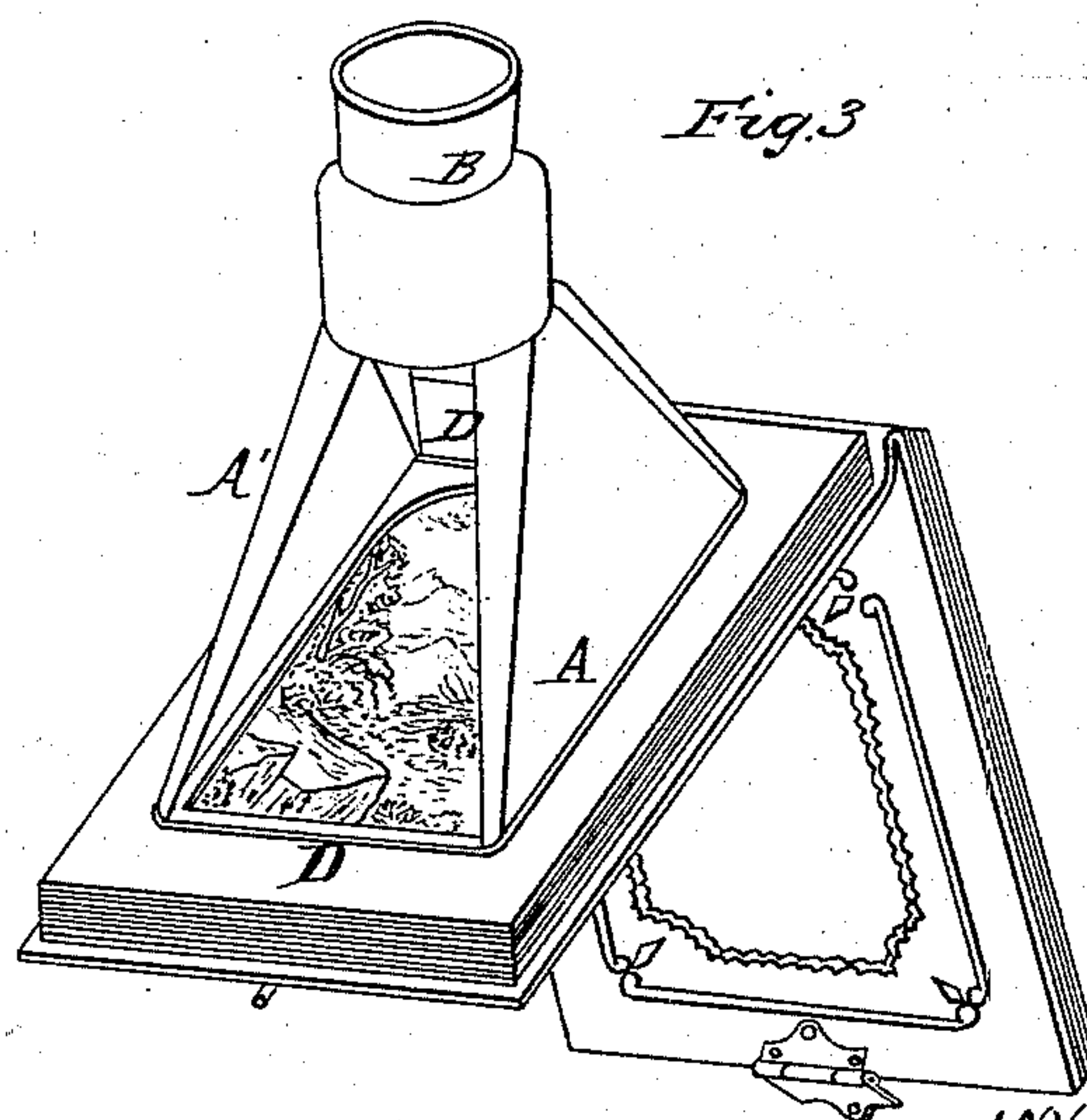
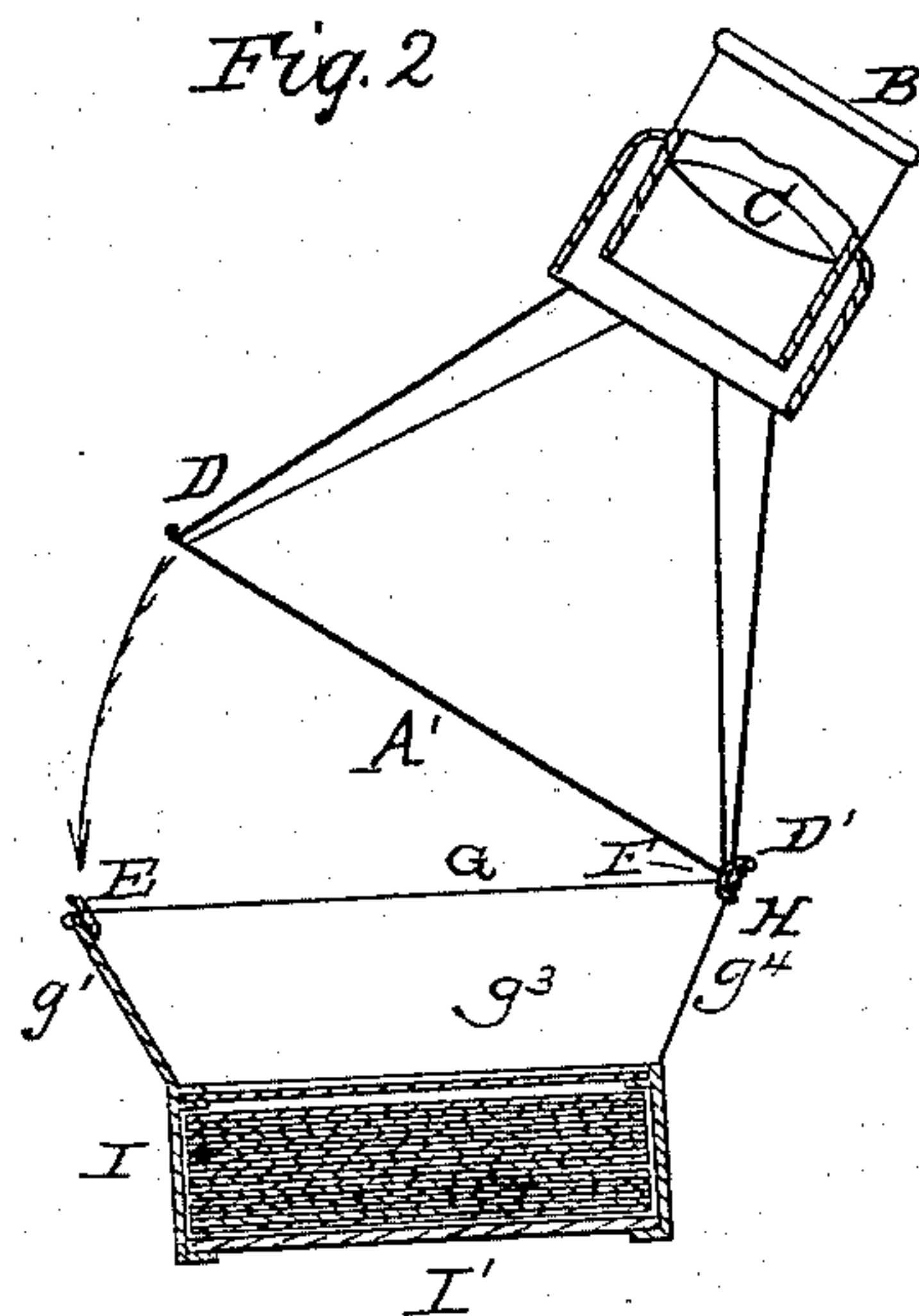
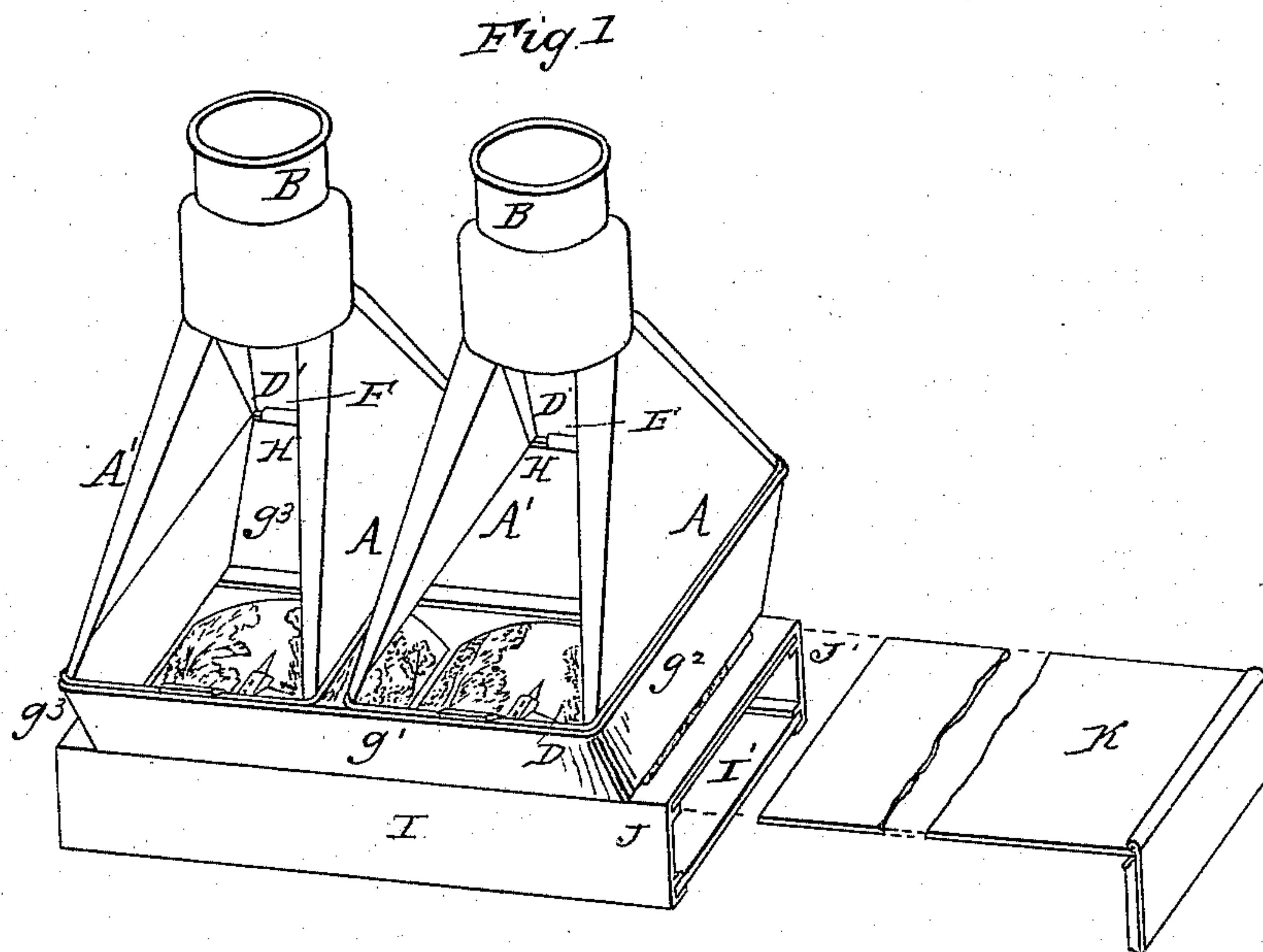


W. H. JACOBY.
Convertible Stereoscope.

No. 56,944.

Patented Aug. 7, 1866.



WITNESSES
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UNITED STATES PATENT OFFICE.

WILLIAM H. JACOBY, OF XENIA, OHIO.

CONVERTIBLE STEREOSCOPE.

Specification forming part of Letters Patent No. 56,944, dated August 7, 1866.

To all whom it may concern:

Be it known that I, WILLIAM H. JACOBY, of Xenia, Greene county, Ohio, have invented new and useful Improvements in Vignette-scopes and Stereoscopes; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification.

The object of this invention is a convenient and compact instrument forming a shade and lens holder adapted for use with a simple vignette or photograph in its place in an album or case, also forming part of a complete stereoscopic box or camera.

Figure 1 is a perspective view of the apparatus in its most complete form. Fig. 2 is a cross-section thereof. Fig. 3 shows an eye-piece detached for use on a photograph.

The most essential member of my instrument is the eye-piece or holder, of which the complete instrument contains two, and which consists of two opposite screens or shades, A A', which, converging upward, terminate in a tube, B, which may contain a lens, C.

The lower edge of the screens A A' are connected by rods D D', which engage over lips E F on the scene-chamber G, of which the lip F projects from a spring rod or wire, H.

The chamber G is closed on the side, g' , which is held nearest the user, and on its two ends $g^2 g^3$, and, with the exception of the spring H, is open on the side, g^4 , most distant from the user.

The lip F, projecting from the spring H, can be pressed inward sufficiently to enable the attachment or detachment of the eye-piece.

The above mode of attachment enables the eye-pieces to be moved closer together or farther apart to suit the orbital separation of the observer.

The chamber G opens below into a receptacle, I, for scenes, which receptacle has a bottom, I', of ground glass for transparent scenes and two grooves, J J', to receive either an opaque scene or the sliding lid K of the receptacle, as may be required.

It will be seen that either eye-piece can be easily detached and be used upon a photograph or other pictorial subject without taking the latter from the case or book in which it may be kept.

It is also apparent that the instrument, while entirely portable, yet may contain a set or number of scenes, both opaque and transparent.

I claim herein as new and of my invention—

1. The eye-piece A A' B D D', formed for separate use, or in combination with a stereoscopic case, substantially as set forth.

2. The arrangement of eye-piece A A' B D D', lips E F, chamber G, and spring H, for the purpose explained.

3. In the described combination with the elements of claim second, the receptacle I I' J J', substantially as set forth.

In testimony of which invention I hereunto set my hand.

WILLIAM H. JACOBY.

Witnesses:

GEO. H. KNIGHT,
JAMES H. LAYMAN.