

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kouichiro Takashima	09/08/2007
Seiji Muramatsu	11/16/2008
Tsutomu Takahashi	09/08/2008
Shun Kayama	09/08/2008
Yukiko Shimizu `	09/08/2008
Takashi Sawada	09/08/2008
Satoshi Kushima	09/08/2008
Shinji Kanada	09/09/2008
Minoru Tomita	09/08/2008

RECEIVING PARTY DATA

Name:	Sony Corporation
Street Address:	1-7-1 Konan, Minato-Ku
City:	Tokyo 108-0075
State/Country:	JAPAN

Name:	Sony Ericsson Mobile Communications Japan, Inc.
Street Address:	1-8-15 Konan, Minatu-ku
City:	Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12234344

CORRESPONDENCE DATA

Fax Number: (312)827-8185

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

PATENT

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CH \$40.00 12234344

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ATTORNEY DOCKET NUMBER:

112857-1400

NAME OF SUBMITTER:

Thomas C. Basso

Total Attachments: 10

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## ASSIGNMENT

WHEREAS, the undersigned, to wit: Kouichiro Takashima, Seiji Muramatsu, Tsutomu Takahashi, Shun Kayama, Yukiko Shimizu, Takashi Sawada, Satoshi Kushima, Shinji Kanada, and Minoru Tomita (hereinafter "ASSIGNORS"), are the lawful owners of an invention entitled: INPUT DEVICE AND ELECTRONIC APPARATUS for which a patent application of the United States was filed on SEPTEMBER 19, 2008 in the United States Patent and Trademark Office having Application Serial No. 12/234,344 ;

AND WHEREAS, Sony Corporation, a corporation duly organized and existing under the laws of Japan and having its principal office and place of business at 1-7-1 Konan, Minato-ku, Tokyo, 108-0075 Japan, and Sony Ericsson Mobile Communications Japan, Inc., a corporation duly organized and existing under the laws of Japan and having its principal office and place of business at 1-8-15, Konan, Minato-Ku, Tokyo, Japan (hereinafter "ASSIGNEES") desires to acquire the entire right, title, and interest therein;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNORS do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by said ASSIGNORS had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and ASSIGNORS hereby authorize and request the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNORS hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.

ASSIGNORS furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives.

Signature

Kouichiro Takashima  
Name: Kouichiro Takashima

Date Signed

Sep. 8. 2008

Address: c/o Sony Corporation  
1-7-1 Konan, Minato-Ku  
Tokyo, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Mari Okada

Date Signed

November. 19. 2008

Signature

Date Signed

Seiji Muramatsu

November 16, 2008

Name: Seiji Muramatsu

Address: c/o Sony Ericsson Mobile Communications Japan, Inc.  
1-8-15, Konan, Minato-Ku  
Tokyo, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed

Mari Okada

November 19, 2008

Signature

Date Signed

Tsutomu TAKAHASHI  
Name: Tsutomu Takahashi

Sep 8, 2008

Address: c/o Sony Ericsson Mobile Communications Japan, Inc.  
1-8-15, Konan, Minato-Ku  
Tokyo, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed

Mari Okada

November 19, 2008

Signature

SHUN KAYAMA

Name: Shun Kayama

Address: c/o Sony Corporation  
1-7-1 Konan, Minato-Ku  
Tokyo, Japan

Date Signed

Sep 8, 2008

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Mair Okada

Date Signed

November 19, 2008

Signature

Yukiko Shimizu

Name: Yukiko Shimizu

Address: c/o Sony Corporation  
1-7-1 Konan, Minato-Ku  
Tokyo, Japan

Date Signed

Sep. 8, 2008

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Mari Okada

Date Signed

November 19, 2008



Signature

Takashi Sawada  
Name: Takashi Sawada

Date Signed

Sep. 8, 2008

Address: c/o Sony Corporation  
1-7-1 Konan, Minato-Ku  
Tokyo, Japan

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Signature

Mari Okada

Date Signed

November 19, 2008

Signature

Date Signed

Satoshi Kushima  
Name: Satoshi Kushima

Sep. 8. 2008

Address: c/o Sony Ericsson Mobile Communications Japan, Inc.  
1-8-15, Konan, Minato-Ku  
Tokyo, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed

Marin Osada

November 19. 2008

Signature

Shinji Kanada  
Name: Shinji Kanada

Date Signed

Sep. 9. 2008

Address: c/o Sony Ericsson Mobile Communications Japan, Inc.  
1-8-15, Konan, Minato-Ku  
Tokyo, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Mari Okada

Date Signed

November 19. 2008

Signature

Minoru Tomita  
Name: Minoru Tomita

Date Signed

Sep. 8 - 2008

Address: c/o Sony Corporation  
1-7-1 Konan, Minato-Ku  
Tokyo, Japan

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Signature

Mari Okada

Date Signed

November 19, 2008