

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jiro Yamada</td> <td>02/20/2012</td> </tr> <tr> <td>Seiichi Yokoyama</td> <td>02/24/2012</td> </tr> <tr> <td>Eiji Hasegawa</td> <td>02/20/2012</td> </tr> <tr> <td>Atsuya Makita</td> <td>02/20/2012</td> </tr> <tr> <td>Masanao Uesugi</td> <td>02/20/2012</td> </tr> <tr> <td>Shoichi Gondo</td> <td>02/24/2012</td> </tr> <tr> <td>Tomoyoshi Ichikawa</td> <td>02/22/2012</td> </tr> <tr> <td>Junichi Yamashita</td> <td>02/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jiro Yamada	02/20/2012	Seiichi Yokoyama	02/24/2012	Eiji Hasegawa	02/20/2012	Atsuya Makita	02/20/2012	Masanao Uesugi	02/20/2012	Shoichi Gondo	02/24/2012	Tomoyoshi Ichikawa	02/22/2012	Junichi Yamashita	02/21/2012
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RECEIVING PARTY DATA																			
Name:	SONY CORPORATION																		
Street Address:	1-7-1 KONAN																		
City:	MINATO-KU, TOKYO																		
State/Country:	JAPAN																		
PROPERTY NUMBERS Total: 1																			
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13409923</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13409923														
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Application Number:	13409923																		
CORRESPONDENCE DATA																			
Fax Number:	(312)827-8185																		
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Email:	chicago.patents@klgates.com																		
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ATTORNEY DOCKET NUMBER:	3712174-02996																		

CH \$40.00 13409923

NAME OF SUBMITTER:

Thomas C. Basso

Total Attachments: 4

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ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in
DISPLAY UNIT AND METHOD OF MANUFACTURING THE SAME

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address:

AND WHEREAS, **SONY CORPORATION, a Japanese corporation, with offices at 1-7-1 Konan, Minato-ku, Tokyo, Japan** (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 13/409,923, Filing Date: March 1, 2012

This assignment executed on the dates indicated below.

JIRO YAMADA

Name of first or sole inventor

KANAGAWA, JAPAN

Residence of First or sole inventor

Jiro Yamada
Signature of first or sole inventor

Execution date of U.S. Patent Application

February 20, 2012
Date of this assignment

SEIICHI YOKOYAMA

Name of second inventor

KANAGAWA, JAPAN

Residence of second inventor

Seichi Yokoyama
Signature of second inventor

Execution date of U.S. Patent Application

February 24, 2012
Date of this assignment

EIJI HASEGAWA

Name of third inventor

KANAGAWA, JAPAN

Residence of third inventor

Eiji Hasegawa
Signature of third inventor

Execution date of U.S. Patent Application

February 20, 2012
Date of this assignment

ADDITIONAL INVENTOR(S)

ATSUYA MAKITA
Name of fourth inventor
KANAGAWA, JAPAN
Residence of fourth inventor
Atsuya Makita
Signature of fourth inventor

Execution date of U.S. Patent Application

February 20, 2012
Date of this assignment

MASANAO UESUGI
Name of fifth inventor
KANAGAWA, JAPAN
Residence of fifth inventor
Masanao Uesugi
Signature of fifth inventor

Execution date of U.S. Patent Application

February 20, 2012
Date of this assignment

SHOICHI GONDO
Name of sixth inventor
NAGASAKI, JAPAN
Residence of sixth inventor

Signature of sixth inventor

Execution date of U.S. Patent Application

Date of this assignment

TOMOYOSHI ICHIKAWA
Name of seventh inventor
KANAGAWA, JAPAN
Residence of seventh inventor
Tomoyoshi Ichikawa
Signature of seventh inventor

Execution date of U.S. Patent Application

Feb 22, 2012
Date of this assignment

JUNICHI YAMASHITA
Name of eighth inventor
TOKYO, JAPAN
Residence of eighth inventor
Junichi Yamashita
Signature of eighth inventor

Execution date of U.S. Patent Application

Feb 21, 2012
Date of this assignment

Name of ninth inventor

Residence of ninth inventor

Signature of ninth inventor

Execution date of U.S. Patent Application

Date of this assignment

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<u>KANAGAWA, JAPAN</u> Residence of First or sole inventor	_____
_____	_____
Signature of first or sole inventor	Date of this assignment
<u>SEIICHI YOKOYAMA</u> Name of second inventor	_____
<u>KANAGAWA, JAPAN</u> Residence of second inventor	_____
_____	_____
Signature of second inventor	Date of this assignment
<u>EIJI HASEGAWA</u> Name of third inventor	_____
<u>KANAGAWA, JAPAN</u> Residence of third inventor	_____
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ADDITIONAL INVENTOR(S)

ATSUYA MAKITA

Name of fourth inventor
KANAGAWA, JAPAN

Residence of fourth inventor

Execution date of U.S. Patent Application

Signature of fourth inventor

Date of this assignment

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KANAGAWA, JAPAN

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Execution date of U.S. Patent Application

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Name of sixth inventor
NAGASAKI, JAPAN

Residence of sixth inventor

Shoichi Gondo
Signature of sixth inventor

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February 24, 2012
Date of this assignment

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Name of seventh inventor
KANAGAWA, JAPAN

Residence of seventh inventor

Execution date of U.S. Patent Application

Signature of seventh inventor

Date of this assignment

JUNICHI YAMASHITA

Name of eighth inventor
TOKYO, JAPAN

Residence of eighth inventor

Execution date of U.S. Patent Application

Signature of eighth inventor

Date of this assignment

Name of ninth inventor

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