

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hiroshi Sagawa</td> <td>09/12/2008</td> </tr> <tr> <td>Takayuki Taneda</td> <td>09/12/2008</td> </tr> <tr> <td>Tetsuro Yamamoto</td> <td>09/22/2008</td> </tr> <tr> <td>Junichi Yamashita</td> <td>09/26/2008</td> </tr> <tr> <td>Katsuhide Uchino</td> <td>09/29/2008</td> </tr> <tr> <td>Yukihito Iida</td> <td>09/29/2008</td> </tr> <tr> <td>Mitsuru Asano</td> <td>09/29/2008</td> </tr> </tbody> </table>		Name	Execution Date	Hiroshi Sagawa	09/12/2008	Takayuki Taneda	09/12/2008	Tetsuro Yamamoto	09/22/2008	Junichi Yamashita	09/26/2008	Katsuhide Uchino	09/29/2008	Yukihito Iida	09/29/2008	Mitsuru Asano	09/29/2008
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RECEIVING PARTY DATA																	
Name:	Sony Corporation																
Street Address:	1-7-1 Konan, Minato-ku																
City:	Tokyo 108-0075																
State/Country:	JAPAN																
PROPERTY NUMBERS Total: 1																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12261613</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12261613												
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Application Number:	12261613																
CORRESPONDENCE DATA																	
Fax Number:	(312)876-7934																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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ATTORNEY DOCKET NUMBER:	09792909-7440																

OP \$40.00 12261613

NAME OF SUBMITTER:

David R. Metzger

Total Attachments: 3

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ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, 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 ACTIVE MATRIX DISPLAY DEVICE

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 referenced 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: 12/261,613, Filing Date: October 30, 2008

This assignment executed on the dates indicated below.

Hiroshi SAGAWA

Name of first or sole inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of first or sole inventor

Hiroshi Sagawa

Sep, 12, 2008

Signature of first or sole inventor

Date of this assignment

Takayuki TANEDA
 Name of second inventor _____ Execution date of U.S. Patent Application _____
Kanagawa, Japan
 Residence of second inventor _____
Takayuki Taneda _____ Sep. 12, 2008
 Signature of second inventor _____ Date of this assignment _____

Tetsuro YAMAMOTO
 Name of third inventor _____ Execution date of U.S. Patent Application _____
Kanagawa, Japan
 Residence of third inventor _____
Tetsuro Yamamoto _____ Sep. 22, 2008
 Signature of third inventor _____ Date of this assignment _____

Junichi YAMASHITA
 Name of fourth inventor _____ Execution date of U.S. Patent Application _____
Tokyo, Japan
 Residence of fourth inventor _____
Junichi Yamashita _____ Sep. 26, 2008
 Signature of fourth inventor _____ Date of this assignment _____

Katsuhide UCHINO
 Name of fifth inventor _____ Execution date of U.S. Patent Application _____
Kanagawa, Japan
 Residence of fifth inventor _____
Katsuhide Uchino _____ Sep. 29, 2008
 Signature of fifth inventor _____ Date of this assignment _____

Yukihito IIDA

Name of sixth inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of sixth inventor

Yukihito Iida
Signature of sixth inventor

Sep 29, 2008

Date of this assignment

Mitsuru ASANO

Name of seventh inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of seventh inventor

Mitsuru Asano
Signature of seventh inventor

Sep. 29, 2008

Date of this assignment

Name of eighth inventor

Execution date of U.S. Patent Application

Residence of eighth inventor

Signature of eighth inventor

Date of this assignment

Name of ninth inventor

Execution date of U.S. Patent Application

Residence of ninth inventor

Signature of ninth inventor

Date of this assignment