

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kenichi Terai</td> <td>09/14/2005</td> </tr> <tr> <td>Kazutaka Abe</td> <td>09/14/2005</td> </tr> <tr> <td>Isao Kakuhari</td> <td>09/14/2005</td> </tr> <tr> <td>Yasuhito Watanabe</td> <td>09/14/2005</td> </tr> <tr> <td>Gempo Ito</td> <td>09/14/2005</td> </tr> </tbody> </table>		Name	Execution Date	Kenichi Terai	09/14/2005	Kazutaka Abe	09/14/2005	Isao Kakuhari	09/14/2005	Yasuhito Watanabe	09/14/2005	Gempo Ito	09/14/2005
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<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Matsushita Electric Industrial Co., Ltd.												
<b>Street Address:</b>	1006, Oaza Kadoma, Kadoma-shi,												
<b>City:</b>	Osaka												
<b>State/Country:</b>	JAPAN												
<b>Postal Code:</b>	571-8501												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10554595</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10554595								
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<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(202)912-0774												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	2029123800												
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<b>Correspondent Name:</b>	Kenji Kamata												
<b>Address Line 1:</b>	1130 Connecticut Ave., N.W., Suite1100												
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<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20036												
<b>NAME OF SUBMITTER:</b>	Chika Eda												

CH \$40.00 10554595

Total Attachments: 2

**500071934**

**PATENT  
 REEL: 017032 FRAME: 0460**

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source=Assignment 10\_554,595(P35554-01 Wende)#page2.tif

**ASSIGNMENT**

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

Kenichi TERAII, Kazutaka ABE, Isao KAKUHARI, Yasuhito WATANABE and

Insert Name(s)  
of Inventor(s)

Gempo ITO

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

SOUND IMAGE CONTROL DEVICE AND DESIGN TOOL THEREFOR

Date of  
Signing  
of Application

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

on September 14, 2005

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, D.C. 20006-1021, 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.

**PATENT**

**REEL: 017032 FRAME: 0462**

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date September 14, 2005, Name of the Inventor Kenichi Terai

Date September 14, 2005, Name of the Inventor Kayutaka Abe

Date September 14, 2005, Name of the Inventor Isao Nakubari

Date September 14, 2005, Name of the Inventor Yasuhiko Watanabe

Date September 14, 2005, Name of the Inventor Gempo Ito

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of the 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 Atsunobu Inoue

Witness Mayumi Okamoto

**ACKNOWLEDGMENT**

\_\_\_\_\_  
\_\_\_\_\_ } ss

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally came the above-named 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.

\_\_\_\_\_  
Official Signature

\_\_\_\_\_  
Official Title

SEAL

The above application may be more particularly identified as follows:

U.S. Application Serial No. 10/54595 Filing Date \_\_\_\_\_

Applicant Reference Number P35554-01 Atty Docket No. \_\_\_\_\_

Title of Invention \_\_\_\_\_