

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYOCERA CORPORATION	12/26/2015

RECEIVING PARTY DATA

Name:	INTERDIGITAL PATENT HOLDINGS, INC.
Street Address:	200 BELLEVUE PARKWAY
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Postal Code:	19809

PROPERTY NUMBERS Total: 19

Property Type	Number
Patent Number:	7445476
Patent Number:	7526082
Patent Number:	7929278
Patent Number:	7957123
Patent Number:	8040672
Patent Number:	8013652
Patent Number:	8457565
Patent Number:	7446708
Patent Number:	7499691
Patent Number:	7899489
Patent Number:	6987483
Patent Number:	7430436
Patent Number:	7508868
Patent Number:	8170561
Patent Number:	8244267
Patent Number:	7677909
Patent Number:	8207774
Patent Number:	8463202
Patent Number:	8472961

PATENT

CORRESPONDENCE DATA**Fax Number:** (302)798-3766*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:** 302-281-3600**Email:** DOCKETING@INTERDIGITAL.COM**Correspondent Name:** PATENT DOCKETING**Address Line 1:** 200 BELLEVUE PARKWAY, SUITE 300**Address Line 4:** WILMINGTON, DELAWARE 19809**ATTORNEY DOCKET NUMBER:** KYO50430-36; 50437-50444**NAME OF SUBMITTER:** THEODORE NACCARELLA**SIGNATURE:** /Theodore Naccarella/**DATE SIGNED:** 06/17/2016**Total Attachments: 3**

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EXHIBIT B -- ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Kyocera Corporation, a Japanese corporation, having its registered office at 6 Takeda Tobadonocho, Fushimi-ku, Kyoto, Japan 612- 8501 ("Assignor"), does hereby sell, assign, transfer, and convey unto InterDigital Patent Holdings, Inc., a Delaware corporation having a mailing address at 200 Bellevue Parkway, Suite 300, Wilmington, Delaware 19809 ("Assignee"), or its designees, all right, title, and interest in and to any and all of the following (collectively, the "Patent Rights"):

(a) any issued United States patents listed in *Exhibit B1* (the "Patents") and all utility patents and/or utility patent applications (including, but not limited to, all divisional, continuations, continuations-in-part, continuing prosecution applications, reissues, reexaminations, requests for continuing examinations, renewals, and extensions thereof, and any foreign counterparts) that are filed, issued or granted, anywhere in the world, (i) to which the a Patent claims priority, and/or (ii) for which a Patent forms a basis for priority, whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like.

(b) all rights to apply in any or all countries of the world for patents, certificates of invention, or other governmental grants or issuances of any type related to any item in category (a) including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(c) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (a) through (b), including, without limitation, all causes of action and other enforcement rights for (1) damages, (2) injunctive relief, and (3) any other remedies of any kind for past, current, and future infringement; and

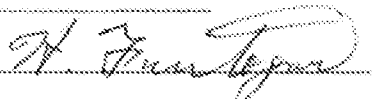
(d) all rights to collect past, current and future royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (a) through (c). For the avoidance of doubt and notwithstanding anything to the contrary herein, any royalty payments pursuant to existing patent licenses, non-assert covenants, covenants not to sue and other similar immunities, as amended from time to time, covering *inter alia* the Assigned Patent Rights in place prior to the Effective Date shall not be assigned or transferred to Assignee, and hereby are retained by the Assignor.

All Assigned Patent Rights shall be and remain subject to all Existing Encumbrances as defined in the concurrently executed Patent Transfer Agreement as well as the licenses and releases set forth in Section 5 of the concurrently executed Patent Transfer Agreement, and Assignee (and its further assignees and successors in interest thereto) shall be and remain bound by such Existing Encumbrances, and the licenses and releases.

Assignor shall, when requested by Assignee and at Assignee's costs, execute all rightful oaths, assignments, and powers of attorney, and all other papers necessary and proper to carry out the intent and purposes of this Assignment of Patent Rights.

Assignor authorizes and requests the Director of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Patents to ASSIGNEE, as ASSIGNEE of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct.

IN TESTIMONY WHEREOF, we have hereunto executed this Assignment this 26 day of December, 2015.

By: 

Printed Name: Hiroshi Funahagawa
Executive Officer, General Manager

Title: of Corporate Communication
Equipment Group

EXHIBIT B1 – ASSIGNED PATENT RIGHTS

No.	US Patent No.	Title of the invention	Issue Date	Priority	Family Patent No.
1	7,445,476	Card for information equipment, and terminal for information equipment	11/4/2008	9/2/2004	US 7677909 JP 4646579 JP 4695185 JP 5455861
2	7,526,062	Portable terminal and opening or closing method therefor	4/28/2009	3/10/2003	JP 4462495
3	7,939,278	Electronic equipment	4/25/2011	1/24/2007	JP 5106868
4	7,957,123	Portable electronic device	6/7/2011	1/30/2007	JP 5364914 JP 5477882
5	8,040,673	Mobile terminal device equipped with display	10/18/2011	3/26/2008	JP 4749360
6	8,013,652	Power amplification device and communication device	9/6/2011	1/30/2008	US 8207774 JP 4714790 JP 5106614
7	8,457,565	Power amplifier circuit, and transmitter and wireless communication device using the same	6/4/2013	9/27/2007	US 8453302 JP 5144671 JP 5144672
8	7,446,708	Multiband monopole antenna with independent radiating elements	11/4/2008	8/26/2002	
9	7,489,651	Systems and methods for selecting an antenna configuration in a mobile communication device	3/3/2009	11/29/2005	
10	7,899,469	Wireless communication device and wireless communication method	3/1/2011	10/30/2006	JP 4781967 JP 4781979 JP 4781980
11	6,997,463	Effectively balanced dipole microstrip antenna	1/17/2006	2/21/2003	
12	7,430,436	Wireless communication device and transmission power control method of its connection request	9/30/2008	3/17/2004	
13	7,508,668	Systems and methods for testing the performance of and simulating a wireless communication device	3/24/2009	12/2/2005	
14	8,170,561	Method and system for performing a handoff in a wireless communication system	5/1/2012	7/26/2006	US 8472961 JP 4819896 JP 5364134
15	8,244,267	Communication method and radio communication terminal	8/14/2012	11/29/2006	JP 4880432