CLAIMS

1. An image display device comprising: an image display cell; a both-sides adhesive optical film; and a front transparent member,

wherein

the both-sides adhesive optical film comprises: an optical film having a first principal surface and a second principal surface; a first pressure sensitive adhesive layer disposed on the first principal surface of the optical film; and a second pressure sensitive adhesive layer disposed on the second principal surface of the optical film,

wherein

along a peripheral edge of the first principal surface of the optical film, the both-sides adhesive optical film includes: an adhesive-free area where the optical film is exposed without being covered with the first pressure sensitive adhesive layer; and an adhesive area where the first pressure sensitive adhesive layer is disposed on the optical film,

the optical film is bonded to the image display cell with one of the first pressure sensitive adhesive layer and the second pressure sensitive adhesive layer interposed therebetween,

the optical film is bonded to the front transparent member with the other one of the first pressure sensitive adhesive layer and the second pressure sensitive adhesive layer interposed therebetween, and

any one of constituent members of the image display device is arranged in the adhesive-free area on the first principal surface of the optical film.

2. The image display device according to claim 1, wherein

the optical film is rectangular, and

the adhesive-free area lies along at least one side of a rectangle, and the adhesive area lies along at least one side of the rectangle.

3. The image display device according to claim 1 or 2, wherein

in the adhesive area, the position of a lateral of the pressure sensitive adhesive layer is coincident with the position of a lateral of the optical film at an interface between the first pressure sensitive adhesive layer and the optical film, and

the lateral of the pressure sensitive adhesive layer is positioned inside the lateral of the optical film at the center of the first pressure sensitive adhesive layer in the thickness direction.

4. An image display device comprising: an image display cell; a both-sides adhesive optical film; and a front transparent member,

wherein

the both-sides adhesive optical film comprises: an optical film having a first principal surface and a second principal surface; a first pressure sensitive adhesive layer disposed on the first principal surface of the optical film; and a second pressure sensitive adhesive layer disposed on the second principal surface of the optical film,

wherein

along the entire peripheral edge of the first principal surface of the optical film, the both-sides adhesive optical film includes an adhesive-free area where the optical film is exposed without being covered with the first pressure sensitive adhesive layer, and

a portion where the adhesive-free area has a different width lies along the peripheral edge of the first principal surface of the optical film,

the optical film is bonded to the image display cell with one of the first pressure sensitive adhesive layer and the second pressure sensitive adhesive layer interposed therebetween,

the optical film is bonded to the front transparent member with the other one of the first pressure sensitive adhesive layer and the second pressure sensitive adhesive layer interposed therebetween, and

any one of constituent members of the image display device is arranged in the adhesive-free area on the first principal surface of the optical film.

5. The image display device according to claim 4, wherein

the optical film is rectangular, and

the width of the adhesive-free area on one side of a rectangle is different from the width of the adhesive-free area on the other side of the rectangle.

6. The image display device according to any one of claims 1 to 5, wherein in the adhesive-free area, the lateral of the optical film and the lateral of the first pressure

sensitive adhesive layer extend in parallel along the peripheral edge of the optical film.

7. The image display device according to any one of claims 1 to 6, wherein

the optical film is rectangular, and

the adhesive-free area has a portion where the width decreases as going toward the center side from the end of the side of a rectangle.

8. An image display device comprising: an image display cell; a both-sides adhesive optical film; and a front transparent member,

wherein

the both-sides adhesive optical film comprises: an optical film having a first principal surface and a second principal surface; a first pressure sensitive adhesive layer disposed on the first principal surface of the optical film; and a second pressure sensitive adhesive layer disposed on the second principal surface of the optical film,

wherein

inside the peripheral edge of the first principal surface of the optical film, the both-sides adhesive optical film includes an adhesive-free area where the optical film is exposed without being covered with the first pressure sensitive adhesive layer,

the optical film is bonded to the image display cell with one of the first pressure sensitive adhesive layer and the second pressure sensitive adhesive layer interposed therebetween,

the optical film is bonded to the front transparent member with the other one of the first pressure sensitive adhesive layer and the second pressure sensitive adhesive layer interposed therebetween, and

any one of constituent members of the image display device is arranged in the adhesive-free area on the first principal surface of the optical film.

9. The image display device according to any one of claims 1 to 8, wherein at least a part of the adhesive-free area has a width of 10 μm or more.

10. The image display device according to any one of claims 1 to 9, wherein the second pressure sensitive adhesive layer lies along the entire peripheral edge of the second principal surface of the optical film, and a region where the second principal surface of the

optical film is exposed does not present.

11. The image display device according to any one of claims 1 to 10, wherein the optical film comprises a polarizing plate.

12. The image display device according to any one of claims 1 to 11, wherein the front transparent member is a touch sensor or a transparent plate.

13. The image display device according to any one of claims 1 to 11, wherein

the front transparent member is a touch sensor,

the optical film is bonded to the touch sensor with the first pressure sensitive adhesive layer interposed therebetween, and

the touch sensor is connected to an electrical connection member in the adhesive-free area.

14. The image display device according to any one of claims 1 to 11, wherein

the optical film comprises a touch sensor, and

the optical film is connected to an electrical connection member in the adhesive-free area.

15. The image display device according to any one of claims 1 to 11, wherein the front transparent member is disposed in the adhesive-free area.

16. The image display device according to any one of claims 1 to 11, wherein a casing is arranged in the adhesive-free area.

17. The image display device according to any one of claims 1 to 11, wherein in the adhesive-free area, an electroconductive material or a resin material is arranged in a state of contacting the first principal surface of the optical film.