

03-17-1999



/ER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Y

**To the Honorable Commissioner of**

100985401

he attached original document(s) or copy(ies) ~~otherwise~~

**1. Name of conveying party(ies):**

(1) Eiji UEDA; (2) Toshitaka HANAURA;  
(3) Shinji KAWANO; (4) Futoshi NAKABE

3) 2/99

Additional name(s) of conveying party(ies) attached? No

### 3. Nature of conveyance:

X Assignment                      \_\_\_ Merger  
\_\_\_ Security Agreement        \_\_\_ Change of Name  
\_\_\_ Other \_\_\_\_\_  
Execution Date: January 29, 1999

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

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address:

Street Address: 1006, Oazakadoma, Kadoma-shi,  
Osaka-fu, Japan

City: \_\_\_\_\_, State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached? No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: January 29, 1999

A. Patent Application No.(s)

(s) 09/260055

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WENDEROTH, LIND &amp; PONACK

**Internal Address: Attn: Mr. Jeffrey Nolt**

Street Address: 2033 "K" Street, N.W., Suite 800

City: Washington, State: DC ZIP: 20006

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41) . . . . . \$ 40.00

☒ Enclosed [Check No. 32389  
☐ Authorized to be charged to deposit account

8. Deposit account number: 23-0975

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

**9. Statement and signature.**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael R. Davis, Reg. No. 25,134  
Name of Person Signing

Signature

March 2, 1999  
Date

**Total number of pages including cover sheet, attachments, and document: 3**

~~01/15/1999 MURKIN 00000035 09260055~~

FC:581

20.00 Documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231**

**PATENT**  
**REEL: 9812 FRAME: 0289**

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Eiji UEDA

Toshitaka HANAURA

Insert Name(s)  
of Inventor(s)

Shinji KAWANO

Futoshi NAKABE

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)  
of Assignee(s)

Matsushita Electric Industrial Co., Ltd.

Address

1006, Oazakadoma, Kadoma-shi, Osaka-fu, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of  
Invention

TERMINAL DEVICE

Date of Signing  
of Application

for which an application for patent in the United States has been executed by the undersigned on

Jan 29 1999

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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 United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>Jan 29, 1999</u>	Name of Inventor	<u>Eiji Ueda</u> Eiji UEDA
Date	<u>Jan 29, 1999</u>	Name of Inventor	<u>Toshitaka Hanaura</u> Toshitaka HANAURA
Date	<u>Jan 29, 1999</u>	Name of Inventor	<u>Shinji Kawano</u> Shinji KAWANO
Date	<u>Jun 29, 1999</u>	Name of Inventor	<u>Futoshi Nakabe</u> Futoshi NAKABE
Date	_____	Name of Inventor	_____
Date	_____	Name of Inventor	_____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Junichi Kubota  
Witness Shigehiro Ohtsuy

### ACKNOWLEDGEMENT

\_\_\_\_\_  
\_\_\_\_\_ } ss

This \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me  
personally came the above-named \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL \_\_\_\_\_  
Official Signature  
\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_  
Applicant Reference Number FP-0375 Atty Docket No. \_\_\_\_\_  
Title of Invention TERMINAL DEVICE  
\_\_\_\_\_  
\_\_\_\_\_