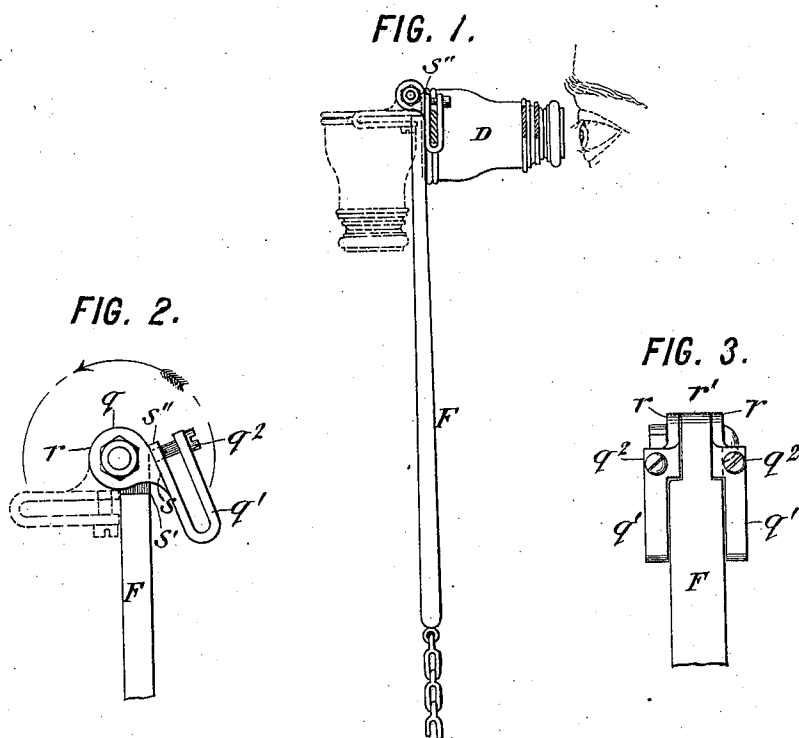


(No Model.)

J. W. PATTERSON.
HANDLE FOR OPERA GLASSES.

No. 576,687.

Patented Feb. 9, 1897.



INVENTOR:

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UNITED STATES PATENT OFFICE.

JAMES WILLIAM PATTERSON, OF NEW YORK, N. Y.

HANDLE FOR OPERA-GLASSES.

SPECIFICATION forming part of Letters Patent No. 576,687, dated February 9, 1897.

Application filed December 4, 1889. Serial No. 332,564. (No model.)

To all whom it may concern:

Be it known that I, JAMES WILLIAM PATTERSON, a subject of the Queen of Great Britain, residing in New York city, in the county and State of New York, have invented certain new and useful Improvements in Handles for Opera-Glasses, of which the following is a specification.

This invention relates to handles for opera-glasses wherein the glass has pivoted to it a handle by which to hold it when in use and which may be turned either at right angles to the axis of the glass when in use or parallel therewith when the glass is confined in a holder such as is disclosed in several of my applications and patents as well as the holder now in use.

In the accompanying drawings, Figure 1 is an elevation of the opera-glass and handle; showing the glass parallel with the handle in dotted lines and at right angles thereto in full lines. Figs. 2 and 3 are side and front views, respectively, of the handle, showing in detail the construction of its jointed section to which the glass is attached.

The opera-glass is provided with a handle F, which is hinged or pivoted to the glass in such a manner that the latter may be turned at right angles to it, as shown in full lines in Fig. 1, which is the position in which it is designed to be used, or may be turned to the opposite side of the handle and parallel therewith, as shown in dotted lines in Fig. 1, which is the position assumed when the glass is applied to a holder. The handle is constructed with a pivoted section *g*, which is fastened in a permanent manner to the opera-glass and is pivoted to the handle proper through the medium of a joint or connection which admits of its being turned through an arc of approximately two hundred and seventy degrees. The section *g* consists of two pieces, each formed with a U-shaped clip *g'*, which clips are adapted to engage the cross-bar or yoke at the outer ends of the opera-glass, and which are drawn into firm engagement therewith by screws *g²*. Each piece has an ear *r*, the two ears coming against the opposite sides of the head *r'* on the handle and being pivoted thereto by means of a screw-bolt or pintle passed through them and the head. When the opera-glass is in the position shown in full lines in Fig. 1, a shoulder *s* on these opposite sections abuts against a shoulder *s'* on the handle proper. The sec-

tions *g* may be turned through an arc of about two hundred and seventy degrees, as indicated by the dotted lines in Fig. 2, until a shoulder *s''* abuts against the handle F. In this position the glass lies parallel with and close against the handle, as shown in dotted lines in Fig. 1. The abutment of these shoulders is not essential, as the movement may be limited in either direction by the striking of the opera-glass itself against the handle F. The object of this construction of handle is that when the opera-glass is folded against it the greatest possible compactness may be attained, while when the opera-glass is in use by turning it to the other side of the handle its axis will be brought into a horizontal position when the handle is held vertically, as it most conveniently is while in use, and the weight of the glass tends to keep it in this position relatively to the handle instead of tending to cause it to fly back to its original position.

I claim as my invention the following-defined novel features and combinations, substantially as hereinbefore specified, namely:

1. The combination with an opera-glass, of a handle therefor having a pivoted section movable through an arc of approximately three-fourths of a circle, and fastened to the opera-glass, whereby the glass may be folded against and parallel with the handle, or be turned over the end thereof to a position at right angles to the handle.

2. An opera-glass holder consisting of U-shaped clips, ear-pieces integral with said clips, shoulders formed by said clips, and a handle, shoulders formed on the upper end of said handle which coact with the shoulders on said clips.

3. The combination with an opera-glass, a holder consisting of a handle having a head *r'* and shoulders *s'*, ear-pieces *r* pivoted on each side of the head *r'* on the handle, a shoulder *S* formed on said ears, U-shaped clips *g'* integral with the ear-pieces *r*, and set-screws *g²* secured in the upper end of said clips, substantially as described.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

JAMES WILLIAM PATTERSON.

Witnesses:

GEORGE H. FRASER,
CHARLES K. FRASER.