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PATENTS ONLY

Our Ref. 829-49

Commissioner of Patents and Trademarks	о 🖷	
Bex Assignment, Washington, D.C. 20231	<u> </u>	
To the Honorable Commissioner of Patents and Trademarks: Plea		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Yasuhiro Kume Masato Imai	20.0	
Kenji Hamada Kazuyuki Endo	Name: SHARP KABUSHIKI KAISHA	
Masahiko Kondo	Internal Address:	
Takashi Kurihara	Street Address: 22-22, Nagaike-cho	
	Abenu-ku	
Additional name/s of conveying party/ies attached?		
3 Nature of conveyance:	City: Osaka	
☐ Assignment ☐ Merger	State/Country: Japan	
Security Assignment	Zip: <u>545-8522</u>	
Other		
Execution Date: December 8, 1998	Additional name/s & address/ is attached? \(\sqrt{Y}\) Yes \(\sqrt{N}\) No	
	19×47	
4 Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution da	nte of the application is: December 8, 1998	
	D. D (M.C.)	
A. Patent Application No(s).	B. Patent No(s).	
(1)	(1)	
(2)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Additional numbers att		
5 Name and address of party to whom correspondence	6. Total number of applications & patents involved: 1	
concerning document should be mailed:	o. Total hander of applications of patents involved.	
concerning document should be maned.	7. Total fee (37 CFR 3.41) \$ 40.00	
Name H. Warren Burnam, Jr.	Enclosed	
11. Warten Burnam, 31	Authorized to be charged to deposit account #14-1140	
Internal Address:		
Internal Padress.	8. The Commissioner is hereby authorized to charge any	
Sirect Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which	
1100 North Glebe Road	should have been filed herewith (or with any paper thereafter	
8 th Floor	filed in this application by this firm) to our Account No.	
City: Arlington State: VA Zip 22201	14-1140.	
City. Attrigion. State. VI. Zip. 22201	14-114-7.	
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9. Statements and signature.		
To the best of my knowledge and belief, the foregoing information	tion is true and correct and any attached copy is a true copy	
of the original document.	, and the second	
H. Warren Burnam, Jr. H. H. Warren Burnam, Jr.	December 23, 1998 Date	
Name of Person Signing Sign	nature Date	
Reg. No 29.366	J	
Total number of pages including original cover sheet, attachments, and document [5]		

RECORDATION FORM COVER SHEET

PATENTS ONLY

Our Ref. 829-49

Commissioner of Patents and Trademarks		
Box Assignment, Washington, D.C. 20231		a
1 Name of conveying party(ies):		JC511 U.S. 09/21984
2 Name:Sony Corporation Street Address: 7-35. Kitashinagawa 6-chom City Tokyo State Japan Cip: 141-0001	ne, Shinagawa-ku	
4 Application number(s) or patent number(s):		
A. Patent Application No(s). (4) (5) (6) (7) (8) (9)	B. Patent No(s). (4) (5) (6) (7) (8) (9)	

ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named
inventor(s):

- 1. Yasuhiro KUME; 1-36-21-2, Shichijo, Nara-shi, Nara-ken Japan
- 2. Kenji HAMADA; LIME 47-302, 47-13, Hisajiri, Izumi-cho, Toki-shi, Gifu-ken Japan
- 3. Masahiko KONDO; 3-1-38-302, Kataokadai, Kanmaki-cho, Kitakatsuragi-gun, Nara-ken Japan
- 4. Takashi KURIHARA; Hapiogumento 4C, 1-49-1,
 Taihei-cho, Tajimi-shi, Gifu-ken
 Japan
- 5. Masato IMAI; c/o SONY CORPORATION, 7-35,
 Kitashinagawa 6-chome, Shinagawa-ku,
 Tokyo Japan
- 6. Kazuyuki ENDO; c/o SONY CORPORATION, 7-35,
 Kitashinagawa 6-chome, Shinagawa-ku,
 Tokyo Japan

has invented and owns a certain invention entitled:

LIQUID CRYSTAL DISPLAY DEVICE

for which application for Letters Patent of the United States was executed on even date herewith, and

WHEREAS, the ASSIGNEE, comprising the following:

SHARP KABUSHIKI KAISHA 22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan

SONY CORPORATION
7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001 Japan

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is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Fatent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants 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 as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 8th day of December , 1998.

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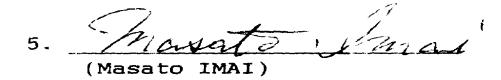


3. Mosahiko KONDO)

4. Tukashi KURIHARA

(Takashi KURIHARA)

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6. Kazuyuki Endo (Kazuyuki ENDO)

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RECORDED: 12/23/1998