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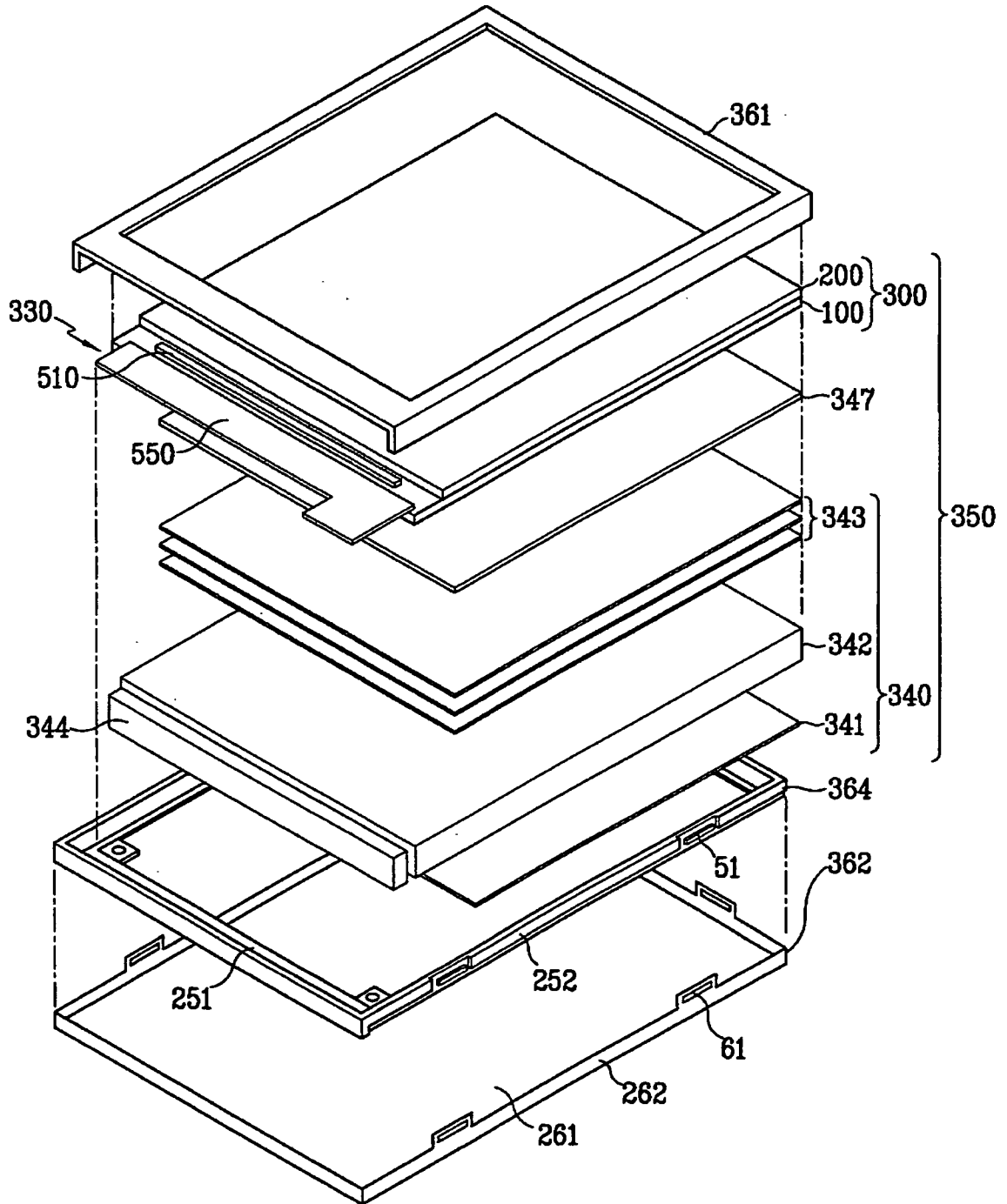
(54) **Thin film transistor panel and liquid crystal display using the same**

(57) An LCD device includes a transmissive LCD panel assembly, a backlight assembly for supplying light to the LCD panel assembly, and a selective reflection film provided between the backlight assembly and the

LCD panel assembly. A display region of the LCD has a low-resolution area and a high-resolution area, and a pixel formed in the low-resolution area that is larger than a pixel formed in the high-resolution area.

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FIG. 1





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 12 February 2007	Examiner Gill, Richard
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
9	Place of search The Hague	Date of completion of the search 12 February 2007	Examiner Gill, Richard
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-8

LCD with high resolution area and low resolution area, wherein a pixel formed in the low resolution area is larger than a pixel resolution in the high resolution area, and further comprising
 a transmissive LCD panel assembly;
 a backlight assembly;
 a selective reflection film provided between the backlight assembly and the LCD panel assembly

2. claims: 9-13

a LCD device with a low-resolution area and a high-resolution area, wherein a pixel formed in the low-resolution area is larger than a pixel in the high-resolution area, the LCD device further comprising:
 a backlight assembly for supplying light to the LCD panel assembly;
 a transfective LCD panel assembly;

3. claims: 14-20

a LCD device with a low-resolution area and a high-resolution area, wherein a pixel formed in the low-resolution area is larger than a pixel in the high-resolution area,
 and at least a part of the low-resolution area exhibits only one colour

4. claims: 21-25

a LCD device with a low-resolution area and a high-resolution area, wherein the low-resolution area includes a plurality of first gate lines and a plurality of first data lines, and the high-resolution area includes a plurality of second gate lines and a plurality of second data lines, wherein a pixel formed in the low-resolution area is larger than a pixel formed in the high-resolution area, and wherein each of the first data lines extends in a length direction of the low-resolution area.

5. claims: 26-36



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

a display device comprising a display part that is divided into a plurality of display regions;
a plurality of light source parts, each including a light source for supplying light to a corresponding display region; and
a light source controller for controlling a supply of voltage to the light source parts to control operation of the light source parts in response to control signals applied from an exterior device.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 02 6359

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

12-02-2007

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专利名称(译)	薄膜晶体管面板和使用它的液晶显示器		
公开(公告)号	EP1672411A3	公开(公告)日	2007-03-21
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IPC分类号	G02F1/1335 G02F1/1333 G02F1/13357 G02F1/1362 G02F1/1343		
CPC分类号	G02F1/1333 G02F1/133514 G02F1/133555 G02F1/133615 G02F1/13439 G02F1/136286 G02F2001/133317 G02F2001/133391		
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摘要(译)

LCD装置包括透射LCD面板组件，用于向LCD面板组件提供光的背光组件，以及设置在背光组件和LCD面板组件之间的选择性反射膜。LCD的显示区域具有低分辨率区域和高分辨率区域，以及形成在低分辨率区域中的像素，该像素大于在高分辨率区域中形成的像素。

FIG. 1

