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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYOKO MATSUO	01/16/2017
TOMOKO ADACHI	01/13/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15392391

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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.

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NAME OF SUBMITTER:	MARY JO BOYCE
SIGNATURE:	/Mary Jo Boyce/
DATE SIGNED:	02/02/2017

Total Attachments: 2

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PATENT 504209413 REEL: 041156 FRAME: 0671

U.S. Rights-Scie or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and

KABUSHIKI KAISHA TOSHIBA

address of

1-1. Shibaura 1-chome, Minato-ku

assignee

Tokyo, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention

WIRELESS COMMUNICATION DEVICE AND WIRELESS COMMUNICATION METHOD

as set forth is	n this United States Pate	nt Application	
check one	executed concurre executed on	ontly herewith	
	🗆 Serial No	filed	
and to any a	and all Letters Patent o	Application including any f the United States which	and all divisions or continuations thereof and in may issue on any such application or for said to be held and enjoyed by said ASSIGNEE, its

successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

...

4813-9264-7188,1

PATENT REEL: 041156 FRAME: 0672 Each of the undersigned hereby grants the firm of FOLEY & LARDNER LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS			
Name: Ryoko MATSUO	Signature: Applyon Matsage-	Date: Jan 16, 20/7	
Name: Tomoko ADACHI	Signature: Formula Andre Ho	Date: Tan 13, 2017	
Name:	Signature:	Date:	
NAMES AND SIGNATURES OF WITNESSES			
Name:	Signature:	Date:	
Name:	Signature:	Date:	

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