

7/1/04

07-06-2004

RECORDATION  
PATENT

102783493

Please record the attached original documents or copies.

1. Name of conveying party(ies):

Minoru UMESAKO

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

Matsushita Electric Industrial Co., Ltd.  
1006, Oaza Kadoma,  
Kadoma-shi, Osaka 571-8501  
JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other  
☐ Correction of previously recorded document  
Reel      Frame No.

Execution Date: May 10, 2004Additional name(s) & address(es) attached? ☐ Yes ☒ 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:

A. Patent Application No.(s)  
10/817,470

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

John D. Simmons  
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6. Total number of applications/patents involved: 1

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

- ☒ Check enclosed  
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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.*
John D. Simmons  
Name of Person Signing

  
Signature

June 29, 2004  
Date

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

07/02/2004 REGISTRATION 00000062 10017470

01 FC:8021

40.00 UP

Attorney Docket No.: 10407-84US  
Your Ref. No.: A4016MT-US1

SOLE

**ASSIGNMENT**

**WHEREAS, I, Minoru UMESAKO, a citizen of Japan with a post office address 5-41-6, Yurinokidai, Sanda-shi, Hyogo 669-1324 Japan, hereinafter generally referred to as "ASSIGNOR", have invented a certain new and useful**

**信号処理回路  
SIGNAL PROCESSOR**

for which I have executed a United States patent application, Application No. 10/817,470, filed April 2, 2004, and

**ASSIGNOR** authorizes **ASSIGNEE** or **ASSIGNEE's** representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

**WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a Japanese corporation having a place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.**

**NOW, THEREFORE,** in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, I, the undersigned **ASSIGNOR**, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named **ASSIGNEE**, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid consideration ASSIGNOR hereby covenants, agrees and undertakes to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

May 10, 2004  
DATE

Minoru Umesako (Seal)  
Minoru UMESAKO