## 506671978 05/19/2021

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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MINORU FUJISHIMA	05/11/2021

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17295343

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NAME OF SUBMITTER:	KAZUTO ISHIHARA
SIGNATURE:	/Kazuto Ishihara/
DATE SIGNED:	05/19/2021

### **Total Attachments: 3**

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PATENT 506671978 REEL: 056291 FRAME: 0294

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COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION		
Title of Invention	TRANSMITTER/RECEIVER AND SIGNAL GENERATION METHOD	
	DECLARATION	
As a below nar	med inventor, I hereby declare that:	
	on is directed to: e attached application, or	
X United States application or PCT international application number PCT/JP2019/045149 filed on November 18, 2019 and was amended on (if applicable).		
The above-ide	ntified application was made or authorized to be made by me.	
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.	
	swledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 risonment of not more than five (5) years, or both.	
Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."		
<b>X</b>	ASSIGNMENT	
In consideration	on of the good and valuable consideration paid, I hereby sell and assign to	
HIROSHIMA UNIVERSITY, having a place of business at 3-2, Kagamiyama 1-chome, Higashihiroshima-shi, Hiroshima 739-8511 Japan		
(hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.		
I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.		
I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.		
I agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.		

I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the

Assignee.	2	
I authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith.  I appoint, request, and grant power to the following law firm to insert on this Assignment further identification which may be necessary or desirable in order to comply with the Rules of the USPTO for recordation of this document, for example, the U.S. Serial No. and filing date.  RANKIN, HILL & CLARK LLP, 23755 Lorain Road, Suite 200, North Olmsted, Ohio 44070-2224		
First Inventor (Legal Name):TAKANO Kyoya		
Signature: Jakano Kyoya	Date: May 11, 2021	
Second Inventor (Legal Name):FUJISHIMA Minoru	·············	
Signature:		
Third Inventor (Legal Name):		
Signature:		
Fourth Inventor (Legal Name):		
Signature:	i	
Fifth Inventor (Legal Name):		
Signature:		
Sixth Inventor (Legal Name):		
Signature:		
Seventh Inventor (Legal Name):		
Signature:	Date:	
Eighth Inventor (Legal Name):		
Signature:	Date:	

Use additional form(s) for additional inventor(s).

Accionos		
Assignee.		
I authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith.		
I appoint, request, and grant power to the following law firm to insert on this Assignment further identification which may be necessary or desirable in order to comply with the Rules of the USPTO for recordation of this document, for example, the U.S. Serial No. and filing date.  RANKIN, HILL & CLARK LLP, 23755 Lorain Road, Suite 200, North Olmsted, Ohio 44070-2224		
First Inventor (Legal Name): TAKANO Kyoya		
Signature:	Date:	
Second Inventor (Legal Name): FUJISHIMA Minoru		
<b>发</b> 自 声	Nav 11 2621	
Signature: 斯科 与 失	Date:May 11, 2021	
Third Inventor (Legal Name):		
Signature:	Date:	
Fourth Inventor (Legal Name):		
Signature:	Date:	
Fifth Inventor (Legal Name):		
Signature:	Date:	
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Seventh Inventor (Legal Name):	-	
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Eighth Inventor (Legal Name):		
	·	

Use additional form(s) for additional inventor(s).