



RM COVER SHEET

U.S. PTO 11/827477 07/12/2007

103428658

Docket No. 07430/LH

7-12-07

PATENTS ONLY

To the Director U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Tosaku TANADA

2. Name and address of receiving party(ies):

KABUSHIKI KAISHA TOSHIBA 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

| TOSHIYA TAMORA | Tokyo, dapan |
|---|---|
| 3. Nature of conveyance: - ASSIGNMENT | |
| Execution Date(s): Both on May 24, 2007, | |
| | , respectively. |
| 4. Application number(s) or patent number(s): | |
| If this document is being filed together with a new a | application, the execution date of the application is as follows: |
| Both on May 24, 2007 , | |
| | ,, respectiv |
| A. Patent Application No. (s) | B. Patent No.(s) |
|)7/13/2007 HLE333 00000037 11827477 | |
|)5 FC:8021 | companies donument about the mature of |
| 5. Name and address of party to whom corresponder | - |
| FRISHAUF, HOLTZ, GOODMAN 8 220 FIFTH AVENUE, 16th Floor New York, New York 10001-77 Fax: (212) 319-5101 | |
| 6. Total number of applications and patents involved: one | - |
| 7. Total fee (37 CFR 3.41): \$ 40.00 | • |
| [X] Credit Card form PTO-2038 enclosed. | |
| [X] Charge Deposit Account No. 06-1378 for any | |
| 8. To the extent not tendered by check, authorization is given | en to charge the Assignment Fee (37 CFR.341) to Account No. 06-1378. |
| 9. Statement and signature: | |
| To the best of my knowledge and belief, the forego | omg information is true and correct and any attached copy is a true copy of the |
| Dated: July 12, 2007 By: Abriert For Lec | Goodman, Reg. No. 17,081 onard Holtz, Reg. No. 22,974 |
| Express Mail" Mailing Label No. EM 090 052 043 U | r s |
| Date of Deposit: <u>July 12, 2007</u> | - United States Doctal Serv |
| I hereby certify that this paper and enclosed applic "Express Mail Post Office Addresses" service under 3 Commissioner for Patents. 16. Box 1450. Alexandria. | eation and fee are being deposited with the United States Postal Servi 37 CFR 1.10 on the date indicated above and is addressed to the . VA 22313-1450. |
| 13. "//llani | |
| | |

PATENT REEL: 019593 FRAME: 0863

Total number of pages comprising cover sheet:

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:

PORTABLE TERMINAL DEVICE

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.

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

PATENT REEL: 019593 FRAME: 0864

ASSIGNMENT

4LG044511·USA·A (07S0399)

[1st Inventor]

Residence Address: Kunitachi-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,

Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Losahu Zanada

May 24.200

Date

Tosaku Tanada

[2nd Inventor]

Residence Address: Kokubunji-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,

Minato ku, Tokyo 105-8001, Japan

Citizenship: Japan

Toshiya Tamura

Toshiya Yamura

may 24. 2007

Date:

PATENT REEL: 019593 FRAME: 0865

RECORDED: 07/12/2007