PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Naoko ONO	03/16/2011
Toshiya MITOMO	03/16/2011

RECEIVING PARTY DATA

Name:	Kabushiki Kaisha TOSHIBA	
Street Address:	1-1, Shibaura 1-chome, Minato-ku,	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	105-8001	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13052192

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Barbara Villani

Total Attachments: 1

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PATENT REEL: 025987 FRAME: 0832

ASSIGNMENT

In consideration of value received, I, having a 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 an application for United States patent entitled:

COMMUNICATION DEVICE

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/or identified below;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all interna tional 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 a nd 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 Application Number and filing date of said application when known.

APPLICATION NO.:

FILING DATE:

Holtz, Holtz, Goodman & Chick PC 220 Fifth Avenue, 16th Floor, New York, NY 10001-7708 Tel. (212) 319-4900 Fax. (212) 319-5101

Sign: Navko Ono	Date: March 16,2011	Post Office Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan		
Type: Naoko ONO	Witness: L. k. k. a Hiroshi KUMAI			
Sign: Oshiya Mitomo	Date: 16,2011	Post Office Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan		
Type: Toshiya MITOMO	Witness: Ludu Kuar Hiroshi KUMAI			
MUST BE DATED. WITNESS DESIRABLE. LEGALIZATION NOT REQUIRED.				

Holtz, Holtz, Goodman & Chick PC

PATENT REEL: 025987 FRAME: 0833

RECORDED: 03/21/2011