

No. 672,609.

Patented Apr. 23, 1901.

R. Y. YOUNG.
STEREOSCOPE ATTACHMENT.

(Application filed Feb. 14, 1901.)

(No Model.)

Fig. 1.

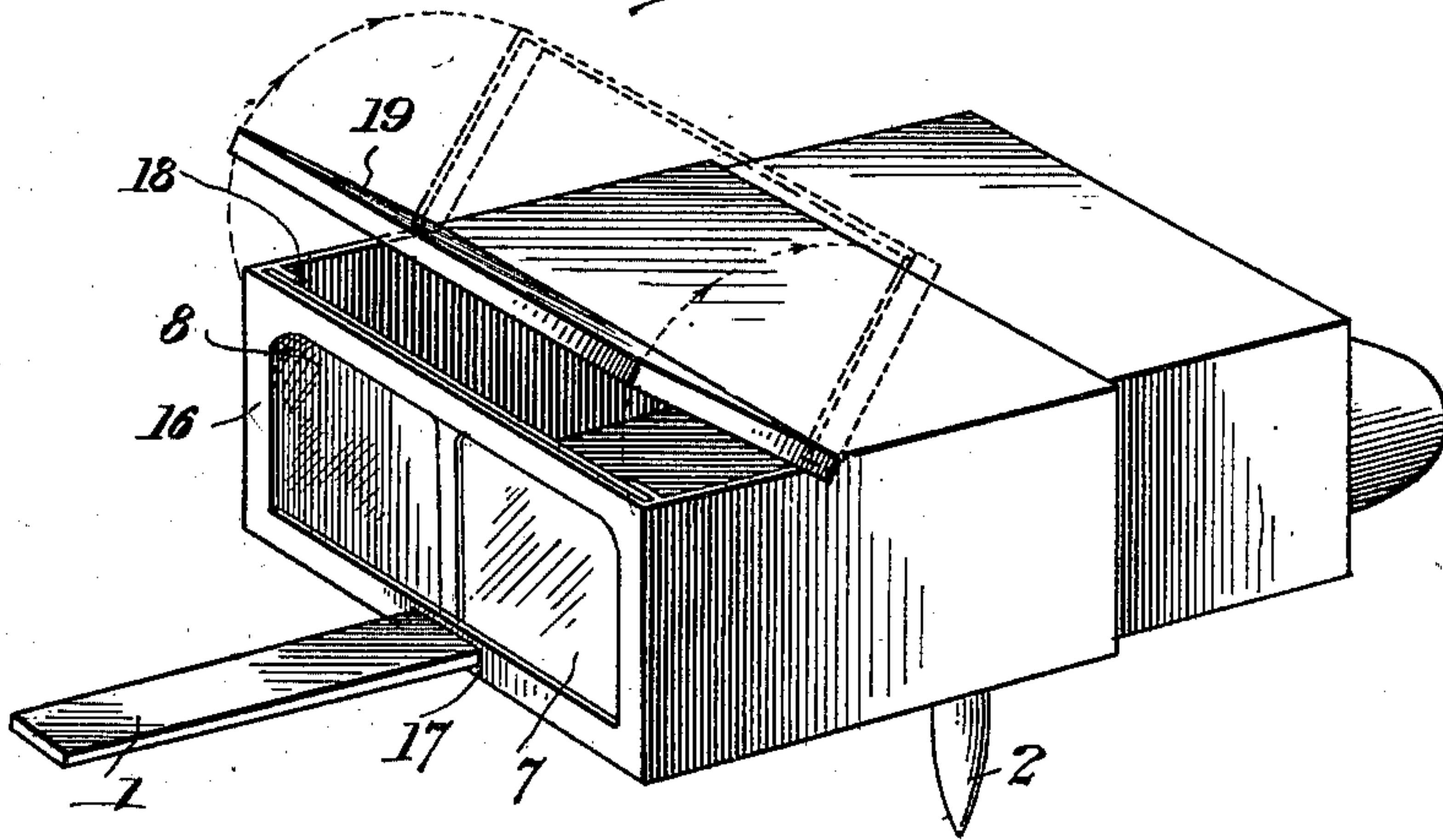


Fig. 2.

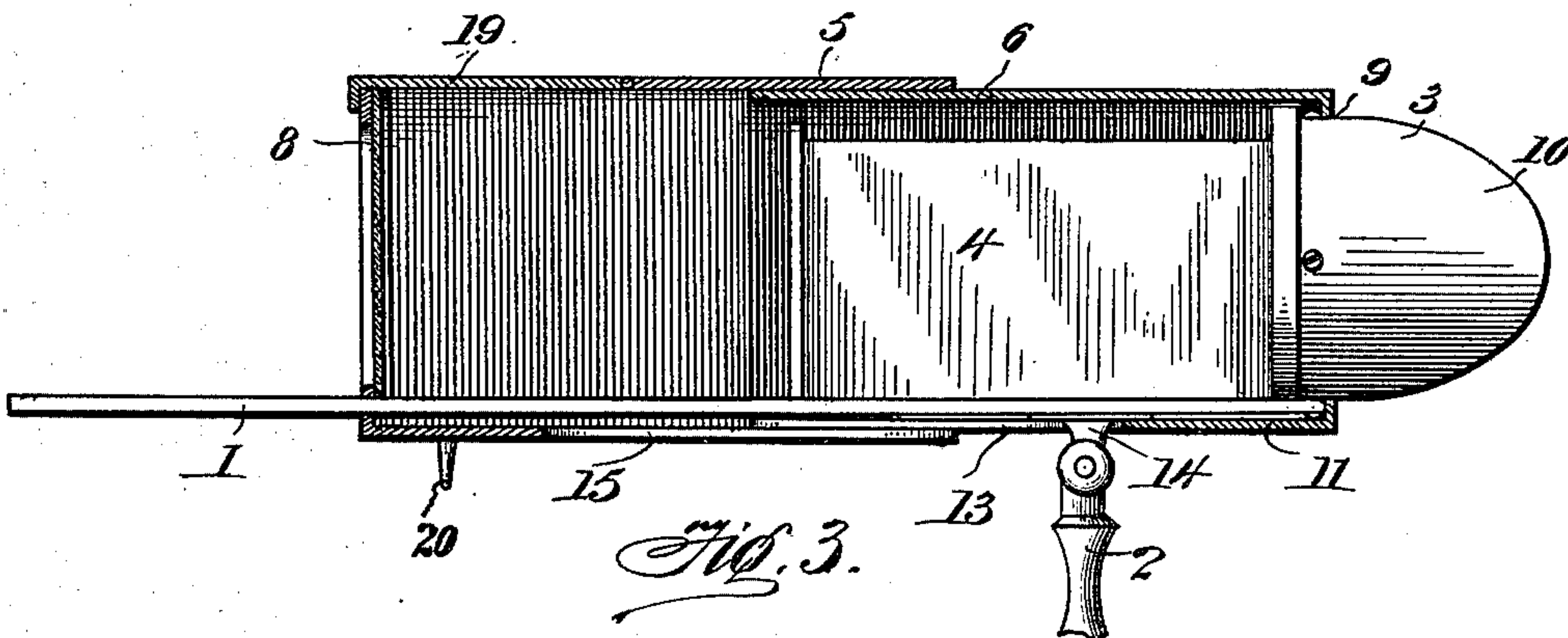
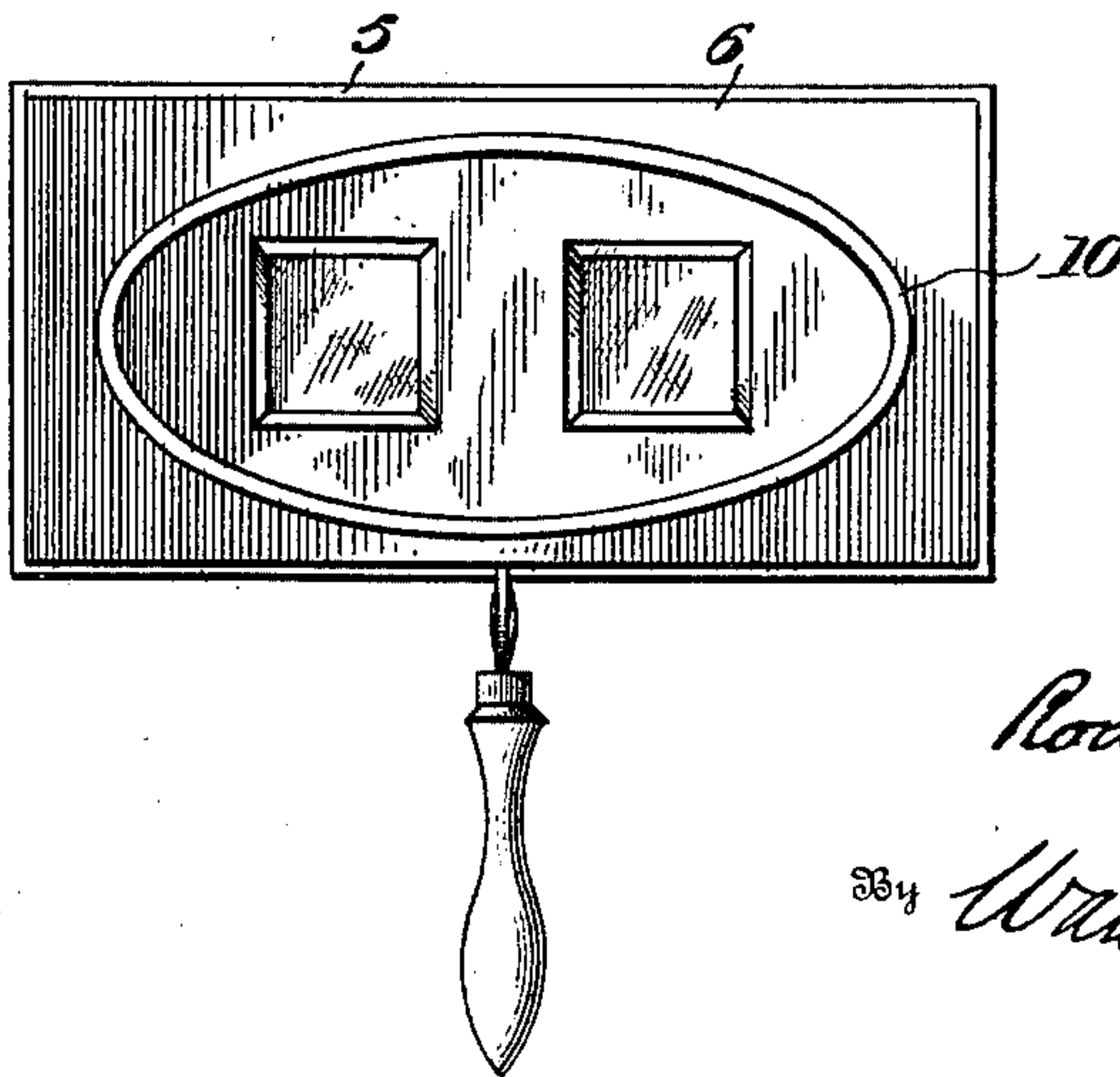


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

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STEREOSCOPE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 672,609, dated April 23, 1901.

Application filed February 14, 1901. Serial No. 47,231. (No model.)

To all whom it may concern:

Be it known that I, RODDO Y. YOUNG, a citizen of the United States, residing at New York, in the county of New York, State of New York, have invented certain new and useful Improvements in Stereoscope Attachments, of which the following is a specification.

The purpose of my invention is to provide an attachment for stereoscopes by means of which transparent or opaque pictures may be exhibited with the same apparatus; and it comprises a laterally-inclosing casing made in two telescopic parts, one of which is adapted to fit over the hood of the stereoscope and remain in fixed relation thereto, while the other part is adjustable and is formed with an opening in its outer end, across which a transparent picture may be placed and secured by a suitable picture-holding device. The movable section is also formed with a lid upon its upper side, which may be thrown backward for the purpose of admitting light to the interior of the casing when it is desired to view opaque pictures. In exhibiting transparent colored pictures this cover may also be opened to a greater or less extent, with the effect of making the colors appear more or less brilliant.

In the accompanying drawings, which illustrate my invention, Figure 1 is a perspective view showing the complete device fitted to a stereoscope, the cover being thrown open. Fig. 2 is a longitudinal section through the same with the cover closed to exhibit a transparent picture, and Fig. 3 is an elevation of the hooded end of the stereoscope with the attachment in position.

Referring to the drawings, 1 indicates the support of an ordinary stereoscope to which is attached the handle 2, hood 3, and divisor 4, the stereoscope being in all respects the same as the portable stereoscopes now in general use for viewing opaque pictures.

My improvement consists in providing a laterally-inclosed casing comprising the two telescopic parts 5 and 6, which may be readily attached to any ordinary stereoscope in such manner as to exclude the light between the hood, and a picture-holding device which is arranged in the outer end of the part 5, so that a transparent picture 7, arranged across an opening 8 in the end of said part, may be seen to the best advantage. As shown, the

parts are rectangular in cross-section, and they are preferably made of pasteboard, wood, or other light and cheap material. The part 6 is formed with an oblong opening 9 in its outer end, adapted to fit snugly over the hood 3 and exclude the light, and its lower side 11 extends beneath the support 1 and is formed with a central longitudinal slot 13, so that said part may be placed upon the stereoscope without interfering with the connecting portion 14 of the handle. The part 6 when in position remains in fixed relation to the stereoscope, being held frictionally upon the hood.

The part 5, as shown, fits telescopically around the part 6, and it is likewise provided with a longitudinal slot 15, so that it may be adjusted outwardly and inwardly without interfering with the handle. In its outer end 16 is formed the opening 8, across which the picture to be viewed is placed, and an opening 17 is formed in said end beneath the picture-opening, through which the support 1 extends. In the interior of the casing, adjacent to the picture-opening, are arranged picture supports or guides 18, between which and the end of the casing the pictures are carried. The part 5 is also formed with a hinged cover 19 upon its upper side for the double purpose of permitting the operator to remove and insert pictures and to admit light when it is desired to view opaque pictures or to vary the light upon the transparent picture.

The attachment may be applied to a stereoscope in a few seconds or quickly detached when desired. When it is desired to view transparent pictures, the plates or films are placed within the picture-holder, across the opening 8, and the cover 19 is closed, as shown in Fig. 2, so that no light is admitted between the eye and the picture. When colored transparencies are placed within the picture-holder, various shades and effects may be obtained by raising the cover slightly, as shown in full lines, Fig. 1, so as to admit more or less light to the front of the picture. In viewing opaque pictures the cover is thrown backward, as shown in dotted lines in said figure, so as to admit the light fully to the front of the picture. It will be noted that the adjustable part 5 serves all of the purposes of the ordinary picture-holder, and it is not necessary to use the latter when my attachment is

applied to a stereoscope. The projection 20 on the lower side of the part 5 serves as a handle by which said part may be adjusted to focus the picture.

5 Having described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. The combination with a stereoscope having a hood 3 and a handle arranged to support said hood, of a removable attachment for viewing transparent pictures comprising a rigid box or casing made in two parts, one of said parts having an opening at one end fitting around the hood, said part projecting in front of the hood and being in fixed relation thereto; the other part being adjustable and fitting telescopically with the fixed part, said adjustable part having an opening in its outer end across which a transparent picture may be placed and suitable means for holding the picture across the opening.

2. The combination with a stereoscope having a hood 3 and a handle arranged to support said hood, of a removable attachment for viewing transparent pictures comprising a rigid box or casing made in two parts, one of said parts having an opening at one end fitting around the hood, said part projecting in front of the hood and being in fixed relation thereto, the other part being adjustable and fitting telescopically with the fixed part, said adjustable part having an opening in its outer end across which a transparent picture may be placed and having a lid or cover whereby light may be admitted to the interior of the casing, or excluded therefrom as desired.

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

RODDO Y. YOUNG.

Witnesses:

CHAS. PINNELL,
H. J. CORBETT.