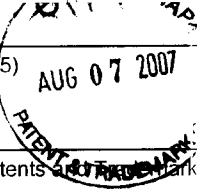


08-10-2007

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 09812.0984
Attorney Customer Number: 22,852



103435930

To the Director of the U.S. Patent and Trademark Office

prints or copy thereof.

8.7.07

1. **Name of conveying parties:**
1. Tetsuji INADA 4. Norimasa FURUKAWA
2. Mitsuyasu ASANO 5. Ichiro MURAKAMI
3. Yoshihiro KATSU
Additional name(s) of conveying party(ies) attached? Yes No

2. **Name and address of receiving party:**
Name: SONY CORPORATION
Internal Address: 1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN

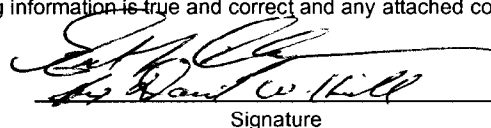
3. **Nature of conveyance/Execution Dates:**
Execution Dates:
1. June 15, 2007 4. June 15, 2007
2. June 15, 2007 5. June 19, 2007
3. June 15, 2007
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

Street Address:
City:
State: Zip Code:
Additional name(s) & Address(es) attached?
 Yes No

4. **Application number(s) or patent number(s):** This document is being filed together with a new application.
A. Patent Application Number(s): 11/756,558
B. Patent Number(s):
Additional numbers attached? Yes No

5. **Name and address of to whom correspondence concerning document should be mailed:**
Name: Mr. Ernest F. Chapman
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.
Street Address: 901 New York Avenue, NW
City: Washington, D.C.
State: Zip: 20001-4413

6. **Total number of applications and registrations involved:** 1
7. **Total fee (37 CFR 3.41):** \$40
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed (Please charge deficiency to deposit account)
 None required (government interest not affecting title)
8. **Payment Information**
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account No.: 06-0916
Authorized User Name _____

8. **Statement and signature.**
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
08/09/2007 DBYRNE 00000012 11756558
01 FC:8021 David W. Hill (40.00 OP)  August 7, 2007
Signature Date
ERNEST F. CHAPMAN
Total number of pages including cover sheet, attachments and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, PO box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

譲渡証書

下欄に氏名を記載した発明者である私 / 私達
(以下譲渡人という)は、

私 / 私達が本譲渡証書と同時にまたは ____年 ____月 ____日に米
国特許証の出願を作成した、または

____年 ____月 ____日に米国特許証の出願をした

(出願番号: _____)、

と題する発明を創出し; また

郵便住所が

である _____

の法人 (以下譲受人という) は、本発明、

本発明の米国特許証の出願、および本出願で

発行される特許証についての全ての権利、権原、

および利益の保護を要求する;

よって、有効な約因により譲受人による受け

取りをここに確認し、譲渡人として私 / 私達

は、譲受人、その適法な承継人および譲受人

に、私 / 私達の本発明、本出願、全ての分割

および継続出願、これらに基づいて付与される

全ての米国特許証および再発行についての全ての権利、

権原および利益を、売却、譲渡、移転および引

き渡した、並びに売却、譲渡、移転およ

び引き渡し; そして私 / 私達は、本譲渡証書の規定

に基づき、米国特許商標庁長官に対し、本発明の

全ての特許証を譲受人、その承継人および譲

受人に発行する権限を与え、請求する;

WHEREAS We, the below named
inventors, (hereinafter referred to as
Assignors), have made an invention
entitled: Display Apparatus and Driving Method Therefor

for which I executed an application for
United States Letters Patent concurrently
herewith or on _____ or filed
an application for United States Letters
Patent on May 31, 2007

(Serial No. 11/756,558); and

WHEREAS,

SONY CORPORATION

a corporation of JAPAN

whose post office address is:

1-7-1 Konan, Minato-ku

Tokyo, Japan

(hereinafter referred to as Assignee), is

desirous of securing the entire right, title,

and interest in and to this invention, the

application for United States Letters Patent on

this invention and the Letters Patent to be

issued upon this application;

NOW THEREFORE, be it known that, for
good and valuable consideration the receipt

of which from Assignee is hereby

acknowledged, I, as Assignor, have

sold, assigned, transferred, and set over, and

do hereby sell, assign, transfer, and set over

unto the Assignee, its successors and

assigns, my/our entire right, title, and

interest to this invention, and this

application, and all divisions, and

continuations thereof, and all Letters Patent

of the United States which may be granted

thereon, and all reissues thereof; and I

hereby authorize and request the

Commissioner of Patents and Trademarks of

8 / ; 0367483552 ; FINNEGAN ; 07-06-21; 11:23 ;

また、私 / 私達は、米国での本発明の適切な特許保護を獲得し、執行するため、さらなる約因なしに、私 / 私達が本発明に関して知るかくなる事実も譲受人、その承継人および譲受人に連絡し、またいかなる法的手続において証言し、要求された場合には全ての法的書類に署名し、本発明の権原を前記譲受人、その承継人および譲受人で完成するために必要または好ましい全ての書類を作成かつ引渡し、全ての分割、継続、及び再発行出願を作成し、あらゆる正当な宣誓を行い、また譲受人、その承継人および譲受人を援助するために可能な全てを行うことを約束し、同意し、そのような書類の作成に付随するいかなる費用も譲受人、その承継人および譲受人が負うものとする。

また、私 / 私達は、本出願の宣誓書および委任状により委任権を付与した弁護士に対し、出願日および出願番号を、それらが明らかになった時点で以下の括弧内 (出願番号 : _____、出願日 : _____) に挿入する権限を与え、請求する。

the United States to issue all Letters patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I HEREBY authorize and request the attorneys I have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 11/756,558 filed May 31, 2007) the filing date and application number of said application when known.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.
WASHINGTON, D.C.

この証書にて、私私達は署名した。

IN TESTIMONY WHEREOF, I have
hereunto set our hand(s).

唯一または第1譲渡人の氏名	Full Name of Sole or First Assignor Tetsuji IWADA
譲渡人の署名	Assignor's Signature <i>Tetsuji Iwada</i>
日付	Date <i>June 15, 2007</i>
住所	Address c/o SONY CORPORATION 1-7-1 Konan, Minato-ku Tokyo, Japan
国籍	Citizenship JAPAN

第2譲渡人の氏名	Full Name of Second Assignor Mitsuyasu ASANO
譲渡人の署名	Assignor's Signature <i>Mitsuyasu Asano</i>
日付	Date <i>June 15, 2007</i>
住所	Address c/o SONY CORPORATION 1-7-1 Konan, Minato-ku Tokyo, Japan
国籍	Citizenship JAPAN

第3譲渡人の氏名	Full Name of Third Assignor Yoshihiro KATSU
譲渡人の署名	Assignor's Signature <i>Yoshihiro Katsu</i>
日付	Date <i>June 15, 2007</i>
住所	Address c/o SONY CORPORATION 1-7-1 Konan, Minato-ku Tokyo, Japan
国籍	Citizenship JAPAN

11 / 11

; 0367483552

FINNEGAN

07-06-21; 11:23 ;

第4譲渡人の氏名	Full Name of Fourth Assignor Morimasa FURUKAWA	
譲渡人の署名	日付	Assignor's Signature Date <i>Morimasa Furukawa</i> June 15, 2007
住所	Address c/o SONY CORPORATION 1-7-1 Konan, Minato-ku Tokyo, Japan	
国籍	Citizenship JAPAN	

第5譲渡人の氏名	Full Name of Fifth Assignor Ichiro MURAKAMI	
譲渡人の署名	日付	Assignor's Signature Date <i>Ichiro Murakami</i> June 19 2007
住所	Address c/o SONY CORPORATION 1-7-1 Konan, Minato-ku Tokyo, Japan	
国籍	Citizenship JAPAN	