

09/857398

JCO3 Rec'd PCT/JP 31 MAY 2001

Docket No.: 70551-55879

A 1058 HXO

07-17-2001



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RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Of

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Masafumi Yamanoue
Masashi Hirosawa
MRIS
5-31.01
Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: Sharp Kabushiki Kaisha
Address: 22-22, Nagaike-cho
Abeno-ku
City: Osaka-shi State/Prov.: _____
Country: JAPAN ZIP: _____
Additional name(s) & address(es) Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: March 15 and March 16, 2001, respectively

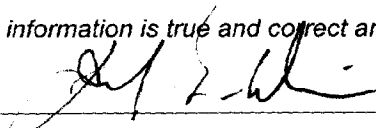
4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is: 3/15 and 3/16, 2001
Patent Application No. 09857398 Filing date _____
06/07/2001 MNGUYEN 00000178 09857398
02 FC:581 40.00 DP
Additional numbers Yes No

B. Patent No.(s) _____
 Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: David G. Conlin
Registration No. 27026
Address: Dike, Bronstein, Roberts & Cushman
Intellectual Property Practice Group - Edwards & Angell
P.O. Box 9169
City: Boston State/Prov.: MA
Country: _____ ZIP: 02209

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41):.....\$ 40.00
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account
8. Deposit account number: 04-1105

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9. 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.
David G. Conlin  May 30, 2001
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and 3

ATTORNEY DOCKET NO.

ASSIGNMENT

Application No. _____

Filed _____

**Insert Name(s)
of Inventor(s)** ➡

WHEREAS, Masashi HIROSAWA and Masafumi YAMANOUE

**Insert Title
of Invention** ➡

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

IMAGE DISPLAY DEVICE

**Insert Date
of Signing of
Application** ➡

for which an application for Letters Patent of the United States of America has been executed by the undersigned under 35 U.S.C. 371 resulting from the International Application No. PCT/JP99/06561; filed November 25, 1999

on March 15, 2001 and March 16, 2001 ; and

**Insert Name
of Assignee** ➡

WHEREAS, Sharp Kabushiki Kaisha

**Insert Address
of Assignee** ➡

of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, Japan

**CHECK BOX
IF APPROPRIATE** ➡

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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.

The undersigned hereby grant(s) the law firm of Dike, Bronstein, Robert & Cushman the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Date _____	Name of Inventor _____ (signature)
Date <u>March 15, 2001</u>	Name of Inventor <u>Masafumi Yamanoue</u> (signature) Masafumi YAMANOUE
Date <u>March 16, 2002</u>	Name of Inventor <u>Masashi Hirose</u> (signature) Masashi HIROSE
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)