

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	DAIICHIRO NAKASHIMA	03/10/2014
	WATARU OUCHI	03/10/2014
	SHOICHI SUZUKI	03/10/2014
	KIMIIHIKO IMAMURA	03/11/2014
	YOSUKE AKIMOTO	03/10/2014
	KATSUNARI UEMURA	03/10/2014
	YASUYUKI KATO	03/10/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	Sharp Kabushiki Kaisha	
<b>Street Address:</b>	22-22, Nagaike-cho	
<b>City:</b>	Abeno-ku, Osaka-shi, Osaka	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	545-8522	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14346894
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<b>NAME OF SUBMITTER:</b>	SATOKO SAKIYAMA	
<b>SIGNATURE:</b>	/AMD/ss	
<b>DATE SIGNED:</b>	03/24/2014	

PATENT

**Total Attachments: 2**

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## ASSIGNMENT (WORLDWIDE)

WHEREAS, I, **Daiichiro NAKASHIMA, Wataru OUCHI, Shoichi SUZUKI, Kimihiko IMAMURA, Yosuke AKIMOTO, Shoichi SUZUKI, and Yasuyuki KATO** (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled

MOBILE STATION DEVICE, COMMUNICATION SYSTEM, COMMUNICATION METHOD, AND  
INTEGRATED CIRCUIT

for which application for Letters Patent of the United States has been

x executed on even date herewith;

\_\_\_\_\_ filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_.

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: March 10, 2014

Daichiro Nakashima  
Daichiro NAKASHIMA

Dated: March 10, 2014

Wataru Ouchi  
Wataru OUCHI

Dated: March 10, 2014

Shoichi Suzuki  
Shoichi SUZUKI

Dated: March 11, 2014

Kimihiko Imamura  
Kimihiko IMAMURA

Dated: March 10, 2014

Yosuke Akimoto  
Yosuke AKIMOTO

Dated: March 10, 2014

Katsunari Uemura  
Katsunari UEMURA

Dated: March 10, 2014

Yasuyuki Kato  
Yasuyuki KATO