

04-25-2005

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

102987993

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies)

Takahiro Suzuki  
Masaaki SatouAdditional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

## 3. Nature of Conveyance:

Execution Date(s) March 24, 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Correction of Assignment Recordation  
(previously recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_).  
☐ Other

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

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address: \_\_\_\_\_

Street Address: 1006, Oaza Kadoma,Kadoma-shi.City: Osaka.

State: \_\_\_\_\_

Zip: 571-8501Country: Japan.Additional name(s) & address(es) attached? ☐ YES ☒ NO4. Application or patent number(s): ☒ This document is being filed together with a new application.

A. Patent Application Number(s) \_\_\_\_\_

B. Patent Number(s) \_\_\_\_\_

Additional number(s) attached? ☐ YES ☒ NO

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

Name: Lawrence E. Ashery  
Internal Address: RatnerPrestia

- ☒ Street Address: Suite 301  
One Westlakes  
Berwyn, P.O. Box 980  
City: Valley Forge State: PA ZIP: 19482-0980  
Phone Number: (610) 407-0700  
Fax Number: (610) 407-0701

OR

- ☐ Street Address: Nemours Building  
1007 Orange Street  
Suite 1100, P.O. Box 1596  
City: Wilmington State: DE ZIP: 19899  
Phone Number: (302) 778-2500  
Fax Number: (302) 778-2600

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41): \$ 40.00

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card - Last 4 Numbers 1005  
Expiration Date 03/06b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

## 9. Signature:

Signature

April 14, 2005

Date

Lawrence E. Ashery  
Name of Person Signing34,515  
Registration NumberTotal number of pages including  
cover sheet, attachments and  
documents: 4Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

04/18/2005 EAREGAY1 00000016 11106128

01 FC:1011

300.00 DP

PATENT  
REEL: 016478 FRAME: 0724113014 U.S. PTO  
11/106128

041405

11106128

EAREGAY1 00000016

04/18/2005

40.00 DP

04 FC:8021

ASSIGNMENT - Patent Application		Docket Number: _____
Whereas, the Assignor, comprising the following named inventors:		
ASSIGNOR(s)/ INVENTOR(s)	1. SUZUKI, Takahiro	2. SATOU, Masaaki
	3.	4.
	5.	6.
	7.	8.
	9.	10.
	11.	12.
made an invention entitled: <u>An electronic device</u>		
for which an application for Letters Patent of the United States: (Select one of the following):		
<input type="checkbox"/> is executed concurrently herewith		
<input type="checkbox"/> was filed in the U.S. Patent and Trademark Office on _____ as U.S. Patent Application Serial No.: _____		
ASSIGNEE (Full Name and Address)	Matsushita Electric Industrial Co., Ltd.  1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan	
is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor.		
<p>Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.</p> <p>Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.</p> <p>Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.</p> <p>If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.</p>		

## ASSIGNMENT - Patent Application

Docket Number:

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

Typed or Printed Name

Signature

Date

1. SUZUKI, Takahiro

*Takahiro Suzuki*

3/24/2005

*Masaharu Trushima*

\* 3/24/2005

\* Witness to Assignor #1

2. SATOU, Masaaki

*\* Masaaki Satou*

3/24/2005

*Masaharu Trushima*

3/24/2005

\* Witness to Assignor #2

3.

\_\_\_\_\_

\_\_\_\_\_

\* Witness to Assignor #3

4.

\_\_\_\_\_

\_\_\_\_\_

\* Witness to Assignor #4

5.

\_\_\_\_\_

\_\_\_\_\_

\* Witness to Assignor #5

6.

\_\_\_\_\_

\_\_\_\_\_

\* Witness to Assignor #6

7.

\_\_\_\_\_

\_\_\_\_\_

\* Witness to Assignor #7

SIGNATURE

	Typed or Printed Name	Signature	Date
SIGNATURE	8.	_____	_____
		* Witness to Assignor #8	_____
	9.	_____	_____
		* Witness to Assignor #9	_____
	10.	_____	_____
		* Witness to Assignor #10	_____
	11.	_____	_____
		* Witness to Assignor #11	_____
	12.	_____	_____
		* Witness to Assignor #12	_____

Application for United States Letters Patent	
Serial No.:	_____
Filed:	_____
Attorney Docket Number:	
Total Number of Assignment Pages	3
* Witness signature recommended, mandatory for some countries	