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A. M. DRITZ

SUPPORT FOR WORK MAGNIFYING LENSES

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Fig. 1.

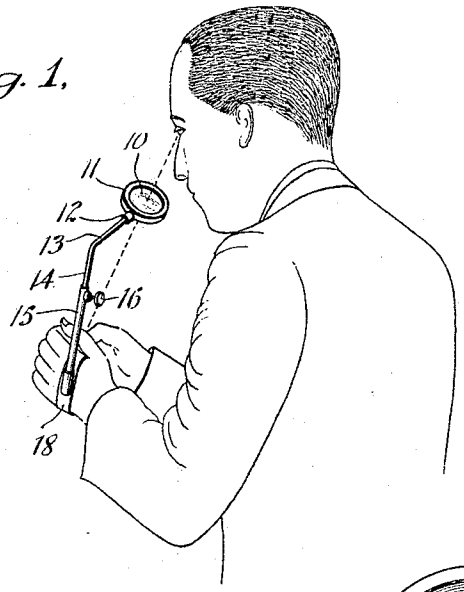
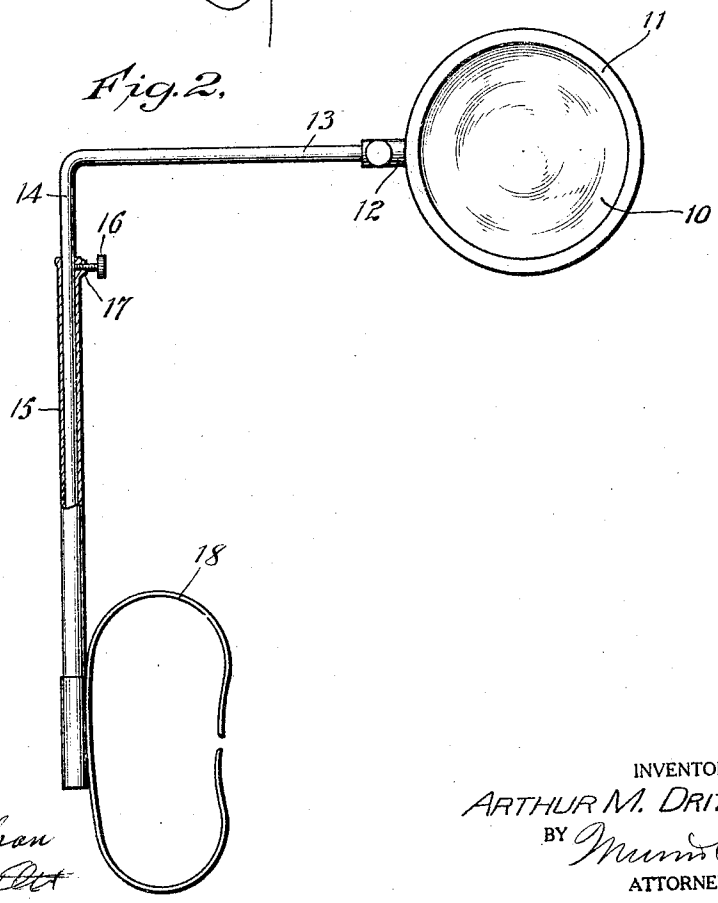


Fig. 2.



WITNESSES

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SUPPORT FOR WORK-MAGNIFYING LENSES.

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This invention relates to supports and refers more particularly to a device for supporting a work-magnifying lens from the hand of an operator in a convenient position to observe the work through the magnifying lens.

In stringing small beads, working fine embroidery, knitting, or accomplishing other similar tasks upon fine objects where the use of a magnifying lens is necessitated but the operator requires the use of both hands and free unhampered movement of the fingers in carrying out the work, no convenient means has heretofore been devised for properly supporting the lens with relation to the work and the workman's eyes and hands. It is, therefore, the principal object of the present invention to provide a support for a work-magnifying lens which will conveniently dispose the said lens in juxtaposition to the work and the workman's eyes and hands.

The invention further comprehends a support for a work-magnifying lens, which is readily adjustable in various planes and which is attachable to the hand, wrist, arm, or other part of the workman.

The invention furthermore contemplates a device of the character described which is extremely simple in its construction and mode of use, inexpensive in its manufacture, and highly efficient in its purpose.

In the drawings—

Figure 1 is a perspective view illustrating a support constructed in accordance with the invention and the manner of its use;

Fig. 2 is a side view thereof partly in section.

Referring to the drawings by characters of reference, 10 designates a lens mounted in a supporting rim 11 and having swiveled connection, as at 12, with the angularly disposed extremity 13 of an arm or rod 14, which is mounted within a tubular element or sleeve 15 for telescopic and rotary movement. A set screw 16 is threaded through the boss portion 17 adjacent the upper end of the tubular member or sleeve 15 for the purpose of engaging and retaining the arm or rod 14 against relative turning or telescopic movement with respect to the tubular member or sleeve 15. The lower end of the sleeve or tubular member 15 has attached thereto an embracing loop 18 which may be in the nature of a split element as shown, an elastic band, or a strap having a buckle or other means for adjusting the size of the same. Preferably the embracing loop 18 is designed to engage around the center of the hand with the tubular element or sleeve 15 extending upwardly therefrom and from the back of the hand so as not to interfere with the use of the hand in accomplishing the work. When thus arranged on the hand, wrist, arm, or other part of the workman's body, the lens is adjusted due to its swiveled connection and due to the adjustability of the rod 14 with respect to the element 15. When adjusted to the proper position, it is obvious that the observer may view the magnified work through the lens to accomplish the same. The invention will be found particularly useful to the dental workers in the handling of dental objects; to doctors for the removal of foreign objects from the eye; the closer inspection and examination of objects; to the jeweler in the setting or handling of stones, rings, watches, etc.; to the machinist in the handling and adjusting of delicate mechanisms; to the crocheter, knitter and houseworker, and to the embroiderer, bead worker, and the like.

What is claimed is:

In a support for work-magnifying lenses, a lens frame, a stem having swiveled connection to said frame, an angular terminal on said stem, a tubular shank in which said stem terminal is rotatably and telescopically adjustable, means for retaining said elements against relative movement, and an attaching loop carried by the free end of the tubular shank for embracing the middle of the hand with the tubular shank disposed at the center of the back of the hand, whereby the device is supported from the hand without interfering with the free use thereof in accomplishing the work.

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