

8/21/04

A/D 581-UG

10/505968

DT12 Rec'd PGT/PTO 27 AUG 2004

FORM PTO-1595 (modified)

RECORDATION FORM

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

01-28-2005

To the Honorable Assistant Secretary and Comm
copy(ies) thereof.



Use record the attached original document

1. Name of conveying party(ies):

102928558

Name and address of receiving party(ies):

Masaaki MORIOKA, Yoshitaka ARASE, Tetsuya FUKE and
Wataru TACHIBANA

Name: Matsushita Electric Industrial Co., Ltd.

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

Street Address: 1006, Oaza Kadoma, Kadoma-shi,
Osaka, 571-8501 Japan

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

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

Execution Date: August 20, 2004

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: August 20, 2004

A. Patent Application No.(s)

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 & PONACK, L.L.P.
Attn: Charles R. Watts, Esq.

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

City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). \$ 40.00

Enclosed (Check No. 63733)
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.

Charles R. Watts, Reg. No. 33,142
Name of Person Signing

Signature

August 27, 2004
Date

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information:

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

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

ATTACHMENT E

PATENT

REEL: 016179 FRAME: 0933

ASSIGNMENT

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

Insert Name(s) of Inventor(s) Masaaki MORIOKA, Yoshitaka ARASE,
Tetsuya FUKU and Wataru TACHIBANA

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

Insert Name(s) of Assignee(s) Matsushita Electric Industrial Co., Ltd.
Address of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

Title of Invention (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 COMMUNICATION TERMINAL, POWER SAVE PROCESSING METHOD TO BE PERFORMED BY THE COMMUNICATION TERMINAL, PROGRAM FOR EXECUTING THE METHOD, AND RECORDING MEDIUM CONTAINING THE PROGRAM

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

Date of Signing of Application on August 20, 2004

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, D.C. 20006-1021, 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 August 20, 2004, Name of the Inventor Masaaki Morioka
Masaaki MORIOKA

Date August 20, 2004, Name of the Inventor Yoshitaka Arase
Yoshitaka ARASE

Date August 20, 2004, Name of the Inventor Tetsuya Fuke
Tetsuya FUKU

Date August 20, 2004, Name of the Inventor Wataru Tachibana
Wataru TACHIBANA

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

Date _____, Name of the 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 Yoichi Yamamoto

Witness Masumi Okuno

ACKNOWLEDGMENT

_____ }
_____ } ss

This _____ day of _____, 19____, before me personally came the above-named 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-1667PCT Atty Docket No. _____

Title of Invention COMMUNICATION TERMINAL, POWER SAVE PROCESSING METHOD TO BE PERFORMED BY THE COMMUNICATION TERMINAL, PROGRAM FOR EXECUTING THE METHOD, AND RECORDING MEDIUM CONTAINING THE PROGRAM