

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Eriko Matsui	05/19/2008
Haruo Watanabe	05/21/2008
Oliver Harnack	04/30/2008
Nobuyuki Matsuzawa	09/09/2008
Akio Yasuda	05/29/2008
Tadashi Mizutani	09/28/2008
Takae Yamauchi	10/03/2008
Susumu Kitagawa	09/08/2008

RECEIVING PARTY DATA

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

Name:	Sony Deutschland G.m.b.H.
Street Address:	Hugo-Eckener-Strasse 20
City:	Koln
State/Country:	GERMANY
Postal Code:	50829

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10597845

CORRESPONDENCE DATA

Fax Number: (312)827-8185
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

CH \$40.00 10597845

Email: Patents@bellboyd.com
Correspondent Name: Thomas C. Basso
Address Line 1: P.O. Box 1135
Address Line 4: Chicago, ILLINOIS 60690-1135

ATTORNEY DOCKET NUMBER:

113184-0117

NAME OF SUBMITTER:

Thomas C. Basso

Total Attachments: 13

source=113184-117Assignment#page1.tif
source=113184-117Assignment#page2.tif
source=113184-117Assignment#page3.tif
source=113184-117Assignment#page4.tif
source=113184-117Assignment#page5.tif
source=113184-117Assignment#page6.tif
source=113184-117Assignment#page7.tif
source=113184-117Assignment#page8.tif
source=113184-117Assignment#page9.tif
source=113184-117Assignment#page10.tif
source=113184-117Assignment#page11.tif
source=113184-117Assignment#page12.tif
source=113184-117Assignment#page13.tif

ASSIGNMENT

WHEREAS, the undersigned, to wit: Eriko Matsui, Haruo Watanabe, Oliver Harnack, Nobuyuki Matsuzawa, Akio Yasuda, Tadashi Mizutani, Takae Yamauchi and Susumu Kitagawa (hereinafter "ASSIGNORS"), are the lawful owners of an invention entitled: FUNCTIONAL MOLECULAR ELEMENT, for which a patent application of the United States was filed on August 9, 2006 in the United States Patent and Trademark Office having Application Serial No. 10/597,845;

AND WHEREAS, Sony Corporation, a Japanese corporation, having its place of business at 1-7-1 Konan, Minato-ku, Tokyo, Japan and SONY DEUTSCHLAND G.m.b.H., a German corporation, having its place of business at Hugo-Eckener-Strasse 20, Koln 50829 Germany (hereinafter "ASSIGNEES"), desire 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 ASSIGNEES, 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 ASSIGNEES, 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 ASSIGNEES, for its interest as ASSIGNEES, 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 ASSIGNEES, its successors, assigns and legal representatives, when deemed essential to ASSIGNEES', 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 ASSIGNEES, 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 ASSIGNEES, its successors, assigns and legal representatives.

Signature

Eriko Matsui

Name: Eriko Matsui

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

Date Signed

May 19, 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

Haru Yokomise

Date Signed

May 19, 2008

Signature

Haruo Watanabe

Name: Haruo Watanabe

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

Date Signed

May 21, 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

Haru Yokomise
Haru Yokomise

Date Signed

May 21, 2008

Signature

O. Harnack

Name: Oliver Harnack

Date Signed

April 30th 2008

Address: c/o Sony Deutschland G.m.b.H.
Hedelfinger Str. 61
70327 Stuttgart, Germany

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

O. Harnack

Date Signed

April 30th 2008

Signature

Nobuyuki Matsuzawa

Name: Nobuyuki Matsuzawa

Date Signed

Sept. 9, 2008

Address: c/o Sony Deutschland G.m.b.H.
Hedelfinger Str. 61
70327 Stuttgart, Germany

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

Haru Yokomise

Date Signed

September 9, 2008

Signature

Akio Yasuda

Name: Akio Yasuda

Date Signed

May 29, '08

Address: c/o Sony Deutschland G.m.b.H.
Hedelfinger Str. 61
70327 Stuttgart, Germany

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

Haru Yokomise

Haru Yokomise

Date Signed

May 29, 2008

Signature

Tadashi Mizutani

Date Signed

September 28, 2008

Name: Tadashi Mizutani

Address: 5-3-201, Kuzuha-Hanazono-cho, Hirakata-shi
Osaka, 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

Haru Yokomizo

Date Signed

September 28, 2008

Signature

Date Signed

Name: Takae Yamauchi

Address: c/o Sony
35-41, Katsurachiyohara-cho, Nishikyo-ku, Kyoto-shi
Kyoto, 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

Signature

Date Signed

Name: Susumu Kitagawa

Address: c/o Sony
45-19, Kotobuki-cho, Neyagawa-shi
Osaka, 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

ASSIGNMENT

FOR a valuable consideration, the undersigned, residing at

Eriko MATSUI
c/o Sony Corporation
1-7-1, Konan, Minato-ku,
Tokyo 108-0075 Japan

Haruo WATANABE
c/o Sony Corporation
1-7-1, Konan, Minato-ku,
Tokyo 108-0075 Japan

Oliver HARNACK
c/o Sony Deutschland GmbH
Hedelfinger Str. 61
70327 Stuttgart Germany

Nobuyuki MATSUZAWA
c/o Sony Deutschland GmbH
Hedelfinger Str. 61
70327 Stuttgart Germany

Akio YASUDA
c/o Sony Deutschland GmbH
Hedelfinger Str. 61
70327 Stuttgart Germany

Tadashi MIZUTANI
5-3-201, Kuzuha-Hanazono-cho,
Hirakata-shi, Osaka 573-1121 Japan

Takae YAMAUCHI
35-41, Katsurachiyohara-cho,
Nishikyo-ku, Kyoto-shi,
Kyoto 615-8085 Japan

Susumu KITAGAWA
45-19, Kotobuki-cho,
Neyagawa-shi, Osaka
572-0029 Japan

hereby sell, assign and transfer unto SONY CORPORATION, 1-7-1, Konan, Minato-ku, Tokyo 108-0075 Japan, a Japanese corporation, and SONY DEUTSCHLAND GmbH, Hugo-Eckener-Str. 20, 50829 Koln Germany, a German corporation, the whole right, title and interest in and to a certain invention or improvement in

FUNCTIONAL MOLECULAR ELEMENT

disclosed in an application for Letters Patent of the United States, prepared by the firm of Bell, Boyd & Lloyd of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. 113184-117 and in our own records as Case No. SK05PCT00003US, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said SONY CORPORATION, 1-7-1, Konan, Minato-ku, Tokyo 108-0075 Japan, and SONY DEUTSCHLAND GmbH, Hugo-Eckener-Str. 20, 50829 Koln Germany.

For the same consideration, we hereby agree that we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: _____

Eriko MATSUI

DATE: _____

Haruo WATANABE

DATE: _____

Oliver HARNACK

DATE: _____

Nobuyuki MATSUZAWA

DATE: _____

Akio YASUDA

DATE: _____

Tadashi MIZUTANI

DATE: October 3, 2008

Takae Yamauchi

Takae YAMAUCHI

DATE: _____

Susumu KITAGAWA

WITNESSES:

Haru Yokomise

Haru Yokomise

ASSIGNMENT

FOR a valuable consideration, the undersigned, residing at

Eriko MATSUI
c/o Sony Corporation
1-7-1, Konan, Minato-ku,
Tokyo 108-0075 Japan

Haruo WATANABE
c/o Sony Corporation
1-7-1, Konan, Minato-ku,
Tokyo 108-0075 Japan

Oliver HARNACK
c/o Sony Deutschland GmbH
Hedelfinger Str. 61
70327 Stuttgart Germany

Nobuyuki MATSUZAWA
c/o Sony Deutschland GmbH
Hedelfinger Str. 61
70327 Stuttgart Germany

Akio YASUDA
c/o Sony Deutschland GmbH
Hedelfinger Str. 61
70327 Stuttgart Germany

Tadashi MIZUTANI
5-3-201, Kuzuha-Hanazono-cho,
Hirakata-shi, Osaka 573-1121 Japan

Takae YAMAUCHI
35-41, Katsurachiyohara-cho,
Nishikyo-ku, Kyoto-shi,
Kyoto 615-8085 Japan

Susumu KITAGAWA
45-19, Kotobuki-cho,
Neyagawa-shi, Osaka
572-0029 Japan

hereby sell, assign and transfer unto SONY CORPORATION, 1-7-1, Konan, Minato-ku, Tokyo 108-0075 Japan, a Japanese corporation, and SONY DEUTSCHLAND GmbH, Hugo-Eckener-Str. 20, 50829 Koln Germany, a German corporation, the whole right, title and interest in and to a certain invention or improvement in

FUNCTIONAL MOLECULAR ELEMENT

disclosed in an application for Letters Patent of the United States, prepared by the firm of Bell, Boyd & Lloyd of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. 113184-117 and in our own records as Case No. SK05PCT00003US, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said SONY CORPORATION, 1-7-1, Konan, Minato-ku, Tokyo 108-0075 Japan, and SONY DEUTSCHLAND GmbH, Hugo-Eckener-Str. 20, 50829 Koln Germany.

For the same consideration, we hereby agree that we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: _____

Eriko MATSUI

DATE: _____

Haruo WATANABE

DATE: _____

Oliver HARNACK

DATE: _____

Nobuyuki MATSUZAWA

DATE: _____

Akio YASUDA

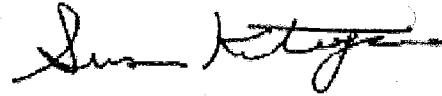
DATE: _____

Tadashi MIZUTANI

DATE: _____

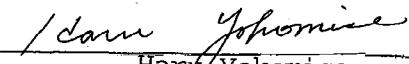
Takae YAMAUCHI

DATE: 08/09/30



Susumu KITAGAWA

WITNESSES:



Haru Yokomise