

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Juan Antonio PEREZ PEREZ	12/16/2010
Miguel Angel PEDROSA DIAZ	12/16/2010
Josep Manel FERREIRO GOMEZ	12/16/2010
<b>RECEIVING PARTY DATA</b>	
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<b>Street Address:</b>	1-7-1 Konan, Minato-ku
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<b>Postal Code:</b>	108-0075
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12967672
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<b>Total Attachments: 1</b> source=373160US8X Assignment#page1.tif	

OP \$40.00 12967672

ASSIGNMENT OF PATENT APPLICATION

(Inventors)

- (1) Juan Antonio PEREZ PEREZ a citizen of Spain of: C/Homer 41 08206 Sabadell Spain
(2) Miguel Angel PEDROSA DIAZ a citizen of Spain of: C/Basses 60 08191 Rubi Spain
(3) Josep Manel FERREIRO GOMEZ a citizen of Spain of: C/Pins 18 08150 Parets Spain

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (5)

SONY CORPORATION Japanese body corporate

(Address) (6) of

1-7-1 Konan Minato-ku Tokyo 108-0075 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) (7)

\_\_\_\_\_ in the invention, and all applications for patent and any Letters Patent which may granted therefor, known as

(Title) (8)

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for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(9) on \_\_\_\_\_ or has already filed in

(10) U.S. appln Serial Number 12/967,672 filed on December 14, 2010

(11) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made

1) The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to 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.

2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of valid United States patent to the Assignee.

3) The undersigned hereby authorize(s) and request(s) the Communication of Patents to issue any and all Letters patent of the United States resulting from said application or any division or divisions or continuing 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.

4) The undersigned hereby grant(s) the firm of Oblon Spivak McClelland Maier & Neustadt LLP the power to insert on this assignment any further identification which may be necessary to desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

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

Date 16-Dec-2010 Signature of Inventor [Signature] (1)

Date 16-Dec-2010 Signature of Inventor [Signature] (2)

Date 16-Dec-2010 Signature of Inventor [Signature] (3)

Witnessed by

Witness [Signature] Date 13 Jan 2011

Witness [Signature] Date 13/1/11