### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KDDI CORPORATION	09/02/2011

# RECEIVING PARTY DATA

Name:	Hitachi, Ltd.
Street Address:	6-6, Marunouchi 1-chome,
Internal Address:	Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	100-8280

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09650795

## **CORRESPONDENCE DATA**

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Correspondent Name: Volpe & Koenig, P.C.
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Address Line 4: Philadelphia, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER: HITACHI15-PT009

NAME OF SUBMITTER: Melissa D. Doogan

Total Attachments: 2

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> PATENT REEL: 026990 FRAME: 0457

CH \$40.00 09650

#### ASSIGNMENT

KDDI	CORPORATION, a	Japanese co	rporation, hav	ving a principa	l place of
business					
at 2-3-2, Nisl	nishinjuku, Shinjuk	ku ku, Tokyo	102-8460 Jap	an	
		, (hereinaft	er referred to	as the Assign	or), is an
owner of the	entire right, title	and interest,	as recorded o	on November 6	, 2003 at
Reel/Frame	Nos.: 014665/0243,	014666/0689	and 014666	7/0707, in the	invention
described and	l claimed in U.S. P	atent Applica	tion No. 09/6	50,795, filed A	ugust 30,
2000 (U.S. Pa	tent No. 6,647,276,	issued Noven	aber 11, 2003)	), and titled:	

### ANTENNA UNIT AND RADIO BASE STATION THEREWITH

WHEREAS, HITACHI, LTD., a Japanese corporation, having a principal place of business 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan (hereafter referred to as the Assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the applications for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty, as well as the right to claim damages for past infringement.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all

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instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The Assignor warrants that the rights and property herein conveyed are free and clear of any encumbrance. The undersigned confirms that they have the right and authority to act on behalf of the Assignor.

EXECUTED under seal on this	20day of_	September	_, 2011
at			
Witness:			
			_(L.S.

KDDI CORPORATION

By:\_\_

General Manager

Title: Intellectual Property Department

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