

11-21-2000



101522908

the attached original document(s)

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

1. Name of conveying party(ies):

Mikio ODA and Tomoe KAWANE

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

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

Name: Matsushita Electric Industrial Co., Ltd.

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

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

3. Nature of conveyance:

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

Execution Date: October 23, 2000

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: October 23, 2000

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

6. Total number of applications and patents involved: 1

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

Enclosed (Check No. 40501)  
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

October 27, 2000  
Date

Total number of pages including cover sheet: 3

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

Do not detach this portion

10/31/2000 NFANAEIA 00000013 09696953

03 FC:581 40.00 DP

Mail documents to be recorded with required cover sheet information:

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

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.

# ASSIGNMENT

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

Mikio ODA

Tomoe KAWANE

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

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

Matsushita Electric Industrial Co., Ltd.

**Insert Name(s)  
of Assignee(s)**

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

**Address**

(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

DEVICE FOR NORMALIZING VOICE PITCH FOR VOICE RECOGNITION

**Title of  
Invention**

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

October 23, 2000

**Date of Signing  
of Application**

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 October 23, 2000, Name of Inventor Mikio ODA  
 Date October 23, 2000, Name of Inventor Tomoe KAWANE  
 Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 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 Deiq Mihim  
 Witness Tabaraun Ushara

### 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-0681 Atty Docket No. \_\_\_\_\_  
 Title of Invention DEVICE FOR NORMALIZING VOICE PITCH FOR VOICE RECOGNITION