

UNITED STATES PATENT OFFICE.

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STEREOSCOPE.

No. 810,401.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, PROSPER D. FENN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Stereoscopes, of which the following is a description, reference being had to the accompanying drawings, forming a part of this specification, in which corresponding letters of reference in the different figures indicate like parts.

The object of my invention is to provide a stereoscope which shall be so constructed that the case thereof may be utilized as a magazine for holding an indefinite number of cards or "views" in such a manner that it may be readily unfolded or opened to display the foremost view in proper position before the stereoscopic objectives or readily and compactly folded to serve as a permanent receptacle for the protection and preservation of said views.

Further objects are to provide simple and effective means for focusing the views, as well as adjustable means for shielding each view from diverging light-rays, so that the two may be seen as one image, all of which is hereinafter more particularly described, and definitely pointed out in the claims.

In the drawings, Figure 1 is a perspective view of my improved device as it would appear when folded. Fig. 2 is a horizontal sectional view in plan of the device as it would appear when unfolded and ready for use, and Fig. 3 is a longitudinal vertical sectional view thereof taken upon the line 3, Fig. 2, viewed in the direction of the arrow there shown.

Referring to the drawings, *a* represents generally the main portion of the case, which consists of the front portion *b*, the ends *c c*, arranged at right angles thereto and rigidly connected therewith. The bottom, which is connected with the sides and ends, is made double, consisting of the parts *d e*, Fig. 3, arranged parallel to each other, with a space between for the purpose hereinafter stated. Midway between the ends and extending at right angles from the front is a partition which consists of two parallel members *f f*, with a space between them for the reception of an adjustable slide *g*, hereinafter referred to. Inserted between the parts *d* and *e* of the bottom is a slide *h*, which is connected, by means of a hinged connection at *i*, to a part *j*, which is of such area that when the slide *h* is pushed in to its full limit between

the bottom members *d e* and the slide *g* is also pushed in until the outer end is flush with the outer ends of the parts *f f* the part *j* may be folded upwardly against the end of the end pieces *c c* to form the back of the box.

Rigidly attached to the outer edge of the part *j* and at right angles thereto is a plate or member *k*, having end portions *l l* and inturned flanges *m m*. Said part is open at the top, so that a number of stereoscopic views or cards *n* may be placed therein, as shown in Figs. 2 and 3. Stereoscopic lenses *o o* are fitted in the part *b* and secured by means of fasteners *p*, of metal or other material, riveted or glued thereto.

When the case is opened, as shown at Fig. 3, the foremost card in the reservoir is in position to be seen through the lenses and may be brought into proper focus by merely adjusting the slide *h*. The adjustable slide *g* may be extended as may be found necessary to bring the view into proper focus.

It is obvious that the cards *n* may be kept permanently in the reservoir, where they can be protected from dust and wear. Upon pushing the slide *h* in to its full limit the case may be folded as shown in Fig. 1, the part *j* forming the back and the part *k* the top.

The joint *i* should be so constructed as to support the part *j* in a horizontal position or in the same plane with the bottom of the case when opened for use. This may be accomplished by having the hinged portion *i* secured to the upper face, in which case the abutting shoulder *q* would serve to limit the movement.

Having thus described my invention, I claim—

1. In a device of the class described, the combination of a two-part case, one member forming the front and bottom, with lenses located in said front, a member forming the rear and top into which cards may be removably inserted, a slide fitted to move in the bottom portion of said first-named member, said slide being jointedly attached to said secondary member.

2. In a device of the class described, the combination of a two-part case, one member forming the front and bottom, said bottom consisting of two parallel members with an intervening space for the reception of a slide, a slide fitted between said members, and a member forming the rear and top, which member is jointedly connected to said slide.

3. A device of the class described in which

is combined a two-part case, one member of which forms the front and bottom while the other is jointedly connected therewith to form the rear and top, a hollow partition
5 formed at right angles to the front and extending rearwardly therefrom midway between the ends and an adjustable slide fitted therein.

In testimony whereof I have signed this specification, in the presence of two subscrib- 10
ing witnesses, this 14th day of August, 1905.

PROSPER D. FENN.

Witnesses:

D. H. FLETCHER,
CARRIE E. JORDAN.