

08-03-1999

OVER SHEET  
LYU.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner



1. Name of conveying party(

101107581

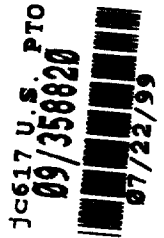
Kenji TAGAWA  
Masataka MINAMI  
Masayuki KOZUKAHandwritten: *Map*  
*7/22/99*

the attached original document(s) or copy(ies) thereof.

ame and address of receiving party(ies):

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO.,  
LTD.Address: 1006, Oaza Kadoma, Kadoma-shi,  
Osaka 571-8501 JapanAdditional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

☒ Assignment  
Security Agreement  
OtherMerger  
Change of NameExecution Date: July 8, 1999Additional 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: July 8, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

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

Name: WENDEROTH, LIND & PONACK, L.L.P.Internal Address: Attn: Mr. Jeffrey NoltonStreet Address: 2033 "K" Street, N.W., Suite 800City: Washington, State: DC ZIP: 200066. Total number of applications and patents involved: 17. Total fee (37 C.F.R. § 3.41). . . . . \$ 40.00☒ Enclosed [Check No. 34241]☐ Authorized to be charged to deposit account8. Deposit account number: 23-0975

(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.*Charles R. Watts, Reg. No. 33,142 for  
Jeffrey Nolton, Reg. No. 25,408  
Name of Person Signing

Signature

July 22, 1999

Date

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

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

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

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

# ASSIGNMENT

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

Kenji TAGAWA, Masataka MINAMI, and Masayuki KOZUKA

**Insert Name(s)  
of Inventor(s)**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

(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**

DIGITAL DATA RECORDING APPARATUS, DIGITAL DATA

RECORDING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM

**Date of Signing  
of Application**

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

July 8, 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 July 8, 1999, Name of Inventor Kenji Tagawa  
Date July 8, 1999, Name of Inventor Masatake Masumi  
Date July 8, 1999, Name of Inventor Masayoshi Kozaka  
Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
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 Kiyohiko Gammeter  
Witness Erich Oskala

## 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 \_\_\_\_\_ Atty Docket No. \_\_\_\_\_  
Title of Invention \_\_\_\_\_  
\_\_\_\_\_