504666562 12/01/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHOICHI SUZUKI	12/11/2012
YOSUKE AKIMOTO	12/11/2012

### **RECEIVING PARTY DATA**

Name:	SHARP KABUSHIKI KAISHA	
Street Address:	1 TAKUMI-CHO, SAKAI-KU	
City:	SAKAI CITY, OSAKA	
State/Country:	JAPAN	
Postal Code:	590-8522	

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

Property Type	Number
Application Number:	15828470

### **CORRESPONDENCE DATA**

**Fax Number:** (571)313-7421

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:** 571-313-7440

Email: mrhodes@kbiplaw.com

Correspondent Name: KEATING & BENNETT, LLP

Address Line 1: 1800 ALEXANDER BELL DR.

Address Line 2: SUITE 200

Address Line 4: RESTON, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	70404.3690/HA	
NAME OF SUBMITTER:	/MICHELLE RHODES/	
SIGNATURE:	/AMD/mr/	
DATE SIGNED:	12/01/2017	

**Total Attachments: 1** 

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PATENT 50466562 REEL: 044271 FRAME: 0432

Attorney Docket No.: 70404.1275/fu

## ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Shoichi SUZUKI and Yosuke AKIMOTO (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled MOBILE STATION APPARATUS, BASE STATION APPARATUS, RADIO COMMUNICATION SYSTEM, RADIO COMMUNICATION METHOD, AND INTEGRATED CIRCUIT for which application for Letters Patent of the United States has been

	executed on e	even date herewith	1;		
X	filed on <u>Nov</u>	ember 27, 2012	_ as Serial No	13/700,323	

WHEREAS, Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522, Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefore:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: Deember 11, 2012	Shoichi Suzuki
	Shoichi SUZUKI
Dated: <u>Docember 11,2012</u>	V-sibe Alend
	Yosuke AKIMOTO
Dated:	

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