505686846 09/24/2019

## PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

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Name	Execution Date
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YUAN-CHU TAI	09/18/2019

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

Property Type	Number
Application Number:	16579132

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DATE SIGNED:	09/23/2019

#### **Total Attachments: 2**

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PATENT 505686846 REEL: 050468 FRAME: 0449

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

United States Patent Richts, on United States Plus all Foreign Patent Richts

# ASSIGNMENT

Application No	у.,	16/579,132	Filed:	09/23/2019
insert Name(s) of inventor(s)	· sp	ANTHUNDOOD A BATTOL AND WASTE TOWNS TON	`AI	nted certain new and useful improvements in:
Insert Title of Invention	0			AVE DISTRIBUTION OF A RADIO SIGNAL DICHARACTERISTICS BY USING A FLYING
		for which an application for Letters Pate undersigned (except in the case of a provis		States of America has been executed by the
Insen Date of Signing of Apple	eş.	09/18/2019		; and
inserr Name of Assignee	c\$	WHEREAS, INDUSTRIAL TECHNOLOG	Y RESEARCH IN	STITUTE
incert Address		of No. 195, Sec. 4, Chang Hsing Rd., Chatt	ing, Hsinchu 310	40, Taiwan, R. O. C.,
			rest in and to sau	inafter designated as the Assignce) is desirous 1 invention and in and to any Letters Patent(s) a and
Check Box 8	25	in any foreign countries.		
		the undersigned has (have) sold, assigned and transfer unto said Assigned the full a America, its territories, dependencies and and all Letters Patent(s) which may be go dependencies and possessions, and if the i	I and transferred nd exclusive rigit possessions and ranted therefor it sox above is desi-	the receipt of which is hereby acknowledged i, and by these presents does (do) sell, assign it to the said invention in the United States of the entire right, title and interest in and to any in the United States of America, its territories gnated, in any and all foreign countries; and to and extensions thereof for the full term of

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BEKB-AXEGN-SINGLE (09-12)

Attorney Docket No.:

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	2018. 3.18	Name of Inventor Y-Lun Wew . (Signature) Yi-Lun WEN	
Date	2017, 2.18	Name of Inventor Tis 4m Line TA; (Signature) Yuan-Chu TAI	

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