

11-20-2000



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ocket No.: SONY-50N3447.01

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the U.S. Patent and Trademark Office, Assignment Branch, North Tower Building, Suite 10C35, Washington, D.C., 20231, on the below date of deposit.

Date of Deposit:	11/01/00	Name of Person Making the Deposit:	DESIREE CALDWELL	Signature of the Person Making the Deposit:	<i>Desiree Caldwell</i>
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The Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:  
Please record the attached original document(s) or copy(ies) thereof:

Transmittal of an Assignment

1. Name of conveying

party(ies): Hisato Shima, Atsushi Suzuki and Takuya Nishimura  
 Serial No.: 09/585,889 Group Art Unit:  
 Filed: 05/31/00 Examiner:

2. Name and Address of Receiving party(ies) SONY CORPORATION OF JAPAN, 7-35 Kitashingawa 6-Chome,  
 Shinagawa-ku, Tokyo, Japan  
 SONY ELECTRONICS, INC., 1 Sony Drive, Park Ridge, New Jersey,  
 07656

3. Nature of Conveyance: Assignment  
 Execution Date: 10/30/00, 09/06/00, 10/31/00

4. New Patent Application entitled: EXTENDED ELEMENTS AND MECHANISMS FOR DISPLAYING A  
 RICH GRAPHICAL USER INTERFACE IN PANEL SUBUNIT

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

Name: Anthony C. Murabito  
 Address: Wagner, Murabito & Hao LLP  
 Two North Market Street, Third Floor, San Jose, CA 95113  
 Phone: (408) 938-9060

6. Total Number of applications and patents involved: ONE

7. Fee Calculation (for other than a small entity)

Assignment Recordation Fee, per property 1 X \$40.00  
**Total Fees** (37 CFR 3.41) \$40.00  
 X The amount of \$ 40.00 is enclosed

8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.

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.

Name: Anthony C. Murabito  
Reg. No. 35,295

Date: Nov, 2, 2000

**Assignment To SONY Corporation and SONY Electronics, Inc.**

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Hisato Shima

do hereby sell, assign, and transfer unto SONY Corporation and SONY Electronics, Inc. (hereinafter called the Assignees), a Corporation of Delaware and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

EXTENDED ELEMENTS AND MECHANISMS FOR DISPLAYING A RICH GRAPHICAL USER INTERFACE IN PANEL SUBUNIT

filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: 09/585,889 filed on 05/31/00 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of the Assignees, their successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignees, their successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by the Assignees.

I/we further covenant with the Assignees, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: *Hisato Shima* Date: Oct 30, 2000

**Assignment To SONY Corporation and SONY Electronics, Inc.**

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Atsushi Suzuki

do hereby sell, assign, and transfer unto SONY Corporation and SONY Electronics, Inc. (hereinafter called the Assignees), a Corporation of Delaware and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

EXTENDED ELEMENTS AND MECHANISMS FOR DISPLAYING A RICH GRAPHICAL USER INTERFACE IN PANEL SUBUNIT

filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: 09/585,889 filed on 05/31/00 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of the Assignees, their successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignees, their successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by the Assignees.

I/we further covenant with the Assignees, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature:

Atsushi Suzuki

Date:

9/6/00

# Assignment To SONY Corporation and SONY Electronics, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Takuya Nishimura

do hereby sell, assign, and transfer unto SONY Corporation and SONY Electronics, Inc. (hereinafter called the Assignees), a Corporation of Delaware and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

EXTENDED ELEMENTS AND MECHANISMS FOR DISPLAYING A RICH GRAPHICAL USER INTERFACE IN PANEL SUBUNIT

..... filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: 09/585,889 filed on: 05/31/00 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of the Assignees, their successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignees, their successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by the Assignees.

I/we further covenant with the Assignees, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: Takuya Nishimura Date: 10/31/00