## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
YASUHIRO HAMAGUCHI	03/30/2007

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Property Type	Number
Application Number:	15873109

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ATTORNEY DOCKET NUMBER:	092885-1074031
NAME OF SUBMITTER:	LUCY KIMSEY
SIGNATURE:	/LUCY KIMSEY/
DATE SIGNED:	01/17/2018

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

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PATENT 504732925 REEL: 045082 FRAME: 0177

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

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### ASSIGNMENT

	Application No. NEW	Filed 4/23/07
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))*** WHEREAS, Yasuhiro HAMAGUCHI	~ \
		ALADAMA AMARANA AMARAN
Insert Title of Invention	(heroinafter designated as the undersigned) has (have) invented certain new and COMMUNICATION METHOD AND RADIO TRANSMITTER	•
	for which an application for Letters Patent of the United States of America hat (except in the case of a provisional application).	is been executed by the undersigned
Insert Date of Signing of Application	on March 30, 2007	; and
Insert Name of Assignee	WHEREAS, Sharp Kabushiki Kaisha	
Insert Address of Assignee	of 22-22. Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 5458	3522 Japan
CHECK BOX F APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designate acquiring the entire right, title and interest in and to said invention and in and granted therefor in the United States of America and  in any foreign countries.	ed as the Assignee) is desirous o to any Letters Patent(s) that may be
: WINGERPACE	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to receipt of which is hereby acknowledged, and other good and valuable considerat assigned and transferred, and by these presents does sell, assign and transfe exclusive right to the said invention in the United States of America, its territories the entire right, title and interest in and to any and all Letters Patent(s) which m States of America, its territories, dependencies and possessions, and if the box foreign countries;	ion, the undersigned has (have) sold or unto said Assigned the full and as, dependencies and possessions and asy be granted therefor in the United
	and to any and all divisions, reissues, continuations, conversions and extensions which the same may be granted	thereof for the full term or terms for

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# ATTORNEY DOCKET NO. 5132-0111PUSI

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 does 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 Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignce 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 Patents 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 <u>March</u> , 35, 2017	Name of Inventor	Yasıhırız Hamazachi (signature) Yasuhiro HAMAGUCHI
Date,	Name of Inventor	(signature)
Date	Name of Inventor	(signature)
Date,	Name of Inventor	(signature)
Date,		(signature)
Date,	Name of Inventor	(signature)
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**RECORDED: 01/17/2018**