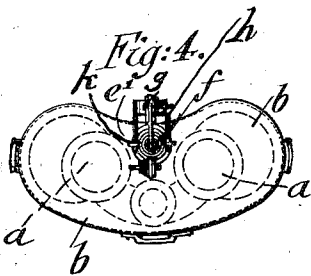
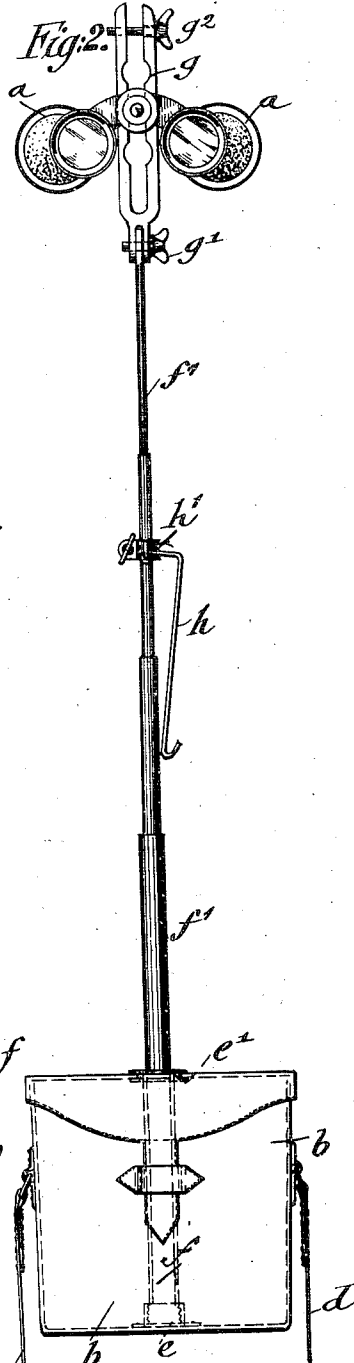
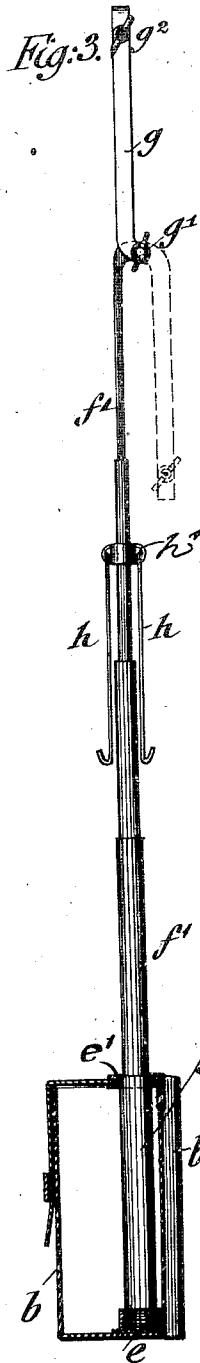
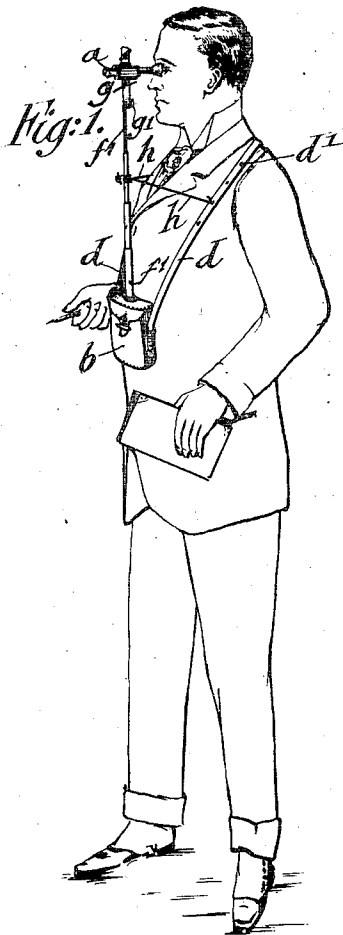


H. NEUBURGER.
SUPPORTING ATTACHMENT FOR FIELD GLASSES.
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1,018,771.

Patented Feb. 27, 1912.



Witnesses:
John Murtagh
L. J. Murphy

Inventor
Hugo Neuburger
By his Attorneys
Greene, Greene

UNITED STATES PATENT OFFICE.

HUGO NEUBURGER, OF ST. GALLEN, SWITZERLAND.

SUPPORTING ATTACHMENT FOR FIELD-GLASSES.

1,018,771.

Specification of Letters Patent.

Patented Feb. 27, 1912.

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To all whom it may concern:

Be it known that I, HUGO NEUBURGER, a citizen of the Confederation of Switzerland, residing at St. Gallen, in said Confederation, have invented certain new and useful Improvements in Supporting Attachments for Field-Glasses, of which the following is a specification.

This invention relates to an improved support for field-glasses, opera glasses, and the like, so that they can be supported in front of the eyes without the use of the hand or hands for military and marine purposes; alpine ascensions and aviation purposes; and for this purpose the invention consists of a supporting attachment for field or opera glasses, comprising a telescoping post supported in the bottom and top of the case of the field or opera glass, a clamping-joint at the upper end of the innermost telescoping section, a fork-shaped clamp or holder for the field or opera glasses above said joint, and brace-rods applied to one of the telescoping sections and adapted to be connected with holes in the shoulder-strap of the case.

The invention consists further of certain details in construction, as will be fully described hereinafter and finally pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my improved support for field glasses and the like, shown in position for use, Fig. 2 is a front-elevation of the improved support, drawn on a larger scale and showing the same extended to a sufficient extent for holding the field glasses on a level with the eyes, Fig. 3 is a side-elevation of Fig. 2, partly in section through the case of the field glasses, and Fig. 4 is a plan-view of the case, showing the field glasses, in dotted lines, in the same, and the telescoping support and brace-rods folded alongside of the case.

Similar letters of reference indicate corresponding parts throughout the several figures of the drawings.

Referring to the drawings, *a* represents a field glass of any approved construction, *b* the case for the same, *d* the shoulder-strap for carrying the same. The shoulder-strap is provided with a number of holes *d*¹ in each side thereof. An interiorly-threaded and a smooth socket *e* and *e*¹ are preferably arranged on the bottom and in the cover of the

case, in the space not required by the field glasses when folded up and placed in the case. Into the sockets *e*, *e*¹ is inserted the lower screw-threaded section of a telescoping support *f* which can be extended for a distance approximately equal to the distance between the case, when suspended by the shoulder-strap in front of the body, and the eyes of the person using the field glasses. The telescoping support *f* is formed of a plurality of telescoping sections *f*¹ which are frictionally connected with each other so as not to collapse when extended.

To the uppermost section of the support *f* is applied by means of a clamping-joint *g*¹ a fork-shaped upper end or holder *g* for the field glasses, which holder is applied to the center-post of the field glasses by means of a clamping-screw *g*² which passes through the upper end of the fork-shaped holder, as shown in Fig. 2. The fork-shaped holder is provided with several interior recesses for fitting around the supporting post of the field glasses. The shoulder-strap *d* is placed over both shoulders so that the case *b* is supported in front above the abdomen and the extended support midway in front of the person who intends to use the field glasses.

Two wire braces *h* are pivoted to opposite sides of a clamping-ring *h*¹ which is applied to one of the intermediate sections of the support, the outer ends of the brace-rods being provided with hook-shaped ends that can be inserted into the holes *d*¹ of the shoulder-strap *d* so that the field glasses supported in the fork-shaped holder are steadily held before the eyes without shaking or wobbling. By the clamping joint of the fork-shaped holder the position of the field glasses relatively to the eye can be set higher or lower, while by the clamping-joint below the holder they can be set in different inclinations, and by an axially-turning motion imparted to the upper section of the telescoping support, the holder and the field glasses supported thereon can be set to either side as required. When the field glasses are properly adjusted in front of the eyes, they can be used for observation purposes independently of the hands which are left free for making notes, sketches and the like. After the field glasses have been used, they are removed from the holder by detaching the uppermost clamping screw of the same and returned into the case after unscrewing

the lowermost section of the telescoping support therefrom. The attachment may then be folded separately by pushing the telescoping sections into the lowermost section and folding the brace-rods and holder alongside of the same. The thus folded telescoping attachment can be carried in a special cover or bag. The lower section of the telescoping support may also be screwed into the case, the telescopic sections pushed inwardly into the lowermost section, the clamping-ring for the brace-rods shifted up against the clamping-joint of the holder, and then the brace-rods and holder folded downwardly alongside of the case, as shown in Fig. 4. In this way the supporting attachment may be conveniently carried in the traveling bag or on the shoulders alongside of the case of the field glasses.

The attachment may also be used for supporting opera glasses, leaving thereby the hands free for reading the text at the opera. Its principal purpose, however, is for the use of military and naval officers, for use in mountain climbing, and for aviation and sporting purposes generally.

I claim:

1. A supporting attachment for field glasses, comprising a telescoping-support, means for attaching the same to the case of the field glasses, a holder applied to the uppermost section of the support, a clamping-joint for said holder, brace-rods applied to one of the intermediate sections of the sup-

port, and a perforated shoulder-strap for the braces.

2. The combination, with the case of a field glass, provided respectively in the bottom with interiorly-threaded screw-sockets and with a guide-socket in the cover, of a telescoping support adapted to be screwed into the bottom socket, a clamping holder at the upper end of the support, a clamping-joint connecting the holder with the uppermost section of the support, brace-rods applied to one of the intermediate sections of the telescoping support and a suspension-strap for the case provided with holes for connecting the brace-rods thereto.

3. A supporting attachment for field glasses, comprising a case for the field glass, a suspension-strap for the case provided with holes, fixed sockets in said case, a telescopic supporting-rod secured to said sockets, a forked holder at the upper end of said telescoping support, a clamping joint between said holder and the uppermost section of the support, and brace-rods pivoted to the support and connected by their hook-shaped ends with the perforated suspension-strap.

In testimony, that I claim the foregoing as my invention, I have signed my name in presence of two subscribing witnesses.

HUGO NEUBURGER.

Witnesses:

PAUL GOEPFEL,
L. M. DORMAN.