

J. J. MURPHY.
STEREOSCOPE.
APPLICATION FILED DEC. 8, 1910.

1,012,144.

Patented Dec. 19, 1911.

2 SHEETS-SHEET 1.

FIG. 1

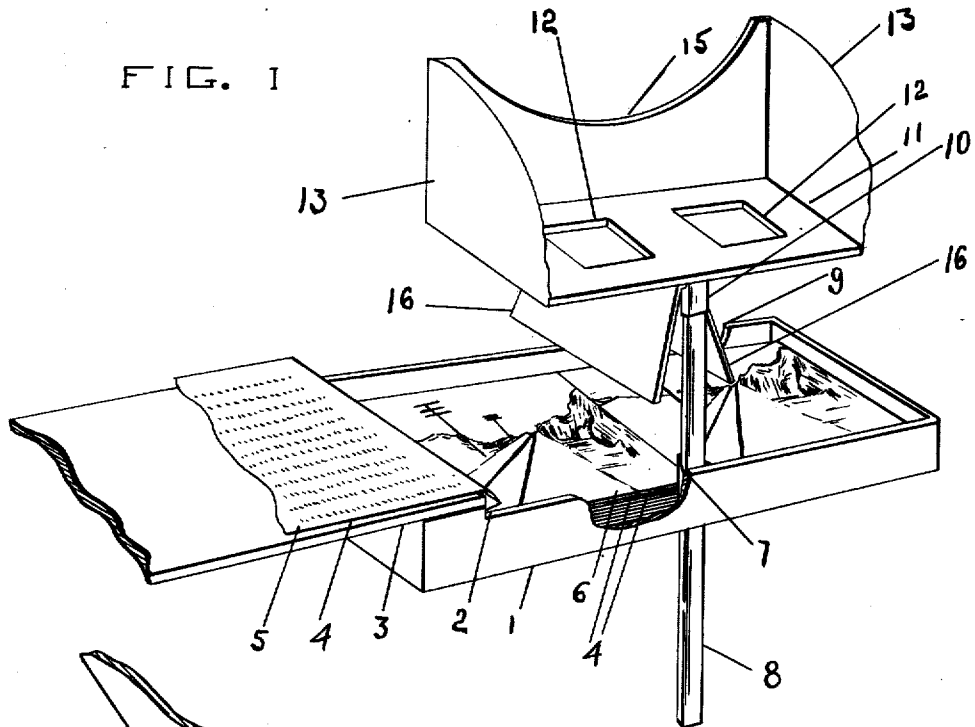
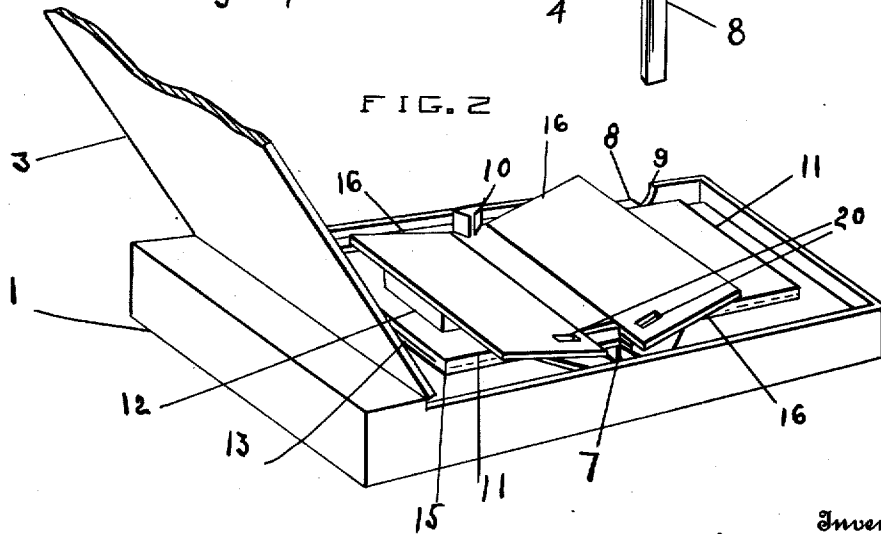


FIG. 2



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JOHN J. MURPHY, OF TOLEDO, OHIO.

STEREOSCOPE.

1,012,144.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN J. MURPHY, a citizen of the United States, residing at Toledo, Lucas county, Ohio, have invented a new and useful Stereoscope, of which the following is a specification.

This invention relates to an educational device.

This invention has utility when embodied as an advertising or other intelligence imparting medium wherein descriptions in conjunction with accompanying three dimensional views may effectively supplement disclosure as made available by a simple and compact device.

Referring to the drawings: Figure 1 is a perspective view, with parts broken away, of a book-stereoscope embodiment of the educational device of the invention; Fig. 2 is a view similar to Fig. 1, but with the stereoscope knocked down, or folded and placed within the recess of the book cover, with the book ready for closing; Fig. 3 is a perspective view of the hood and lens carrier portions of the stereoscope in set up position; Fig. 4 is a view similar to Fig. 3, but with the elements partially folded; and Fig. 5 is a perspective view of a plural view page book adapted to the invention herein.

The box like cover or back 1 has near one end thereof binding means 2, which may be gummed strips to receive stereoscopic view post cards. Hinged to the back cover 1 is the front cover 3. The post card or other view carrying pages 4 may have descriptive matter 5 pertaining to adjacent view 6, so that views and reading matter are conveniently disposed for coördinate inspection at a common positioning of the book.

The cover 1 is provided with a seat 7, serving as an adjustable mounting for the upright or stem 8 frictionally engaging in the seat 7. This removable stem 8 is assembled to enter seat 10 of the knock-down stereoscope comprising the member 11 carrying the pair of lenses 12. Mounted on this lens carrying member 11 is the foldable hood having flexible sides 13, having medial creases 14 to facilitate compact inward folding as hinged vizor member 15 of the hood moves toward the member 11.

Hinged to member 11 between the lenses 12, is the pair of partition members 16 which extend into the recesses 17 of the member 15. Between these recesses 17, the member

15 has a tongue 18 serving to limit the inward movement of the hinged members 16, as they are moved toward each other to clear the projections 19 of the member to allow of swinging of the vizor member toward set up or open position. When this vizor member 15 is moved to pull the hood sides 13 taut and member 15 is approximately perpendicular to member 11, partition members 16 may be released to swing apart in order that the openings 20 in these members 16 may engage the projections 19 and thus lock the hood open.

To knock down, the members 16 are moved toward each other against the natural spring resistance forcing them apart. This movement releases projections 19 from the openings 20, so that the hood is readily folded as shown in Fig. 4, and with the stem 8 removed, the stereoscope may be placed in the book as shown in Fig. 2, or when provided with cover 21, Fig. 5, the stereoscope may be placed in the pocket 22.

Instead of having pages of view size, the device may be conveniently adapted to larger page volumes—say regular standard magazine work, in which there may be a regular magazine cover 21, or the cover may be special, and provided with seats 23, while the binding means 24 may hold the pages 26 between the front cover 25 and the back cover 21. With descriptive matter and views distributed throughout the volume and variously disposed on the pages, cut out portions 27, 28, are convenient for allowing access of the adjustable stem mounting 8 with the cover seats 23 to thus frictionally carry the stereoscope from the book without necessity of any additional holding of the stereoscope. This brings considerable advantage to the student or reader, or prospective buyer, who may be perusing the volume, for with one hand the book may be held in position for reading the descriptions and views—the views being available by merely placing face in position in the hood without necessity of holding the stereoscope but only holding the book. The other hand is accordingly free for turning pages, so that use of a table or stand in operating is not required.

The simplicity of the device opens up a wide field of utility for there is made possible a most adequate presentation of third dimension or perspective depth on a plane surface disclosure through the intermediary

of a device for use in conjunction with normal perusal of the subject matter. This normal handling, avoids awkwardness of manipulation, and besides opening up the field for regular magazine exploitation of educational and amusement matter, and in the post card art, is a most valuable aid in the advertising field, from real estate, to machinery and through the full range of articles of sale. In fact in this latter field, it is almost as good a presentation of subject matter as the actual subject, and accordingly materially reduces necessity for carrying samples or getting the prospective buyer and matter of sale together.

What is claimed and it is desired to secure by Letters Patent is:

1. A view holder having hinged stereoscopic views, a view support against which the hinged views may rest, a stereoscope, and an adjustable mounting for the stereoscope rigidly mounted perpendicular to the view support effecting a holding of the scope in observing position when the holder is held in reading position.

2. A stereoscope having foldable hood sides, a hinged vizor, a lens holding member upon which said sides and vizor are mounted, and a partition mounted upon the member and movable to lock the vizor in set-up position.

3. A stereoscope comprising a hood having a hinged vizor member provided with an extension movable into hood locking position.

4. A stereoscope comprising a hood hav-

ing a lens holding member, a hinged vizor member, and a partition to lock the vizor member in set up position as to the lens holding member.

5. A stereoscope comprising a hood having a lens holding member, a vizor member, and a hinged partition to lock the vizor member in set up position as to the lens holding member.

6. The combination with a view holder having a view support, a seat, and hinged views movable against the support, of a stereoscope adjustably carried by the holder and rigidly mounted to oppose the plane of the support and having means to engage the holder seat.

7. A view holder provided with hinged stereoscopic views, a view support, said holder having seat means adjacent the view portions of the views, and a stereoscope rigidly mountable in said means to oppose the holder supported views.

8. A view holder provided with a plurality of hinged stereoscopic views having cut out portions, and a stereoscope having a mounting placing it in position for observing successive views, said mounting extending through said cut out portions to engage the holder.

In testimony whereof I affix my signature in the presence of two witnesses.

JOHN J. MURPHY.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."