

A. BECKERS.

Hinge for Stereoscopic Reflectors.

No. 23,342.

Patented March 29, 1859.

Fig. 2.

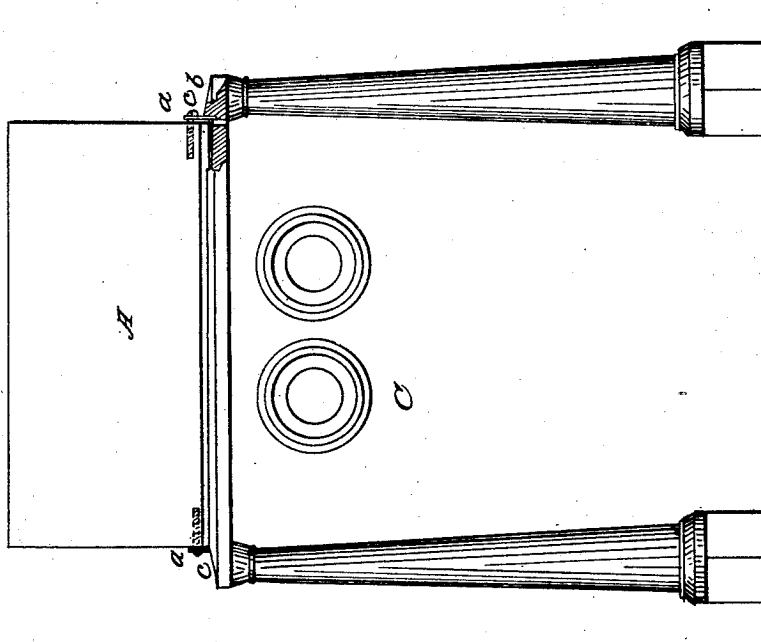
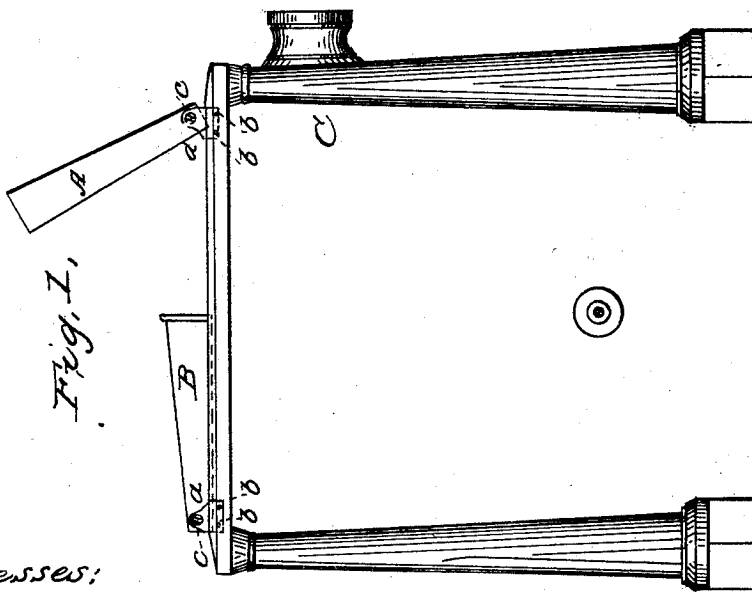


Fig. 1.



Witnesses:

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HINGE FOR REFLECTORS OF STEREOSCOPES, &c.

Specification of Letters Patent No. 23,342, dated March 29, 1859.

To all whom it may concern:

Be it known that I, A. BECKERS, of the city, county, and State of New York, have invented a new and useful Hinge for the Reflectors of Stereoscopic Cases, &c.; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1, represents a side elevation of my hinge, as applied to the lid and to the reflector of a stereoscopic case. Fig. 2, is an end view of the same hinge.

Similar letters of reference indicate like parts in both figures.

The object of this invention is to provide a simple and efficient means for adjusting the reflector of a stereoscopic case or like parts of other similar instruments at the proper angle without the aid of slotted arcs and set screws or without any of the means which are commonly used to effect this object; and this invention consists in arranging two ears, one on each side of the reflector, and made of thin elastic sheet metal, which ears are rigidly attached to the sides of the case or to any part of the frame of a similar instrument, and each ear is provided with a hole through which a screw passes freely, which screws into the side of the reflector or other part which is to be adjusted; so that by tightening these screws, the reflector or other like part of a similar instrument can be squeezed between the two ears sufficiently tight to retain the same in every angle in which it may be desirable to bring it.

To enable others skilled in the art to fully understand and use and construct my invention, I will proceed to describe it.

A, represents the reflector and B, the lid

of a stereoscopic case C, and *a, a*, represent ears constructed of thin and elastic sheet metal, the size of which depends upon the weight of the reflector which is to be adjusted between them. These ears are rigidly attached to the sides of the case by screws *b, b*, and holes are made one in each of the ears and in that part of the same where they project above the sides of the case, through which screws *c*, pass freely. These screws screw into the sides of the reflectors and it is obvious that by tightening up these screws, the reflector is squeezed in tightly between the ears *a, a*, so that the same can be brought to any desired inclination and that it remains in any position to which it may be brought, without any other assistance; and this hinge is of particular convenience for reflectors of stereoscopic cases, which require to be changed more or less, as several pictures are brought before the eyes at short intervals according to the shade of the different pictures; it may, however, be used with equal advantage for like parts of other similar instruments which require a change in their position similar to the reflectors of stereoscopic cases.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is:

The arrangement of the ears *a, a*, one on each side of the reflector of a stereoscopic case, or attached in a corresponding manner and for the same purpose to any like part of another similar instrument, in combination with the screws *c*, substantially as and for the purpose described.

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Witnesses:

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