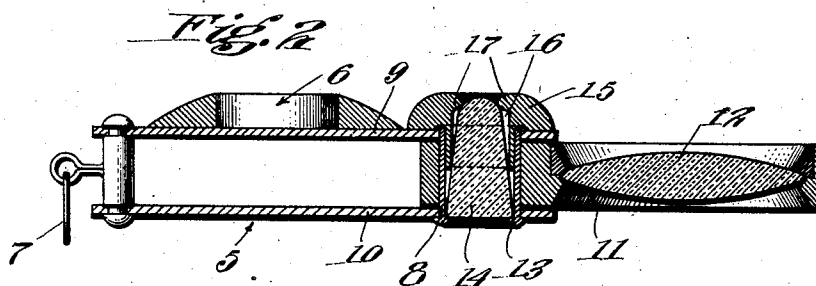
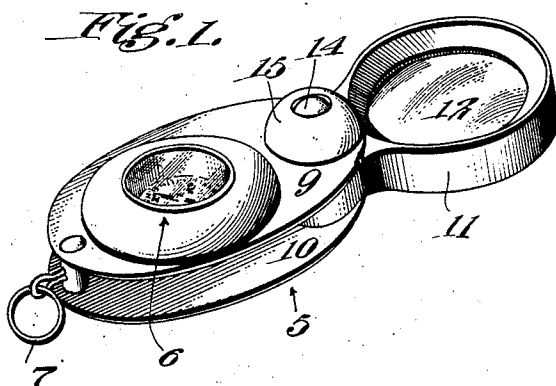


No. 889,352.

PATENTED JUNE 2, 1908.

F. BOLD.
MAGNIFYING GLASS.
APPLICATION FILED JAN. 13, 1908.



Witnesses
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UNITED STATES PATENT OFFICE.

FRED BOLD, OF LOS ANGELES, CALIFORNIA.

MAGNIFYING-GLASS.

No. 889,352.

Specification of Letters Patent.

Patented June 2, 1908.

Application filed January 13, 1908. Serial No. 410,485.

To all whom it may concern:

Be it known that I, FRED BOLD, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Magnifying - Glasses, of which the following is a specification.

This invention relates particularly to a novel form of mounting for a lens whereby I am enabled to make a combination of two lenses without increasing the size of the complete mounting beyond what is usually employed for one lens.

To this end my invention consists of a combination with an ordinary pocket magnifying glass of a mounting for a high power lens within the pivot of the usual or low power lens so that the space ordinarily utilized by the pivot may be occupied by the high power lens.

I accomplish the above by means of the device described herein and illustrated in the accompanying drawings in which:—

Figure 1,— is a perspective view of my magnifying glass in its open position. Fig. 2,— is a longitudinal section of the same.

Referring to the drawings 5 designates a magnifying glass case, of the construction usually employed for pocket glasses and which may be provided with a compass 6 and a securing ring 7 or any other attachment which may be desired.

At the end of case 5 opposite ring 7 a bearing sleeve 8 is mounted between the two side members 9 and 10 of case 5. Upon this bearing sleeve a frame 11 is rotatively mounted, according to the usual construction, and this frame carries a lens 12 which is of comparatively low power.

Sleeve 8 is provided on its lower end with a shoulder 13 upon which a high power lens 14 rests, the lens being placed within the sleeve with its upper end projecting above the same. This high power lens is preferably of the pyramidal form shown although it may be of any other configuration which lends itself to placement inside of sleeve 8. A bushing 15 is adapted to fit tightly within

sleeve 8 and is provided with an internal bore 16 which is contracted at its end to form a circular shoulder 17 which bears against the upper end of lens 14 and holds the same rigidly in position. Bushing 15 is adapted to remain in place by being tightly fitted but it may be cemented in or secured in any other manner which is deemed desirable.

From the foregoing description it will be observed that my novel form of mounting permits the combination of two magnifying lenses in one instrument without increasing the size of the case in which they are mounted. This is on account of the fact that sleeve 8 or the equivalent bearing for frame 11 must be of sufficient size to prevent the frame from becoming loose thereon and to insure an even rotation of the frame. I have utilized this space which is usually unnecessarily occupied by the bearing and therefore do not increase the size of the magnifying glass as a whole.

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

1. A device of the class described, comprising a pivotally mounted lens, and a second lens mounted within the pivot of said first named lens.

2. A magnifying glass comprising a case, a hollow pivot mounted in said case, a lens mounted on said pivot, a lens within said pivot, and a bushing adapted to fit within said pivot and over said lens.

3. A magnifying glass comprising a case, a sleeve mounted within said case, a frame rotatively mounted on said sleeve, a lens mounted in said frame, a lens within said sleeve, and a bushing adapted to fit over said lens and hold the same in said sleeve.

In witness that I claim the foregoing I have hereunto subscribed my name this 4th day of January, 1908.

FRED BOLD.

Witnesses:

EDMUND A. STRAUSE,
OLLIE PALMER.