

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Satoshi MACHIDA	03/17/2009
RECEIVING PARTY DATA	
Name:	Kabushiki Kaisha Toshiba
Street Address:	1-1, Shibaura 1-chome, Minato-ku,
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State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12407134
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	Barbara Villani
Total Attachments: 1 source=09198assi#page1.tif	

OP \$40.00 12407134

500811573

PATENT
REEL: 022419 FRAME: 0734

ASSIGNMENT

U.S. Attorney Docket _____

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in a application for United States patent entitled:

COMMUNICATION APPARATUS

sell and assign to KABUSHIKI KAISHA TOSHIBA

a corporation of Japan

having a business address at 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo 105-8001 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisional reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

SERIAL NO.:

FILING DATE:

Frishauf, Holtz, Goodman & Chick, P.C., 220 Fifth Avenue - 16th Floor, New York, NY 10001-7708.

INVENTOR: SIGNATURE	DATE	ADDRESS
Sign: <i>Satoshi Machida</i> Type: Satoshi MACHIDA	Date: MAR-17, 2009 Witness: <i>Shunroku Tange</i>	Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo 105-8001 Japan
Sign:	Date:	Address:
Type:	Witness:	
Sign:	Date:	Address:
Type:	Witness:	

NOTES: MUST BE DATED.

WITNESS DESIRABLE.

LEGALIZATION NOT REQUIRED

RECORDING OFFICER:

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RECORDED: 03/19/2009

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