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original documents or copy thereof.

| Name of conveying party(ies): (List using letters or numbers for multiple parties) a. Motohisa Araki b. Kenichi Kitazawa Additional name(s) of conveying party(ies) attached? () Yes (X) No | 2. Name and address of receiving party(ies): Name: KABUSHIKI KAISHA TOSHIBA Internal Address: 1-1, Shibaura 1-chome Minato-ku, Tokyo 105-8001 Japan Additional name(s) of receiving party(ies) attached? () Yes (X) No | | | |
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| Execution Date: (List as in section 1 if multiple signatures) a. February 5, 2007 b. February 5, 2007 | 4. US or PCT Application number(s) or US Patent number(s): (X) Application(s) filed herewith Additional numbers attached? () Yes (X) No | | | |
| Party to whom correspondence concerning document should be mailed: | Total number of applications and patents involved: 1 | | | |
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| Registration No. Total number of pages including cover | 62/28/2807 AAHKADI 88888885 11719775 r sheet, attachme្សាវុទ្ធ <u>រគួជួរ</u> document: 3 <u>48. ពត ពង</u> | | | |
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ASSIGNMENT

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

COMMUNICATION SYSTEM AND SERVER APPARATUS AND TERMINAL APPARATUS

sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, 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 United States patent application:

| (check one) | [X] | executed concurrently herewith | | |
|-------------|-----|--------------------------------|--------------|--|
| ` | | executed on Application No. | ; , filed | |

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes 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 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 proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, 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.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Mr. Vito A. Canuso III Knobbe, Martens, Olson & Bear LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614

PATENT REEL: 019046 FRAME: 0118

ASSIGNMENT

SNG042280-USA-A (06S0694-1)

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REEL: 019046 FRAME: 0119

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