

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4418150

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SUN PATENT TRUST	05/09/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GODO KAISHA IP BRIDGE 1
<b>Street Address:</b>	C/O SAKURA SOGO JIMUSHO, 1-11 KANDA-JIMBOCHO, CHIYODA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	101-0051
<b>PROPERTY NUMBERS Total: 14</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7660367
Patent Number:	8467797
Patent Number:	8787275
Patent Number:	8964687
Patent Number:	9136985
Patent Number:	9143192
Patent Number:	9246657
Patent Number:	9391756
Patent Number:	9397809
Patent Number:	9521667
Application Number:	14811442
Application Number:	15186129
Application Number:	15344186
Application Number:	15439159
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)682-6031
<i>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.</i>	
<b>Phone:</b>	206-622-4900
<b>Email:</b>	kathleenr@seedip.com

**Correspondent Name:** SEED INTELLECTUAL PROPERTY LAW GROUP LLP  
**Address Line 1:** 701 5TH AVENUE  
**Address Line 2:** SUITE 5400  
**Address Line 4:** SEATTLE, WASHINGTON 98104

**ATTORNEY DOCKET NUMBER:** 410152.001

**NAME OF SUBMITTER:** SHOKO I. LEEK

**SIGNATURE:** /Shoko Leek/

**DATE SIGNED:** 05/17/2017

**Total Attachments: 4**

source=410152\_001\_Assignments#page1.tif

source=410152\_001\_Assignments#page2.tif

source=410152\_001\_Assignments#page3.tif

source=410152\_001\_Assignments#page4.tif

ASSIGNMENT

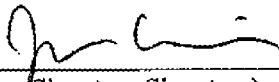
WHEREAS, Sun Patent Trust (hereinafter referred to as ASSIGNOR), a statutory trust of the State of Delaware having a place of business at 450 Lexington Avenue, 38<sup>th</sup> Floor, New York, New York 10017, is the ASSIGNOR of the inventions and patent rights described and claimed in the patent applications and patents listed in Appendix A attached hereto ("Patent Rights");

WHEREAS, Godo Kaisha IP Bridge 1 (hereinafter referred to as ASSIGNEE), a Japanese corporation having a place of business at c/o Sakura Sogo Jimusho, 1-11 Kanda-Jimbocho, Chiyoda-ku, Tokyo 101-0051, Japan, is desirous of acquiring the entire right, title and interest in and to the Patent Rights and in and to any letters patents that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to the Patent Rights and in any and all letters patents that may be granted for said inventions, and in any and all divisions, reissues and continuations thereof, including the right to file applications directly in the name of ASSIGNEE and to claim priority rights deriving from the Patent Rights to which said applications are entitled by virtue of international convention, treaty or otherwise, said inventions, applications and all letters patents on said inventions to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made, including the right to sue and collect damages for past and present infringement of the patent rights. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for letters patents on said inventions, for litigation regarding said letters patents, or for the purpose of protecting title to said inventions or letters patents therefor. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said inventions regarding said letters patents, or for the purpose of protecting title to said inventions or letters patents therefor.

Sun Patent Trust

May 9, 2017  
Date

  
(Signatory Signature) (Assignor)

Joseph Casino  
Managing Trustee  
(Assignor Signatory Name, Title)

Godo Kaisha IP Bridge 1

May 12, 2017  
Date

  
(Signatory Signature) (Assignee)

Shigeharu Yoshii  
Executive Manager, Representative Member IP Bridge,  
Inc.

(Assignee Signatory Name, Title)

**APPENDIX A**

Sun Patent Trust to Godo Kaisha IP Bridge 1

Country	Patent or Application No.	Filing or Issue Date	Title of Patent or Application
US	7660367	02-09-2010	BASE STATION USING A MULTICARRIER COMMUNICATION BAND DIVIDED INTO A PLURALITY OF BLOCKS
US	8467797	06-18-2013	BASE STATION APPARATUS AND COMMUNICATION METHOD FOR MAPPING CONTROL DATA AND USER DATA
US	8787275	07-22-2014	WIRELESS COMMUNICATION BASE STATION EQUIPMENT, WIRELESS COMMUNICATION TERMINAL DEVICE AND SEARCH SPACE SETTING METHOD
US	8964687	02-24-2015	WIRELESS COMMUNICATION BASE STATION EQUIPMENT, WIRELESS COMMUNICATION TERMINAL DEVICE AND SEARCH SPACE SETTING METHOD
US	9136985	09-15-2015	TERMINAL DEVICE AND RETRANSMISSION CONTROL METHOD
US	9143192	09-22-2015	TERMINAL APPARATUS AND COMMUNICATION METHOD FOR RECEIVING CONTROL DATA AND USER DATA
US	9246657	01-26-2016	WIRELESS COMMUNICATION BASE STATION EQUIPMENT, WIRELESS COMMUNICATION TERMINAL DEVICE AND SEARCH SPACE SETTING METHOD

Country	Patent or Application No.	Filing or Issue Date	Title of Patent or Application
US	9391756	07-12-2016	WIRELESS COMMUNICATION BASE STATION EQUIPMENT, WIRELESS COMMUNICATION TERMINAL DEVICE AND SEARCH SPACE SETTING METHOD
US	9397809	07-19-2016	BASE STATION DEVICE AND COMMUNICATION METHOD
US	9521667	12-13-2016	WIRELESS COMMUNICATION BASE STATION EQUIPMENT, WIRELESS COMMUNICATION TERMINAL DEVICE AND SEARCH SPACE SETTING METHOD
US	14/811442	07-28-2015	COMMUNICATION APPARATUS AND COMMUNICATION METHOD
US	15/186129	06-17-2016	BASE STATION DEVICE, TERMINAL DEVICE AND COMMUNICATION METHOD
US	15/344186	11-04-2016	WIRELESS COMMUNICATION BASE STATION EQUIPMENT, WIRELESS COMMUNICATION TERMINAL DEVICE AND SEARCH SPACE SETTING METHOD
US	15/439159	02-22-2017	BASE STATION DEVICE, TERMINAL DEVICE AND COMMUNICATION METHOD

5483316\_1