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other: ☐ Signer is Representing:	☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other:
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	Eric F. R aggé rt See At Acknown	tached edgenerit	
State of	**************************************		
County of		•	
Before me this	day of		, personally appeared
the above named indiv	idual, to me known to be	the person who is	described in, and who executed
	~	me that he/she exec	uted the same of his/her own
will for the purposes th	ierein expressed.		

CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

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A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
COUNTY OF Drange)
On <u>9-/8-/8</u> before me, <u>Cocah R. Kanedy</u> (Date) (Here Insert Name and Title of the Officer)
personally appeared, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he she/they executed the same in his/her/their authorized capacity(les), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal. OEBORAH R. KENNEBY Hotary Public - California Orange County Commission # 2254670 My Comm. Expires Aug 17, 2027 (Notary Seal)
ADDITIONAL OPTIONAL INFORMATION
Description of Attached Document Title or Type of Document: Assignment of (avention) Document Date: 9-18-18 Number of Pages: Signer(s) Other Than Named Above:

revision date 01/01/2015

PATENT REEL: 054549 FRAME: 0510

RECORDED: 12/04/2020