507140056 02/22/2022

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
XIONGYING LIU	04/20/2021
NUANFENG ZHANG	04/20/2021
TIANHAI CHANG	04/20/2021
YI FAN	04/20/2021
YUNJIONG QIN	04/20/2021

#### RECEIVING PARTY DATA

Name:	SOUTH CHINA UNIVERSITY OF TECHNOLOGY	
Street Address:	NO. 381 WUSHAN ROAD	
Internal Address:	TIANHE DISTRICT	
City:	GUANGZHOU, GUANGDONG	
State/Country:	CHINA	
Postal Code:	510640	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17055580

#### **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.

**Phone:** 5038950105

Email: USpat@jmbdavis.com

Correspondent Name: JMB DAVIS BEN-DAVID LTD Address Line 1: 11 KIRYAT HAMADA STREET

Address Line 2: P.O.BOX 45087

Address Line 4: JERUSALEM, ISRAEL 9777508

ATTORNEY DOCKET NUMBER:	96160/303.40
NAME OF SUBMITTER:	MICHAEL D. HAMMER REG. # 59258
SIGNATURE:	/Michael D. Hammer/
DATE SIGNED:	02/22/2022

PATENT 507140056 REEL: 059060 FRAME: 0053

## Total Attachments: 2

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PATENT REEL: 059060 FRAME: 0054

#### ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Xiongying LIU; No. 381 Wushan Road, Tianhe District Guangzhou, Guangdong 510640, China Nuanfeng ZHANG; No. 381 Wushan Road, Tianhe District Guangzhou, Guangdong 510640, China

Tianhai CHANG; No. 381 Wushan Road, Tianhe District Guangzhou, Guangdong 510640, China Yi FAN; No. 381 Wushan Road, Tianhe District Guangzhou, Guangdong 510640, China, and Yunjiong QIN No. 381 Wushan Road, Tianhe District Guangzhou, Guangdong 510640, China

(hereinafter: "Assignors");

hereby assign, transfer, convey, and deliver to:

# SOUTH CHINA UNIVERSITY OF TECHNOLOGY, No. 381 Wushan Road, Tianhe District Guangzhou, Guangdong 510640, China

(hereinafter: the "Assignee"), (a University incorporated under the laws of China) and (hereinafter: the "Assignee"), its legal successors and assigns, the Assignors' entire right, title and interest in and to the invention entitled:

AN AUTOMATIC SEARCH METHOD FOR A STRUCTURAL MODE SIGNAL OF A CHIPLESS RFID TAG (hereinafter: the "Invention").

The Invention is described in U.S. Patent Application No. 17/055,580 filed on November 15, 2020, which is a National Phase of International Patent Application No. PCT/CN2018/113964 filed on November 5, 2018, which claims priority to China Patent Application No. 201810459650.0 filed on May 15, 2018 (hereinafter: the "Patent Applications").

The rights assigned herein include, without limitation, all rights in and to the Patent Applications and all patent applications derived therefrom, including any United States National Stage, continuation, continuation-in-part, divisional, extension, reexamination, substitute and renewal thereof, and any patent application filed anywhere in the world claiming priority to the Patent Applications under international conventions, and any and all Letters Patent which may be granted thereon; and all rights to collect and retain all royalties and other considerations arising from the Invention; and all rights to sue for past, present and future infringement and the right to collect and retain all damages collected or awarded as a consequence of such infringement.

#### Assignment 96160/303.40

The undersigned authorize and request the Director of the United States Patent and Trademark Office, and any official of any country whose duty it is to issue patents on applications as aforesaid, to issue Letters Patent to said Assignees; and agree to sign all lawful papers, make all rightful oaths, and do all lawful acts requisite for filing and prosecuting the Patent Applications, and for obtaining and enforcing patent protection for the Invention.

Xiong/ing Liu
Xiongying LIU
Date: 04/20/201

x Nuanfeng Zhang
Nuanfeng Zhang
Nuanfeng Zhang
Date: 04/20/2021

x Tianhai Chang
Tianhai Chang
Tianhai Chang
Tianhai Chang
Tianhai Chang
Yi Fan
Yi Fan
Yi Fan
Yi Fan
Yunjiong (lin
Yunjiong QIN
Date: 04/20/2021