(No Model.)

H. C. WHITE.

STEREOSCOPE.

No. 589,055. Patented Aug. 31, 1897.

Fig. 1.

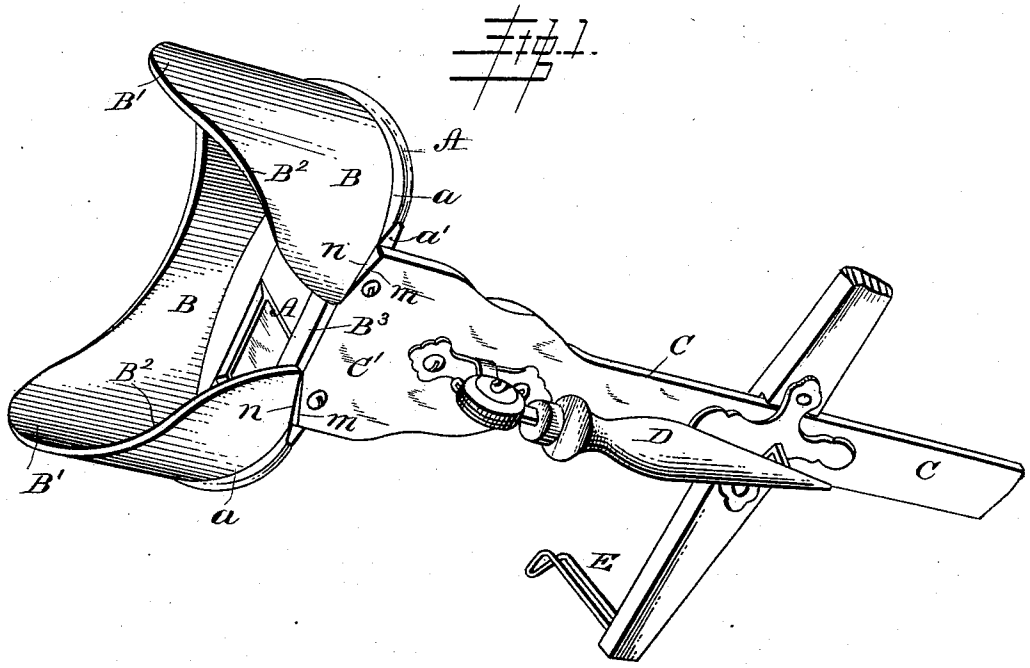
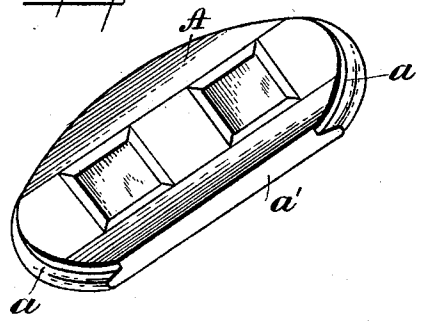


Fig. 2.



WITNESSES

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STEREOSCOPE.

SPECIFICATION forming part of Letters Patent No. 589,055, dated August 31, 1897.

Application filed October 28, 1895. Serial No. 567,109. (No model.)

To all whom it may concern:

Be it known that I, HAWLEY CASTLE WHITE, a citizen of the United States, residing at North Bennington, in the county of Bennington and State of Vermont, have invented certain new and useful Improvements in Stereoscopes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to stereoscopes provided with a hood which is so shaped as to conform to the face and especially the sides of the nose of the user and to form a dark chamber between his eyes and the lens-frame, substantially as described in my Letters Patent Nos. 548,148 and 548,149, dated October 15, 1895.

The present invention consists in the combination of a shaft having a broad end which extends to the inner face of the lens-frame, being beveled at the corners, and is fastened to the flat lower face of the said frame with a hood, which completes the dark chamber unaided by the said shaft and is beveled to accommodate the corners thereof, so that it may fit snugly against the forward end of the said shaft without overlapping the same, all substantially as hereinafter more particularly set forth and claimed.

In the accompanying drawings, Figure 1 represents a perspective view, taken from below, of a stereoscope embodying my invention. Fig. 2 represents a detail perspective view of the lens-frame.

A designates the lens-frame, having a rabbet *a* entirely around it and flattened on its under side at *a'* to receive the broad forward end C' of the shaft C, the said end being flush with the inner face of the said frame and fastened to the said flattened part *a'* by screws. The hood B is tacked or otherwise conveniently fastened to the said lens-frame, fitting on the said rabbet, which serves as a seat therefor, excepting the said flattened part. As in my said patent, No. 548,148, the said hood is provided with rearward extensions B', which fit on and beyond the temples of the user, and has a curved outline B^2 on the under side, enabling it to fit the cheek-bones and the general contour of the face, the sides of the nose-gap B^3 being formed by the ends of the hood, which fit closely against the nose. Thus constructed the hood B fits the user's face so completely as to form a practically perfect dark chamber without the aid of any other part of the stereoscope. As shown in Fig. 1, its ends are cut away on a bevel at B^4 to receive without overlapping the corresponding beveled corners of the broad end of the shaft, which otherwise would require to be much more narrow. The recesses thus formed are of such shape that the hood will fit snugly against the said end, admitting no light. The hood does not overlap the shaft-corners at all, but leaves the under side of the shaft wholly exposed. The edges of the hood fit against the edges of the shaft, so as to be braced laterally by them. The shaft thus constructed and attached forms an efficient brace for the hood and the lens-frame and strengthens the stereoscope as a whole without interfering at all with the exclusion of side light and without requiring any curvilinear cutting of its own broad end.

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

In combination with a stereoscope lens-frame and a shaft having a broadened end which is attached thereto, a hood which is fastened to said lens-frame and forms a dark chamber before the eyes, the said shaft and hood being formed with the beveled edges *m n* which fit together without overlapping, the said hood being substantially flush on the under side with the end of the said shaft substantially as set forth.

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

HAWLEY CASTLE WHITE.

Witnesses:

EMILY SCOTT,

FRANKLIN SCOTT.