



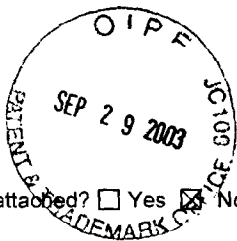
Tab settings ⇨ ⇨ ⇨

To the Honorable Commissioner of Patents, 102568043 Original documents or copy thereof.

1. Name of conveying party(ies):

Toru Matsuura
Hisashi Adachi

9-29-03



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

2. Name and address of receiving party(ies)

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address: _____

Street Address: 1006, Oaza Kadoma, Kadoma-shi

Osaka 571-8501, JAPAN

City: _____ State: _____ Zip: _____

Additional Name(s) & address(es) attached? Yes No

3. Nature of conveyance:

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

Execution Date: 9/4/03; 9/4/03, respectively

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: _____

A. Patent Application No.(s)

10/460,036

B. Patent No.(s)

10/03/2003 RMEBRAHT 00000039 10460036

01 FC:8021

40.00 Additional numbers attached? Yes No

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

Name: Smith, Gambrell & Russell

Internal Address: _____

Street Address: 1850 M Street, N.W.

Suite 800

City: Washington State: DC Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

02-4300

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

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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 A. Makuch

Name of Person Signing

Signature

September 29, 2003

Date

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

Mail documents to be recorded with required cover sheet information to:

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

ASSIGNMENT

This assignment agreement is applicable to an invention entitled:

Data generating method, data generator, and transmitter using the same

The PATENT RIGHTS referred to in this agreement are:

- (check one) a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment. 10/460,036
- U.S. patent application Serial No. 10/460,036, filed June 11, 2003
- a U.S. patent application based on PCT International Application No. filed on (date) _____, U.S. patent application Serial No. _____, if known).
- U.S. patent No. _____, issued _____.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) U.S. patent rights only.
- Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

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

The ASSIGNEE is:

- (check one) An Individual.
- A Partnership.
- A Corporation of Japan (specify state or country)
- (other)

The ASSIGNOR(S), receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:
the full and exclusive right to the invention;

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO
ASSIGNEE: Matsushita Electric Industrial Co., Ltd.
INVENTION TITLE:

Data generating method, data generator, and transmitter using the same

the entire right, title and interest in and to the PATENT RIGHTS;
the right to sue and recover for any past infringement; and,
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions,
based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby
authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to
the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of
said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives,
any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings,
sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and
reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be
issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable
to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said
invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this
application to check any appropriate boxes and to insert the Serial Number and filing date in this
document after it has been executed.

Toru MATSUURA
Name of First Inventor

Toru Matsura
Signature

Date September 4, 2003

Hisashi ADACHI
Name of Second Inventor, if any

Hisashi Adachi
Signature

Date September 4, 2003

Name of Third Inventor, if any

Signature

Date

Name of Fourth Inventor, if any

Signature

Date

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