

A/P 581.40

10/381865  
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Form PTO-1595 (Rev. 10/02)		REC	08-18-2003	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
OMB No. 0651-0027 (exp. 6/30/2005)		Tab settings $\Rightarrow \Rightarrow \Rightarrow$ $\nabla$		original documents or copy thereof.	
To the Honorable Commissioner of Pat		102527629			
1. Name of conveying party(ies): Yoshimitsu ISHIKAWA Takehisa YAMAGUCHI Ken NAKASHIMA		2. Name and address of receiving party(ies) Name: ADVANCED DISPLAY INC. Internal Address: _____ Street Address: 997, Miyoshi, Nishigoshi- machi, Kikuchi-gun, Kumamoto 861-1198 JAPAN City: _____ State: _____ Zip: _____			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		Execution Date: 3/19/2003			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 3/19/03 A. Patent Application No.(s) _____ B. Patent No.(s) 10381865					
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Milton Oliver Internal Address: WARE, FRESSOLA, VAN DER SLUYS & ADOLPHSON LLP Street Address: Bradford Green, Building Five 755 Main Street, P.O. Box 224 City: Monroe State: CT Zip: 06468			6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account for any fee deficiency		
8. Deposit account number: 23-0442					
<b>DO NOT USE THIS SPACE</b>					
9. Signature. Milton Oliver Name of Person Signing		Milton Oliver Signature		3/27/2003 Date	
Total number of pages including cover sheet, attachments, and documents: 4					

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
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PATENT  
REEL: 014385 FRAME: 0495

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
 U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS** (Inventors):

Yoshimitsu ISHIKAWA  
*(type or print name of inventors)*

c/o ADVANCED DISPLAY INC., 997,  
Miyoshi, Nishigoshi-machi, Kikuchi-gun,  
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Takehisa YAMAGUCHI

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Japanese

Ken NAKASHIMA

c/o ADVANCED DISPLAY INC., 997,  
Miyoshi, Nishigoshi-machi, Kikuchi-gun,  
Kumamoto 861-1198 Japan

Japanese

hereby sells, assigns and transfers to

ASSIGNEE:

ADVANCED DISPLAY INC.  
(type or print name of ASSIGNEE)  
Japan  
Nationality

997, Miyoshi, Nishigoshi-machi,  
Kikuchi-gun, Kumamoto 861-1198 Japan  
Address

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest  
 an undivided \_\_\_\_\_ percent ( \_\_\_\_ %) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- and in all foreign countries, including all rights to claim priority

in and to any and all improvements which are disclosed in the invention entitled:

THIN FILM PATTERNING METHOD, TFT ARRAY SUBSTRATE USING THE  
SAME AND MANUFACTURING METHOD THEREOF

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

- (a)  U.S. patent application executed on even date herewith  
(b)  U.S. patent application executed on \_\_\_\_\_  
(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention  
 Express mail label no.: \_\_\_\_\_  
Mailed: \_\_\_\_\_  
 To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (d)  U.S. application no. \_\_\_\_\_ / \_\_\_\_\_ filed on \_\_\_\_\_  
(e)  International application no. PCT \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_  
(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(check (g), if foreign application(s) is also being assigned)

- (g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

(Assignment of Invention—Multiple Inventors [16-3.2]—page 2 of 3)

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this March 19, 2003  
Date of signing

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Yoshimitsu ISHIKAWA  
(type name of Inventor)

Yoshimitsu Ishikawa  
Signature of INVENTOR

Takehisa YAMAGUCHI

Takehisa Yamaguchi

Ken NAKASHIMA

Ken Nakashima

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Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

(Assignment of Invention—Multiple Inventors [16-3.2]—page 3 of 3)