

(No Model.)

H. C. WHITE.
STEREOSCOPE.

No. 548,149.

Patented Oct. 15, 1895.

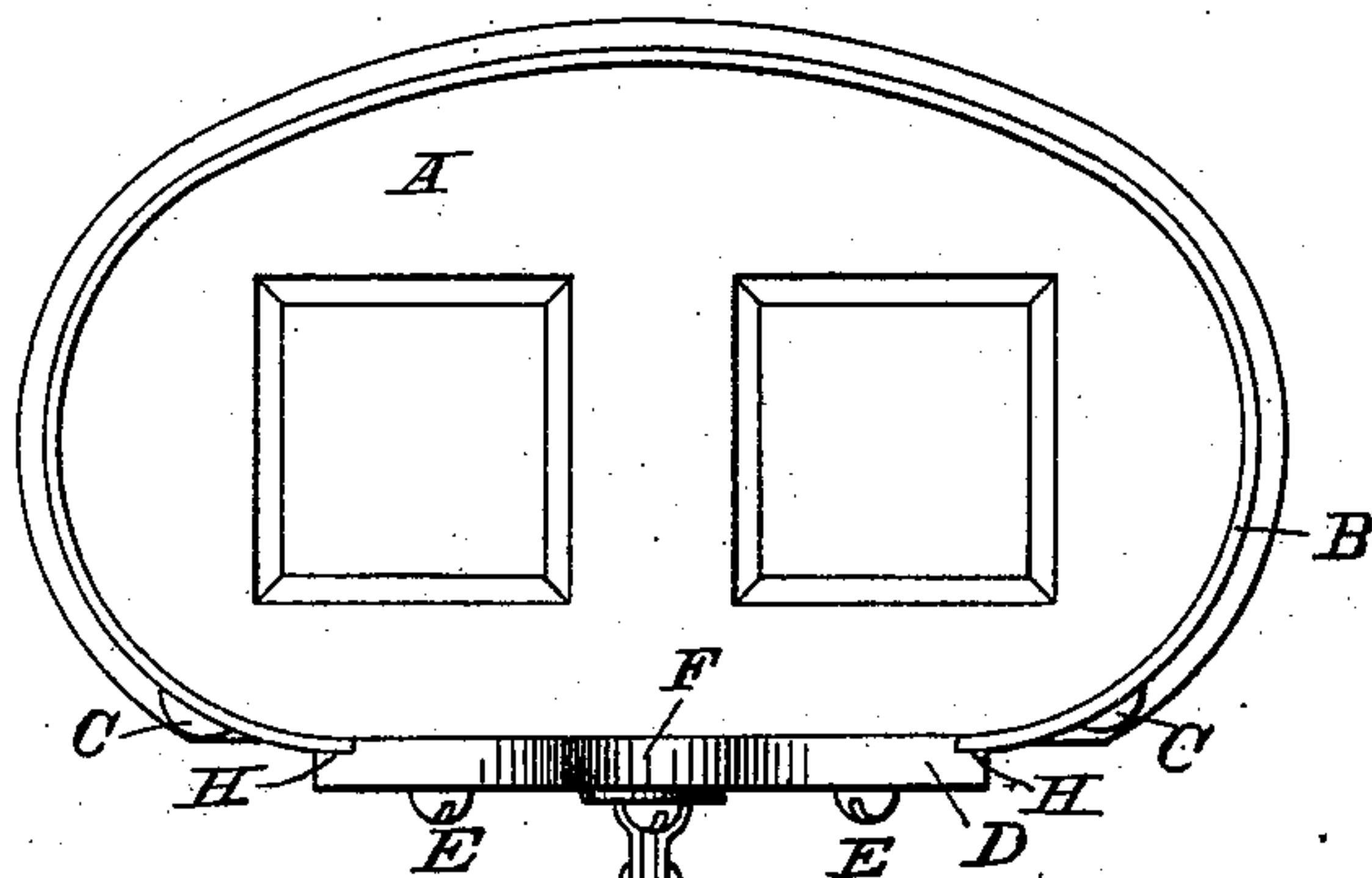


FIG. 1.

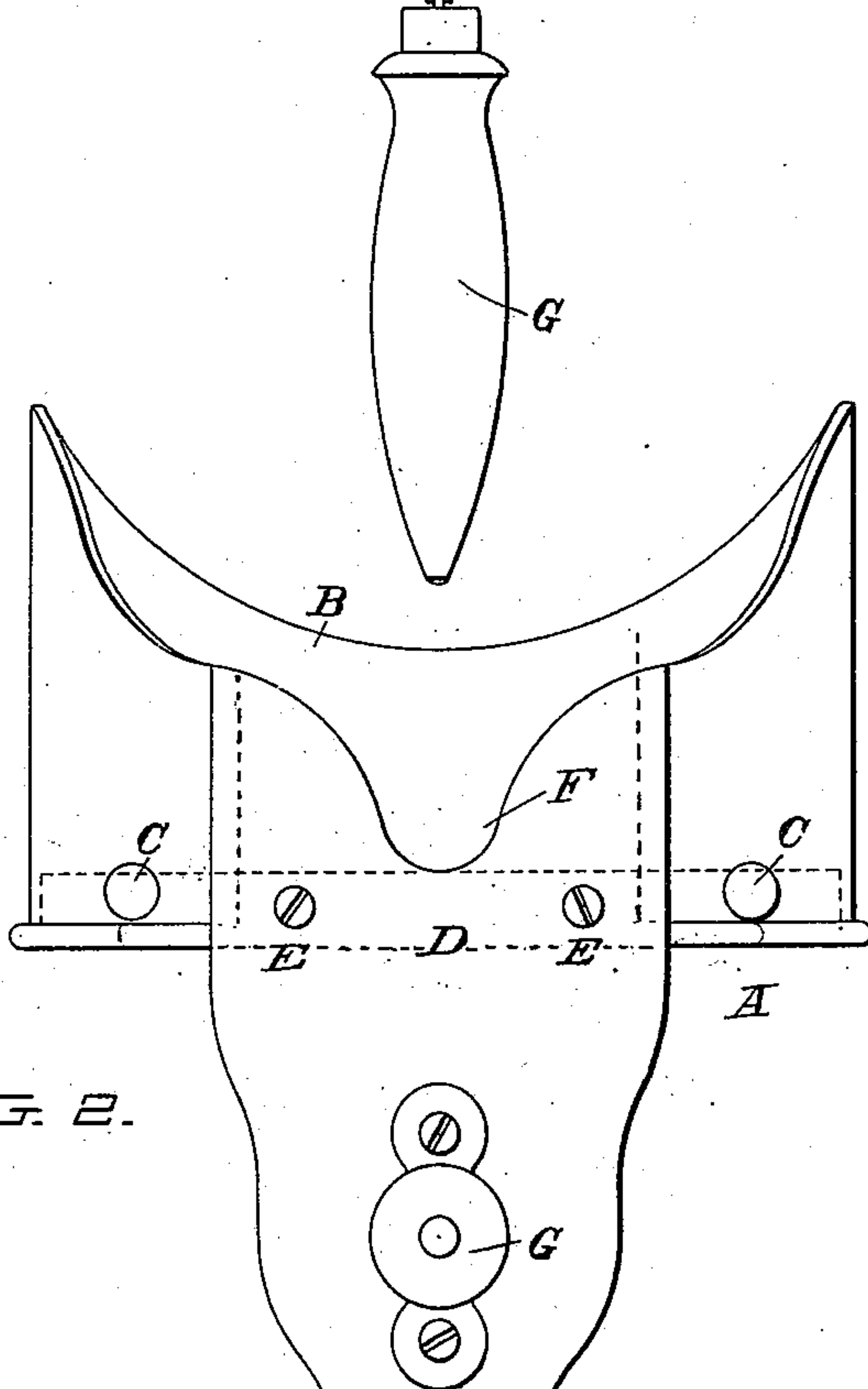


FIG. 2.

WITNESSES:

William Wilcox
Emily Scott

INVENTOR:

Wm. Hawley C. White,
by Franklin Scott, Attorney

UNITED STATES PATENT OFFICE.

HAWLEY C. WHITE, OF NORTH BENNINGTON, VERMONT, ASSIGNOR TO THE
H. C. WHITE COMPANY.

STEREOSCOPE.

SPECIFICATION forming part of Letters Patent No. 548,149, dated October 15, 1895.

Application filed May 27, 1895. Serial No. 550,776. (No model.)

To all whom it may concern:

Be it known that I, HAWLEY C. WHITE, a citizen of the United States, residing at the village of North Bennington, in the county of Bennington and State of Vermont, have invented certain new and useful Improvements in Stereoscopes, of which the subjoined description, in connection with the accompanying drawings, constitutes a specification.

The invention relates to the construction of the several parts of the common hand-stereoscope, and constitutes an improvement in the method of making and putting together the several parts, whereby a more convenient and durable "scope" is produced.

The drawings illustrate the invention, wherein—

Figure 1 shows a front elevation of a stereoscope, and Fig. 2 an under plan of the same object.

As 'scopes have heretofore been constructed the front end of the shaft has been cut off flush with the front side of the lens-frame and the hood has been carried around only to the edge of the broad part of the shaft, so that there was a considerable opening on each side of the nose of the observer for the admission of light to the eyes from below, which would interfere with perfect vision. I have devised several varieties of hood to obviate this interference of light from below, of which this is one.

In this structure the shaft, which is shown at D, extends forward of the face of the lens-frame A, and its edges are rabbeted, as at H, for the reception of the inner edge of the hood B, where it meets the shaft; or in place of the rabbet H the edges of the shaft could be grooved to take in the ends of the hood, which expedient I regard as the equivalent of the rabbet shown. The shaft is attached to the lens-frame by the screws or nails E E, and the hood to the lens-frame by the nails C C. The edge of the hood and end of the shaft are shaped to conform to the contour of the face, so that when the instrument is held to the face all parts of the edge of the hood and end of the shaft will fit the face. By carrying the

shaft across the lens-frame, as shown, and holding the ends of the hood in rabbets or grooves, a much firmer structure is obtained, and the hood is held from curling or warping out of shape—a thing it is liable to do, as it is generally made up of veneers transversely laid up in glue. It is possible to make a much more symmetrical nose-gap F in the end of the shaft than it is where the shaft stops at the face of the lens-frame, and the ends of the hood are carried around so as to nearly meet in the center of the frame. The forward part of the shaft constitutes in effect a part of the hood completing the dark chamber.

I therefore claim as my invention—

1. A stereoscope consisting of a lens-frame, a shaft attached thereto which extends forward of the said frame and is recessed to fit closely the nose and cheeks and a hood which extends around the said frame to the sides of the said shaft, and is supported thereby, the front part of the said shaft being practically a part of the said hood, the said hood being also provided with extensions for fitting against the temples, to combine with the said recessed shaft in forming a dark chamber substantially as set forth.

2. A stereoscope consisting of a lens frame, a shaft attached thereto which extends forward of the said frame and is recessed to fit closely the nose and cheeks and a hood which extends around the said frame to the sides of the said shaft, and is supported thereby making the latter practically a part of the said hood substantially as set forth.

3. The described improvement in stereoscopes consisting of a lens-frame, a shaft extending forward of the said frame and a hood extending around the said frame to the sides of the said shaft and supported thereby; the front edges of the hood and the front end of the shaft being cut to fit the shape of the face of the observer substantially as set forth.

4. The described improvement in stereoscopes consisting of a shaft with rabbeted edges for the reception of the ends of the hood, a lens-frame mounted upon said shaft sufficiently in the rear of its front end to al-

low the ends of the hood to engage with the
rabbeted edges of the shaft, and a hood con-
nected with the lens-frame and shaft sub-
stantially as shown, the front edges of the
5 hood and the front end of the shaft being cut
to fit the shape of the face of the observer,
substantially as specified.

In witness whereof I have hereto sub-
scribed my name this 23d day of May, A. D.
1895.

HAWLEY C. WHITE.

Witnesses:

FRANKLIN SCOTT,
EMILY SCOTT.