

10-30-2001



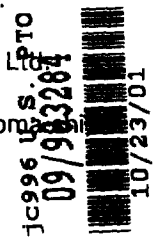
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To the Honorable Assistant Secretary or copy(ies) thereof.

Remarks: Please record the attached original document(s)

1. Name of conveying party(ies): 10/23/01
Takashi KAWAMURA, Takeo KANAMORI and Toshihide ISHIMOTO
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
City: Osaka-fu Country: Japan
Additional name(s) & address(es) attached? No



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: October 17, 2001

4. Application number(s) or patent number(s): 09/983284
If this document is being filed together with a new application, the execution date of the application is: October 17, 2001
A. Patent Application No.(s) NEW, filed October 23, 2001
B. Patent No.(s) _____, issued _____
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
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Authorized to be charged to deposit account
8. Deposit account number: 23-0975
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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 October 23, 2001
Name of Person Signing Signature Date
Total number of pages including cover sheet: 3

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ASSIGNMENT

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

Takashi KAWAMURA

Takeo KANAMORI

Insert Name(s)
of Inventor(s)

Toshihide ISHIMOTO

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

Insert Name(s)
of Assignee(s)

Matsushita Electric Industrial Co., Ltd.

Address

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

ZOOM MICROPHONE DEVICE

Title of
Invention

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

Date of Signing
Application

October 17, 2001

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 17, 2001, Name of Inventor Takashi Kawamura
 Takashi KAWAMURA

Date October 17, 2001, Name of Inventor Takeo Kanamori
 Takeo KANAMORI

Date October 17, 2001, Name of Inventor Toshihide Ishimoto
 Toshihide ISHIMOTO

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 Masayuki Misaki

Witness Mayami Okuno

ACKNOWLEDGMENT

_____ } 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 No. FP-0895 Atty. Docket No. _____

Title of Invention ZOOM MICROPHONE DEVICE