[0004] On the other hand, when ACF is attached only directly below the LEDs, the adhesive resin and conductive particles of the ACF do not remain between adjacent LEDs, and do not obstruct the transmission of light, so light transmissive properties can be obtained.

[0005] However, it is difficult to attach connection films such as ACF only directly below the LEDs. For example, when the individualized pieces are attached to the substrate after forming the individualized pieces of the connection film, if the shape of the individualized pieces is poor, the transferability of the individualized pieces to the substrate or LED will deteriorate, and the tact time for display manufacturing will deteriorate.

CITATION LIST

PATENT LITERATURE

[0006] Patent document 1: U.S. Patent Application Publication No. 2015/0255505

SUMMARY

[0006a] In a first aspect, the present disclosure refers to a mask comprising a light-shielding portion of a predetermined shape that blocks laser light within an opening that allows laser light to pass through, wherein the laser light is allowed to pass around the periphery of the light-shielding portion.

[0006b] In a second aspect, the present disclosure refers to a method for manufacturing a mask, wherein with respect to a transparent substrate on which a light-shielding film is formed, the light-shielding film is removed so that the mask includes a light-shielding portion of a predetermined shape that blocks laser light within an opening that allows laser light to pass through.

[0006c] In a third aspect, the present disclosure refers to a method for manufacturing a display device, comprising: a formation step of irradiating a curable resin film formed on a base material with laser light from the base material side to remove the curable resin film in the irradiated area, thereby forming individualized pieces of a predetermined shape composed of the curable resin film with a reaction rate of 25% or less on the base material; a transfer step of transferring the individualized pieces of the

predetermined shape to a predetermined position on a wiring substrate or to an electrode surface of a light-emitting element; and a mounting step of mounting the light-emitting element to the wiring substrate via the transferred individualized pieces.

[0006d] In a fourth aspect, the present disclosure refers to a display device, comprising: a plurality of light-emitting elements; a wiring substrate on which the light-emitting elements are arranged; and a cured film that connects the plurality of light-emitting elements to the wiring substrate, wherein the cured film is made by curing individualized pieces of a predetermined shape composed of a curable resin film, and the predetermined shape is at least one selected from a polygon with obtuse angles, a polygon with rounded corners, an ellipse, an oval, and a circle.

TECHNICAL PROBLEM

[0007] The present technology is proposed in light of this conventional situation and provides a mask and a method for manufacturing the mask that can obtain excellent workability and transferability of the individualized piece, as well as a method for manufacturing a display device and a display device.

SOLUTION TO PROBLEM

[0008] As a result of diligent research to solve the above problem, the present inventors found that the above purpose can be achieved by the following technology.

[0009] [1] A mask having a light-shielding portion of a predetermined shape that blocks laser light within an opening that allows laser light to pass through, wherein

the laser light is allowed to pass around the periphery of the light-shielding portion.

[2] The mask according to [1], wherein the predetermined shape is at least one selected from a polygon with obtuse angles, a polygon with rounded corners, an ellipse, an oval, and a circle.