



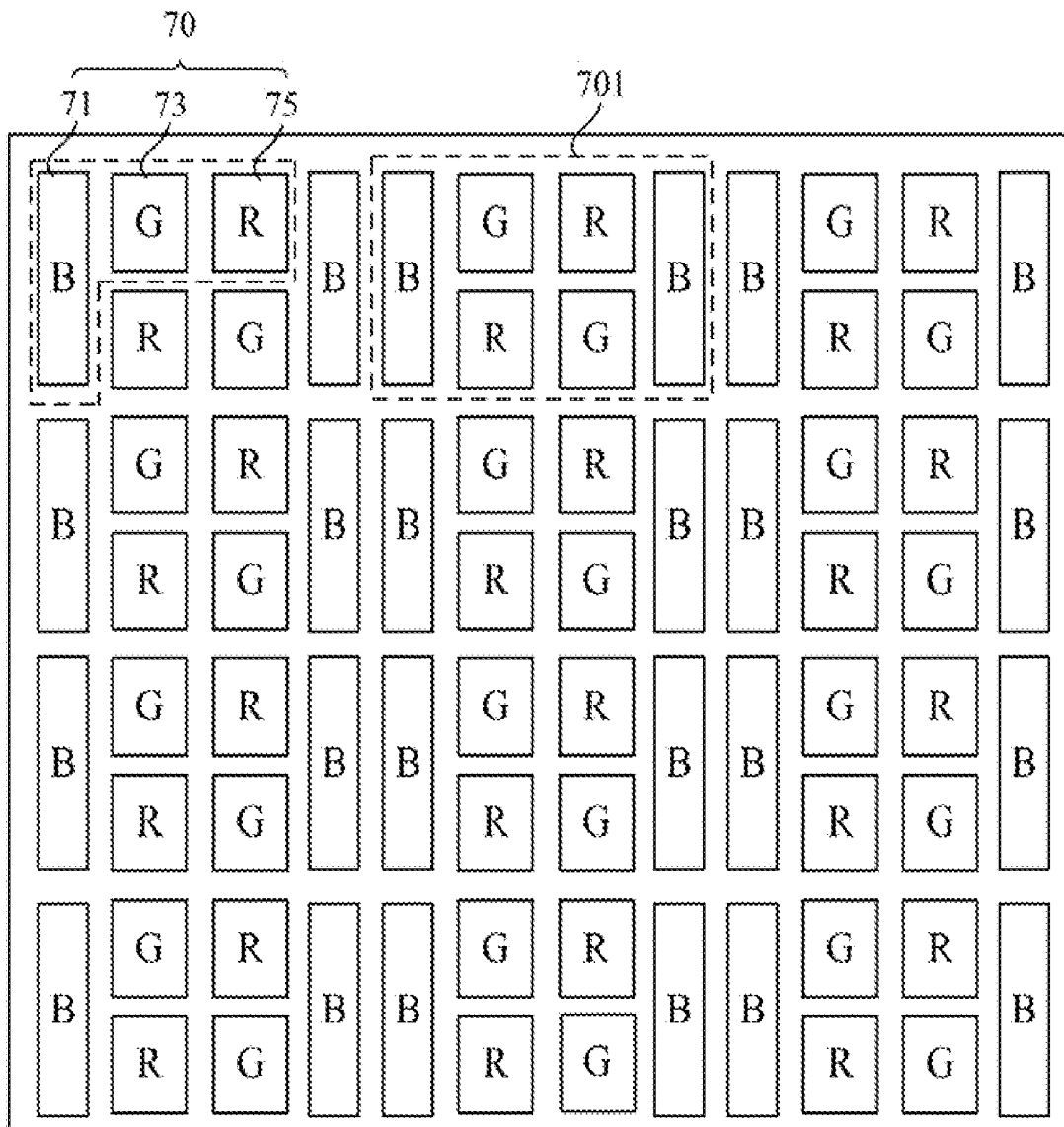
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CHIEN et al.(10) **Pub. No.: US 2016/0284769 A1**(43) **Pub. Date: Sep. 29, 2016**(54) **STRUCTURE OF PIXEL**(52) **U.S. CL.**CPC *H01L 27/3218* (2013.01); *H01L 27/3216*
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Taipei (TW)(21) Appl. No.: **14/718,912**(22) Filed: **May 21, 2015**(30) **Foreign Application Priority Data**

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H01L 27/32 (2006.01)(57) **ABSTRACT**

A pixel structure in an organic light emitting display panel includes a plurality of pixels. Each pixel includes a first sub-pixel, a second sub-pixel, and a third sub-pixel. Lengths of the first sub-pixel, the second sub-pixel, and the third sub-pixel are arranged along a first direction. Widths of the first sub-pixel, the second sub-pixel, and the third sub-pixel is arranged along a second direction. A length of the first sub-pixel is greater than a length of the second sub-pixel along the first direction and a length of the third sub-pixel along the first direction. The first sub-pixel, the second sub-pixel, and the third sub-pixel are orderly arranged along the second direction.



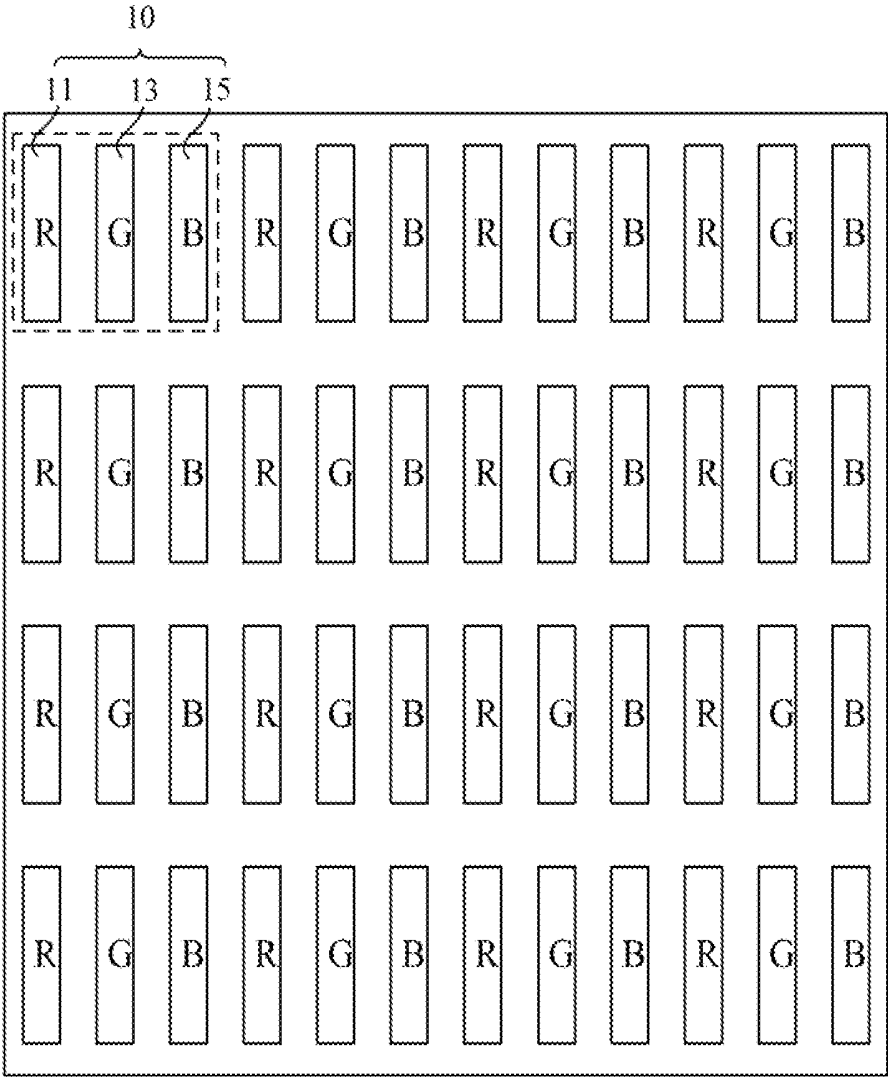


FIG. 1 (RELATED ART)

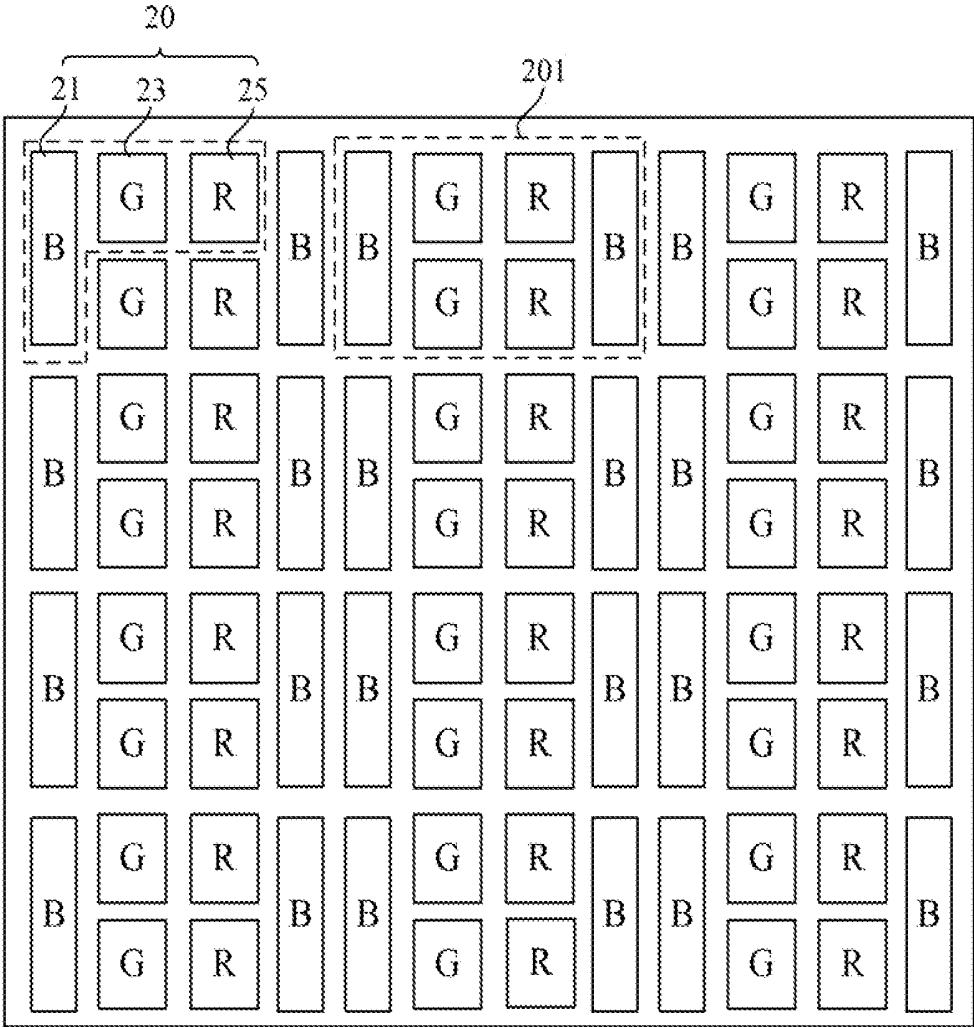


FIG. 2

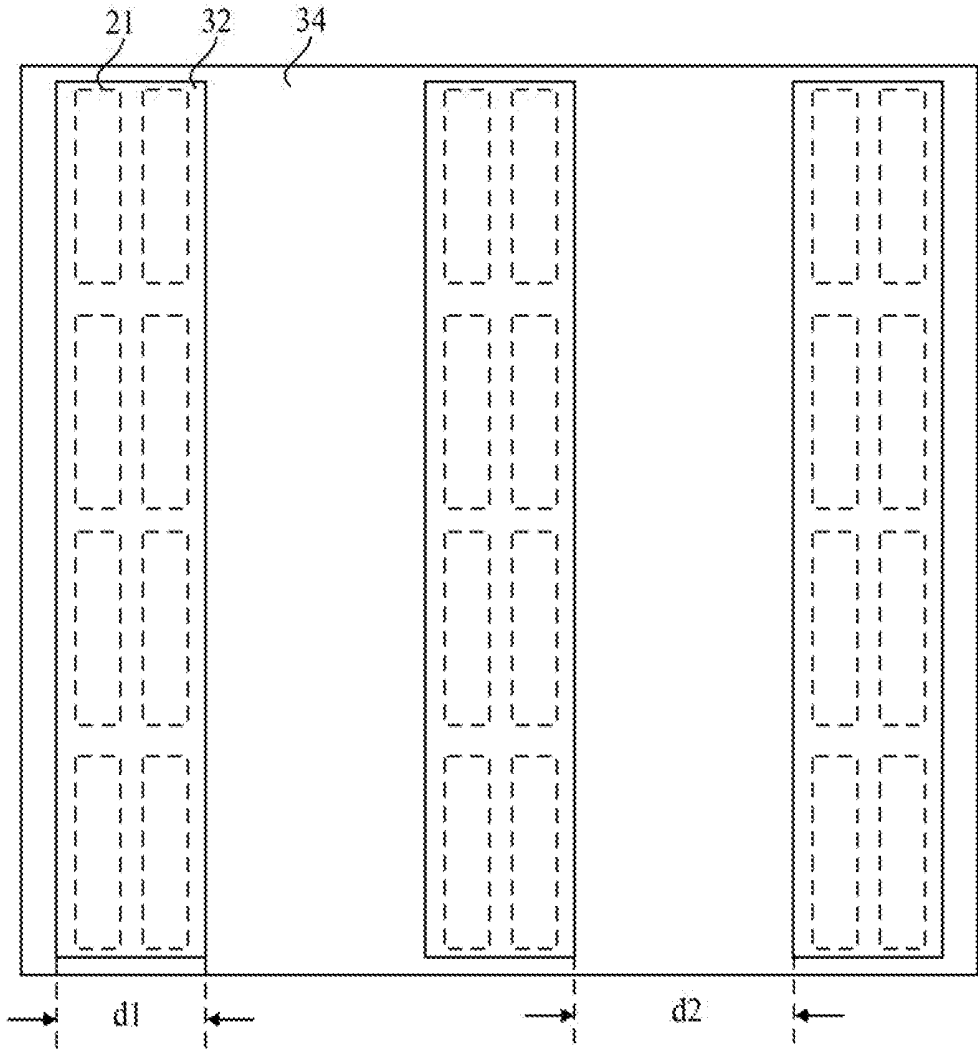


FIG. 3

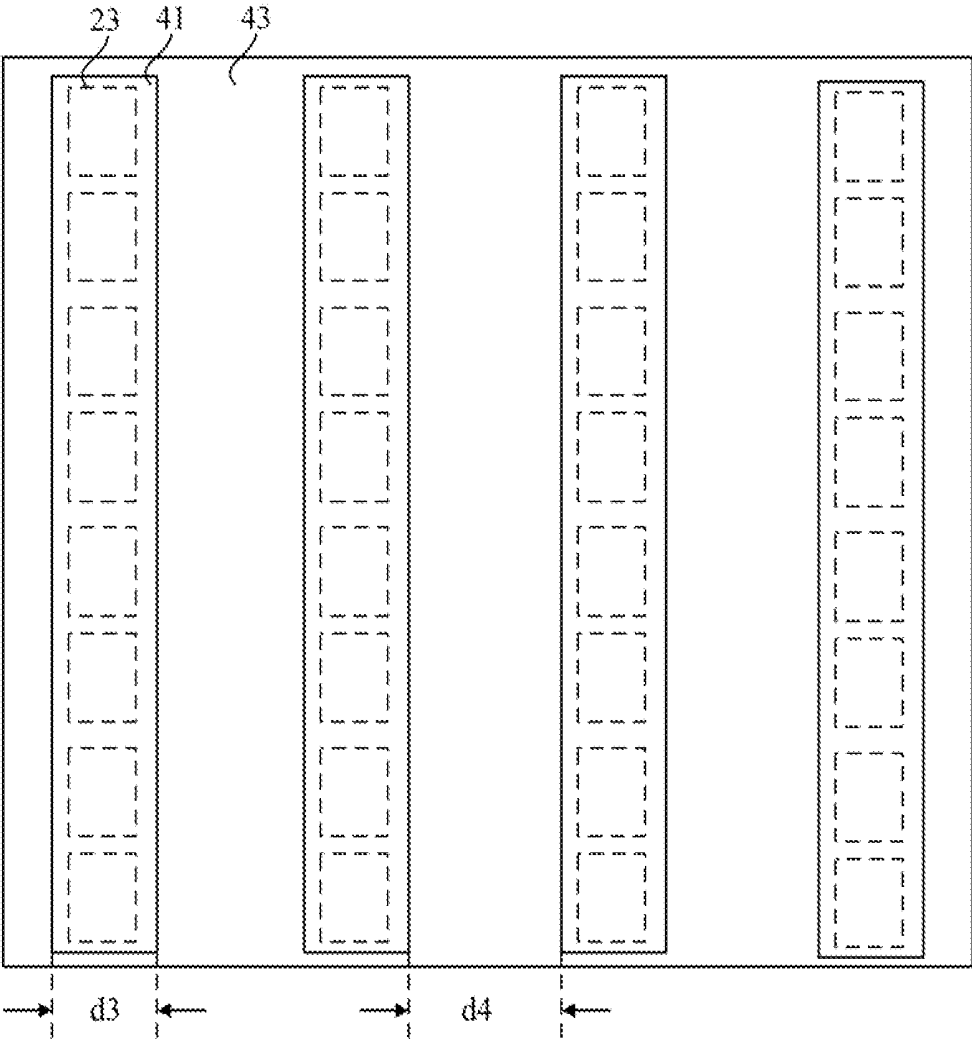


FIG. 4

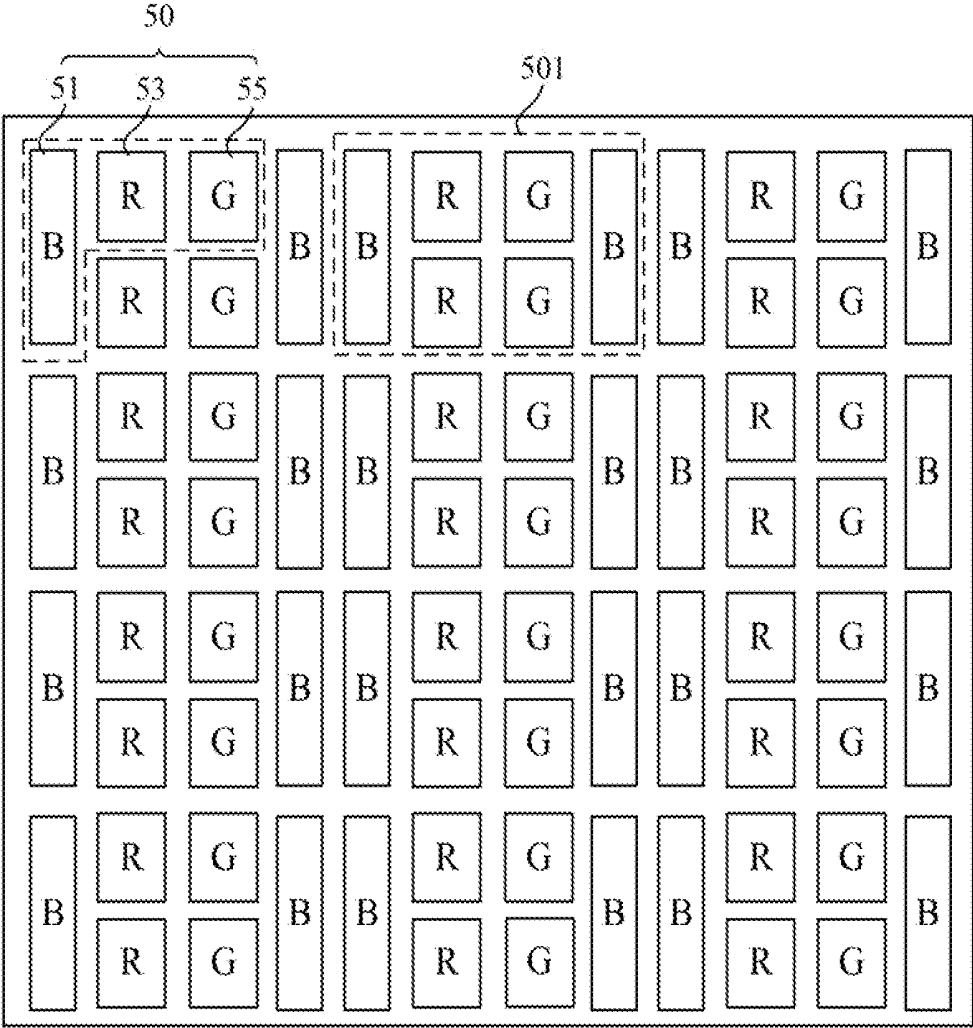


FIG. 5

FIG. 6

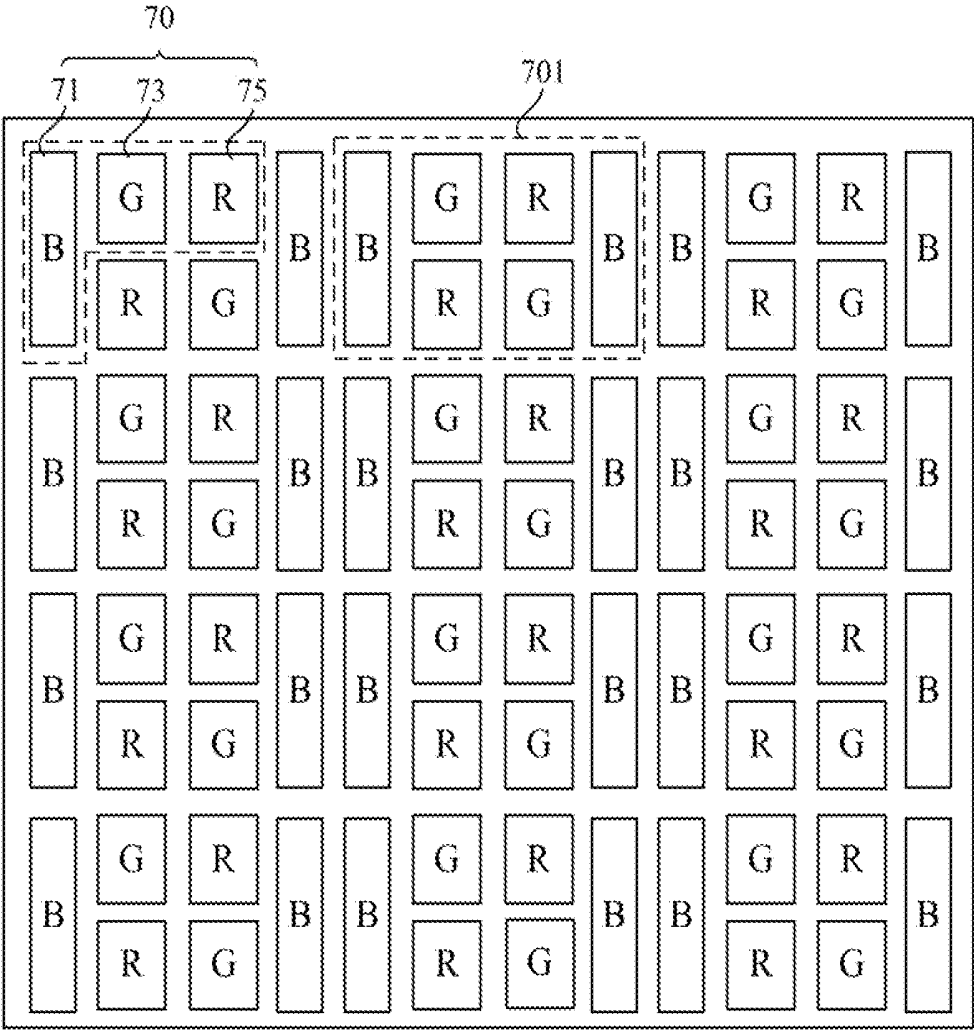


FIG. 7

STRUCTURE OF PIXEL

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application claims priority to Taiwanese Patent Application No. 104109456 filed on Mar. 25, 2015, the contents of which are incorporated by reference herein.

FIELD

[0002] The subject matter herein generally relates to a structure of pixel.

BACKGROUND

[0003] As shown in FIG. 1, an organic light emitting display (OLED) includes a pixel structure 100 with a plurality of pixels 10. Each pixel 10 includes a red sub-pixel 11, a green sub-pixel 13, and a blue sub-pixel 15. The red sub-pixel 11, the green sub-pixel 13, and the blue sub-pixel 15 with a same shape are orderly alternately aligned along a horizontal direction.

BRIEF DESCRIPTION OF THE FIGURES

[0004] Implementations of the present technology will now be described, by way of example only, with reference to the attached figures.

[0005] FIG. 1 is a diagrammatic view of an embodiment of a pixel structure in a related art.

[0006] FIG. 2 is a diagrammatic view of a first embodiment of a pixel structure, the pixel structure comprising a first sub-pixel, a second sub-pixel, and a third sub-pixel.

[0007] FIG. 3 is a diagrammatic view of an embodiment of a first mask corresponding to the first sub-pixel of FIG. 2.

[0008] FIG. 4 is a diagrammatic view of an embodiment of a second mask corresponding to the second sub-pixel of FIG. 2.

[0009] FIG. 5 is a diagrammatic view of a second embodiment of the pixel structure.

[0010] FIG. 6 is a diagrammatic view of a third embodiment of the pixel structure.

[0011] FIG. 7 is a diagrammatic view of a fourth embodiment of the pixel structure.

DETAILED DESCRIPTION

[0012] It will be appreciated that for simplicity and clarity of illustration, where appropriate, reference numerals have been repeated among the different figures to indicate corresponding or analogous elements. In addition, numerous specific details are set forth in order to provide a thorough understanding of the embodiments described herein. However, it will be understood by those of ordinary skill in the art that the embodiments described herein can be practiced without these specific details. In other instances, methods, procedures, and components have not been described in detail so as not to obscure the related relevant feature being described. The drawings are not necessarily to scale and the proportions of certain parts may be exaggerated to better illustrate details and features. The description is not to be considered as limiting the scope of the embodiments described herein.

[0013] The term “substantially” is defined to be essentially conforming to the particular dimension, shape or other word that substantially modifies, such that the component need not be exact. For example, substantially cylindrical means that

the object resembles a cylinder, but can have one or more deviations from a true cylinder. The term “comprising” means “including, but not necessarily limited to”; it specifically indicates open-ended inclusion or membership in a so-described combination, group, series and the like.

[0014] The present disclosure is described in relation to a pixel structure that can be easily assembled.

[0015] FIG. 2 illustrates an embodiment of a pixel structure 200. The pixel structure 200 includes a plurality of pixels 20. The pixel 20 is substantially “L” shaped. In at least one embodiment, the pixel structure 200 is used in an organic light emitting diode display panel.

[0016] Each pixel 20 includes a first sub-pixel 21, a second sub-pixel 23, and a third sub-pixel 25. The first sub-pixel 21, the second sub-pixel 23, and the third sub-pixel 25 are spaced from each other. Each of the first sub-pixel 21, the second sub-pixel 23, and the third sub-pixel 25 is substantially a rectangular shape. In at least one embodiment, the pixel 20 further includes at least one driving element (not shown), a pixel electrode (not shown), an anode (not shown), a cathode (not shown), and an organic light emitting layer (not shown). An area of the organic light emitting layer corresponding to the first sub-pixel 21, the second sub-pixel 23, and the third sub-pixel 25 is greater than an area of the corresponding sub-pixel. In other embodiments, two adjacent organic light emitting layers corresponding to different sub-pixel are connected with each other.

[0017] Lengths of the first sub-pixel 21, the second sub-pixel 23, and the third sub-pixel 25 run parallel with each other along a first direction. Widths of the first sub-pixel 21, the second sub-pixel 23, and the third sub-pixel 25 run parallel with each other along a second direction. The length of the first sub-pixel 21 is greater than the length of the second sub-pixel 23 or the length of the third sub-pixel 25, and the length of the second sub-pixel 23 is equal to the length of the third sub-pixel 25. The width of the second sub-pixel 23 is equal to the width of the third sub-pixel 25, and the width of the second sub-pixel 23 is greater than the width of the first sub-pixel 21. In at least one embodiment, using 441 pixels per inch (PPI), the length of the first sub-pixel 21 is 37.7 μm , and the length of the second sub-pixel 23 is 15.8 μm . The width of the first sub-pixel 21 is 16.2 μm the width of the first sub-pixel 21 is 32.4 μm . The first sub-pixel 21 is a blue sub-pixel, the second sub-pixel 23 is a green sub-pixel, and the third sub-pixel 25 is a red sub-pixel.

[0018] The pixel 20 with a forward direction and the pixel 20 with an inverted direction are staggered with each other to form a pixel combination 201. The pixel combinations 201 are arranged in a matrix. The pixel 20 with the forward direction and the pixel 20 with the inverted direction are symmetrically located. The second sub-pixels 23 in the same pixel combination 201 are aligned in a first line along the second direction, and the third sub-pixels 25 in the same pixel combination 201 are aligned in a second line along the second direction, which is parallel with the first line. The first line and the second line are perpendicular to the first sub pixel 21 in the same pixel combination 201. The first sub-pixels 21 of the pixels 20 with the forward direction in the pixel combinations 201 are arranged along the first direction and are aligned in a column. The first sub-pixel 21 of the pixel combination 201 is adjacent to the first sub-pixel 21 of the adjacent pixel combination 201 along the second direction. The second sub-pixels 23 in the pixel combinations 201 are arranged along the first direction and are aligned in a column. The third sub-pixels 25

in the pixel combinations **201** are arranged along the first direction and are aligned in a column.

[0019] Based on the pixel structure **200**, two adjacent sub-pixels are simultaneously disposed at intervals along the first direction and the second direction. A length of the first sub-pixel **21** is greater than the length of the second sub-pixel **23** and the third sub-pixel **25**. With a same area of the pixel **20**, the width of the second sub-pixel **23** and the third sub-pixel **25** are extended. Thus, a fabricating of the pixel structure **200** with a same resolution is improved.

[0020] FIG. 3 illustrates a first mask **300** for fabricating the organic light emitting layer of the first sub-pixel **21**. The first mask **300** includes a first substrate **30**. The first substrate **30** includes a plurality of first metal portions **34** and defines a plurality of first slits **32**. The first substrate **30** further includes a plurality of first metal portions **34** located between the adjacent first slits **32**. Each of the first slits **32** simultaneously forms a plurality of the organic light emitting layers, which are corresponding to the first sub-pixels **21** in two adjacent columns along the first direction. A width of the first slit **32** **d1** is 38.4 μm , and a distance **d2** between the two adjacent first slits **32** along the second direction is 76.8 μm .

[0021] Based on the first mask **300**, the width of the slit **31** is extended, thus a fabricating method is improved, and a color mixture while fabricating the pixel structure **100** is avoided.

[0022] FIG. 4 illustrates a second mask **400** for fabricating the organic light emitting layer of the second sub-pixel **23**. The second mask **400** includes a second substrate **40**. The second substrate **40** defines a plurality of second slits **42**. The second substrate **40** further includes a plurality of second metal portions **44**. Each second slit **42** is located between the adjacent second metal portions **44**. Each second slit **42** corresponds to an organic light emitting layer, which is corresponding to the second sub-pixel **23** arranged in a column along the first direction. A width of the second slit **42** **d3** is 38.4 μm , and a distance **d4** between the two adjacent second slits **42** along the second direction is 76.8 μm .

[0023] The third sub-pixel **25** is fabricated by a mask with a same structure of the second mask **400**.

[0024] FIG. 5 illustrates a second embodiment of the pixel structure **500**. The pixel structure **500** includes a plurality of pixels **50**. The pixel **50** is substantially "L" shaped. In at least one embodiment, the pixel structure **500** is used in an organic light emitting diode display panel.

[0025] Each pixel **50** includes a first sub-pixel **51**, a second sub-pixel **53**, and a third sub-pixel **55**. The first sub-pixel **51**, the second sub-pixel **53**, and the third sub-pixel **55** are spaced from each other. Each of the first sub-pixel **51**, the second sub-pixel **53**, and the third sub-pixel **55** is substantially a rectangular shape. In at least one embodiment, the pixel **50** further includes at least one driving element (not shown), a pixel electrode (not shown), an anode (not shown), a cathode (not shown), and an organic light emitting layer (not shown). An area of the organic light emitting layer corresponding to the first sub-pixel **51**, the second sub-pixel **53**, or the third sub-pixel **55** is greater than an area of the corresponding sub-pixel. In other embodiments, two adjacent organic light emitting layers corresponding to different sub-pixels are connected with each other.

[0026] Lengths of the first sub-pixel **51**, the second sub-pixel **53**, and the third sub-pixel **55** are parallel with each other along a first direction. Widths of the first sub-pixel **51**, the second sub-pixel **53**, and the third sub-pixel **55** are parallel

with each other along a second direction. The length of the first sub-pixel **51** is greater than the length of the second sub-pixel **53** or the length of the third sub-pixel **55**, and the length of the second sub-pixel **53** is equal to the length of the third sub-pixel **55**. The width of the second sub-pixel **53** is equal to the width of the third sub-pixel **55**, and the width of the second sub-pixel **53** is greater than the width of the first sub-pixel **51**. In at least one embodiment, using 441 pixels per inch (PPI), the length of the first sub-pixel **51** is 37.7 μm , and the length of the second sub-pixel **53** is 15.8 μm . The width of the first sub-pixel **51** is 16.2 μm the width of the first sub-pixel **51** is 32.4 μm . The first sub-pixel **51** is a blue sub-pixel, the second sub-pixel **53** is a red sub-pixel, and the third sub-pixel **55** is a green sub-pixel.

[0027] A pixel **50** with a forward direction and a pixel **50** with an inverted direction are staggered with each other to form a pixel combination **501**. The pixel combinations **501** are arranged in a matrix. The pixel **50** with the forward direction and the pixel **50** with the inverted direction are symmetrically located. The second sub-pixels **53** are aligned in a first line along the second direction, and the third sub-pixels **55** are aligned in a second line along the second direction, which is parallel with the first line. The first line and the second line are perpendicular to the first sub pixel **51**. The first sub-pixels **51** of the pixels **50** with the forward direction in the pixel combinations **501** are arranged along the first direction and are aligned in a column. The first sub-pixel **51** of the pixel combination **501** is adjacent to the first sub-pixel **51** of the adjacent pixel combination **501** along the second direction. The second sub-pixels **53** in the pixel combinations **501** are arranged along the first direction and are aligned in columns. The third sub-pixels **55** in the pixel combinations **501** are arranged along the first direction and are aligned in a column.

[0028] Based on the pixel structure **500**, two adjacent sub-pixels are simultaneously disposed at intervals along the first direction and the second direction. A length of the first sub-pixel **51** is greater than the length of the second sub-pixel **53** or the third sub-pixel **55**. With a same area of the pixel **50**, the width of the second sub-pixel **53** and the third sub-pixel **55** are extended. Thus, fabricating pixel structures **500** with a same resolution can be improved.

[0029] FIG. 6 illustrates a third embodiment of the pixel structure **600**. The pixel structure **600** includes a plurality of pixels **60**. The pixel **60** is substantially "L" shaped. In at least one embodiment, the pixel structure **600** is used in an organic light emitting diode display panel.

[0030] Each pixel **60** includes a first sub-pixel **61**, a second sub-pixel **63**, and a third sub-pixel **65**. The first sub-pixel **61**, the second sub-pixel **63**, and the third sub-pixel **65** are spaced from each other. Each of the first sub-pixel **61**, the second sub-pixel **63**, and the third sub-pixel **65** is substantially a rectangular shape. In at least one embodiment, the pixel **60** further includes at least one driving element (not shown), a pixel electrode (not shown), an anode (not shown), a cathode (not shown), and an organic light emitting layer (not shown). An area of the organic light emitting layer corresponding to the first sub-pixel **61**, the second sub-pixel **63**, or the third sub-pixel **65** is greater than an area of the corresponding sub-pixel. In other embodiments, two adjacent organic light emitting layers corresponding to different sub-pixels are connected with each other.

[0031] Lengths of the first sub-pixel **61**, the second sub-pixel **63**, and the third sub-pixel **65** are parallel with each other along a first direction. Widths of the first sub-pixel **61**,

the second sub-pixel **63**, and the third sub-pixel **65** are parallel with each other along a second direction. The length of the first sub-pixel **61** is greater than the length of the second sub-pixel **63** or the length of the third sub-pixel **65**, and the length of the second sub-pixel **63** is equal to the length of the third sub-pixel **65**. The width of the second sub-pixel **63** is equal to the width of the third sub-pixel **65**, and the width of the second sub-pixel **63** is greater than the width of the first sub-pixel **61**. In at least one embodiment, using 441 pixels per inch (PPI), the length of the first sub-pixel **61** is 37.7 μm , and the length of the second sub-pixel **63** is 15.8 μm . The width of the first sub-pixel **61** is 16.2 μm the width of the first sub-pixel **61** is 32.4 μm . The first sub-pixel **61** is a blue sub-pixel, the second sub-pixel **63** is a red sub-pixel, and the third sub-pixel **65** is a green sub-pixel.

[0032] A pixel **60** with a forward direction and a pixel **60** with an inverted direction are staggered with each other to form a pixel combination **601**. The pixel combinations **601** are arranged in a matrix. The pixel **60** with the forward direction and the pixel **60** with the inverted direction are symmetrically located. The second sub-pixels **63** are aligned in a first line along the second direction, and the third sub-pixels **65** are aligned in a second line along the second direction, which is parallel with the first line. The first line and the second line are perpendicular to the first sub pixel **61**. The first sub-pixels **61** of the pixels **60** with the forward direction in the pixel combinations **601** are arranged along the first direction and are aligned in a column. The first sub-pixel **61** of the pixel combination **601** is adjacent to the first sub-pixel **61** of the adjacent pixel combination **601** along the second direction. The second sub-pixels **63** in the pixel combinations **601** are arranged along the first direction and are aligned in a column. The third sub-pixels **65** in the pixel combinations **601** are arranged along the first direction and are aligned in a column.

[0033] Based on the pixel structure **600**, two adjacent sub-pixels are simultaneously disposed at intervals along the first direction and the second direction. A length of the first sub-pixel **61** is greater than the length of the second sub-pixel **63** or the third sub-pixel **65**. With a same area of the pixel **60**, the width of the second sub-pixel **63** and the third sub-pixel **65** are extended. Thus, fabricating pixel structures **600** with a same resolution can be improved.

[0034] FIG. 7 illustrates a fourth embodiment of the pixel structure **700**. The pixel structure **700** includes a plurality of pixels **70**. The pixel **70** is substantially "L" shaped. In at least one embodiment, the pixel structure **700** is used in an organic light emitting diode display panel.

[0035] Each pixel **70** includes a first sub-pixel **71**, a second sub-pixel **73**, and a third sub-pixel **75**. The first sub-pixel **71**, the second sub-pixel **73**, and the third sub-pixel **75** are spaced from each other. Each of the first sub-pixel **71**, the second sub-pixel **73**, and the third sub-pixel **75** is substantially a rectangular shape. In at least one embodiment, the pixel **70** further includes at least one driving element (not shown), a pixel electrode (not shown), an anode (not shown), a cathode (not shown), and an organic light emitting layer (not shown). An area of the organic light emitting layer corresponding to the first sub-pixel **71**, the second sub-pixel **73**, or the third sub-pixel **75** is greater than an area of the corresponding sub-pixel. In other embodiments, two adjacent organic light emitting layers corresponding to different sub-pixels are connected with each other.

[0036] Lengths of the first sub-pixel **71**, the second sub-pixel **73**, and the third sub-pixel **75** are parallel with each

other along a first direction. Widths of the first sub-pixel **71**, the second sub-pixel **73**, and the third sub-pixel **75** are parallel with each other along a second direction. The length of the first sub-pixel **71** is greater than the length of the second sub-pixel **73** or the length of the third sub-pixel **75**, and the length of the second sub-pixel **73** is equal to the length of the third sub-pixel **75**. The width of the second sub-pixel **73** is equal to the width of the third sub-pixel **75**, and the width of the second sub-pixel **73** is greater than the width of the first sub-pixel **71**. In at least one embodiment, using 441 pixels per inch (PPI), the length of the first sub-pixel **71** is 37.7 μm , and the length of the second sub-pixel **73** is 15.8 μm . The width of the first sub-pixel **71** is 16.2 μm the width of the first sub-pixel **71** is 32.4 μm . The first sub-pixel **71** is a blue sub-pixel, the second sub-pixel **73** is a red sub-pixel, and the third sub-pixel **75** is a green sub-pixel.

[0037] A pixel **70** with a forward direction and a pixel **70** with an inverted direction are staggered with each other to form a pixel combination **701**. The pixel combinations **701** are arranged in a matrix. The pixel **70** with the forward direction and the pixel **70** with the inverted direction are symmetrically located. In a pixel combination **701**, the second sub-pixel **73** of the pixel **70** with the forward direction and the third sub-pixel **75** of the pixel **70** with the inverted direction are aligned in a first line, and the third sub-pixel **75** of the pixel **70** with the forward direction and the second sub-pixel **73** of the pixel **70** with the inverted direction are aligned in a second line. The first line and the second line are perpendicular to the first sub pixel **71**. The first sub-pixels **71** of the pixels **70** with the forward direction in the pixel combinations **701** are arranged along the first direction and are aligned in a column. The first sub-pixel **71** of the pixel combination **701** is adjacent to the first sub-pixel **71** of the adjacent pixel combination **701** along the second direction.

[0038] Based on the pixel structure **700**, two adjacent sub-pixels are simultaneously disposed at intervals along the first direction and the second direction. A length of the first sub-pixel **71** is greater than the length of the second sub-pixel **73** or the third sub-pixel **75**. With a same area of the pixel **70**, the width of the second sub-pixel **73** and the third sub-pixel **75** are extended. Thus, fabricating pixel structures **700** with a same resolution can be improved.

[0039] While various exemplary and preferred embodiments have been described, the disclosure is not limited thereto. On the contrary, various modifications and similar arrangements (as would be apparent to those skilled in the art) are intended to also be covered. Therefore, the scope of the appended claims should be accorded the broadest interpretation so as to encompass all such modifications and similar arrangements.

1. A pixel structure comprising:

- a plurality of pixel combinations in a matrix; each of the pixel combinations comprises a first pixel with a forward direction and a second pixel with a inverted direction, each of the first pixel and the second pixel comprising:
 - a first sub-pixel;
 - a second sub-pixel; and
 - a third sub-pixel;

wherein lengths of the first sub-pixel, the second sub-pixel, and the third sub-pixel are arranged along a first direction, and widths of the first sub-pixel, the second sub-pixel, and the third sub-pixel is arranged along a second direction;

a length of the first sub-pixel is greater than a length of the second sub-pixel along the first direction and a length of the third sub-pixel along the first direction; and the first sub-pixel, the second sub-pixel, and the third sub-pixel are orderly arranged along the second direction; wherein the first pixel and the second pixel are staggered with each other: in one pixel combination, the two second sub-pixel and the two third sub-pixel are sandwiched between the two first sub-pixel.

2. (canceled)

3. The pixel structure of claim 1, wherein the two first sub-pixels in the same pixel combination are aligned in a column along the first direction.

4. The pixel structure of claim 3, wherein the two adjacent first sub-pixels in two adjacent pixel combinations along the first direction are simultaneously formed via a first slit defined on a first mask along the first direction.

5. The pixel structure of claim 4, wherein a width of the first slit is 38.4 μm .

6. (canceled)

7. The pixel structure of claim 1, wherein the two second sub-pixels in the pixel combination are aligned in a first line along the second direction, and the two third sub-pixels in the pixel combination are aligned in a second line along the second direction which is parallel with the first line; the first line and the second line are perpendicular to the two first sub-pixels parallel with each other.

8. The pixel structure of claim 7, wherein the two second sub-pixels in the same pixel combination are simultaneously formed via a second slit defined on a second mask along the first direction.

9. The pixel structure of claim 1, wherein the second sub-pixel of the first pixel with the forward direction and the third sub-pixel of the first pixel with the forward direction in the same pixel combination are aligned in a first line, and the third sub-pixel of the first pixel with the forward direction and the second sub-pixel of the second pixel with the inverted direc-

tion in the same pixel combination are aligned in a second line which is perpendicular to the first line.

10. The pixel structure of claim 9, wherein the second sub-pixel of the first pixel and the third sub-pixel of the second pixel in the same pixel combination arranged in a column along the first direction are simultaneously formed via a second slit defined on a second mask along the first direction.

11. The pixel structure of claim 10, wherein a width of the second slit is 38.4 μm .

12. The pixel structure of claim 1, wherein the pixel is substantially "L" shaped.

13. The pixel structure of claim 1, wherein the length of the first sub-pixel is greater than the length of the second sub-pixel and the length of the third sub-pixel, and the length of the second sub-pixel is equal to the length of the third sub-pixel; the width of the second sub-pixel is equal to the width of the third sub-pixel, and the width of the second sub-pixel is greater than the width of the first sub-pixel.

14. The pixel structure of claim 13, wherein the length of the first sub-pixel is 37.7 μm , and the length of the second sub-pixel is 15.8 μm ; the width of the first sub-pixel is 16.2 μm the width of the first sub-pixel is 32.4 μm .

15. The pixel structure of claim 1, wherein the first sub-pixel is a blue sub-pixel, the second sub-pixel is a green sub-pixel, and the third sub-pixel is a red sub-pixel.

16. The pixel structure of claim 1, wherein the first sub-pixel is a blue sub-pixel, the second sub-pixel is a red sub-pixel, and the third sub-pixel is a green sub-pixel.

17. The pixel structure of claim 1, wherein the first sub-pixel is a blue sub-pixel, the second sub-pixel is a green sub-pixel, and the third sub-pixel is a red sub-pixel.

18. The pixel structure of claim 1, wherein the first sub-pixel is a green sub-pixel, the second sub-pixel is a red sub-pixel, and the third sub-pixel is a blue sub-pixel.

* * * * *

专利名称(译)	像素的结构		
公开(公告)号	US20160284769A1	公开(公告)日	2016-09-29
申请号	US14/718912	申请日	2015-05-21
[标]申请(专利权)人(译)	鸿海精密工业股份有限公司		
申请(专利权)人(译)	鸿海精密工业股份有限公司.		
当前申请(专利权)人(译)	鸿海精密工业股份有限公司.		
[标]发明人	CHIEN LIANG NENG HUANG CHUN CHIEH		
发明人	CHIEN, LIANG-NENG HUANG, CHUN-CHIEH		
IPC分类号	H01L27/32		
CPC分类号	H01L27/3216 H01L27/3218		
优先权	104109456 2015-03-25 TW		
其他公开文献	US9502476		
外部链接	Espacenet USPTO		

摘要(译)

在有机发光显示面板的像素结构包括多个像素。每个像素包括第一子像素，第二子像素和第三子像素。第一子像素，第二子像素和第三子像素的长度沿第一方向布置。第一子像素，第二子像素和第三子像素的宽度是沿第二方向排列。第一子像素的长度比沿着第一方向的第二子像素和沿所述第一方向的第三子像素的长度的长度。第一子像素，第二子像素和第三子像素是有序沿着第二方向布置。

