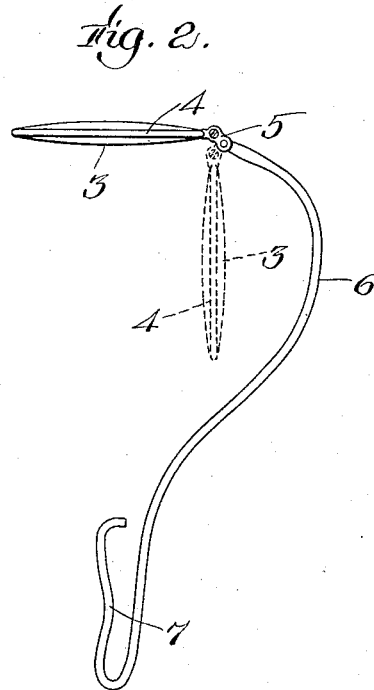
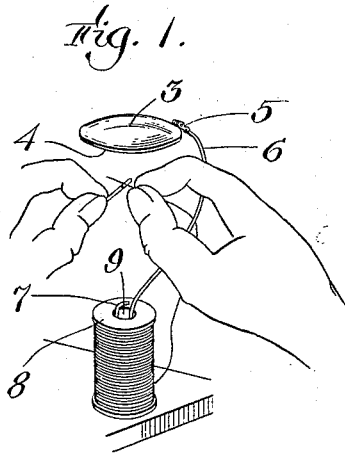


W. C. ADAMS.
MAGNIFYING DEVICE FOR THREADING NEEDLES.
APPLICATION FILED MAY 29, 1915.

1,171,687.

Patented Feb. 15, 1916.



Inventor:
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UNITED STATES PATENT OFFICE.

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MAGNIFYING DEVICE FOR THREADING NEEDLES.

1,171,687.

Specification of Letters Patent.

Patented Feb. 15, 1916.

Application filed May 29, 1915. Serial No. 31,287.

To all whom it may concern:

Be it known that I, WILLIAM C. ADAMS, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Magnifying Device for Threading Needles of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to a magnifying device for use in threading needles and like work.

The principal object of my invention is to provide a device which will enable persons with poor eye sight to thread needles without straining the eyes and to this end I provide means for magnifying the thread and needle so that the operation of threading the needle may be more easily performed.

Another object is to provide a device which is convenient in form and can be set up for use without requiring a special supporting apparatus.

A further object of the invention is to provide a device which is simple and cheap in construction and small and compact in compass.

Other objects of the invention will be more specifically set forth and described hereinafter.

In the accompanying drawings illustrating the preferred embodiment of my invention, Figure 1 is a view in perspective showing a device made in accordance with my invention mounted on an ordinary spool and in actual use for threading a needle, and Fig. 2 is a side elevation of the device showing in dotted lines the magnifying member in a folded position.

Referring to the drawings, the preferred embodiment of my invention comprises a magnifying member or glass 3, preferably mounted in a supporting rim 4 which is connected by a hinge 5 to a supporting member 6. The latter is made of flexible wire and is preferably bent into the form shown in Fig. 2, having its lowermost end turned back to form a hook or clamp 7, by means of which the device may be supported in an operative position.

In Fig. 1 the device is shown as mounted in a spool 8 of ordinary construction, the

hook or clamp 7 being forced within the bore 9 of the spool. This is the principal method of supporting the device and probably the most convenient because it is obvious that where a needle is to be threaded there is generally a spool at hand in which to mount the device. It is also apparent that my device may be mounted on a sewing machine or other article of furniture by utilizing the hook or clamp 7 for grasping some portion of the article. The position of the supporting member 6 in thus mounting it is immaterial because the magnifying member can be moved on the hinge 5 into the position necessary for use. The supporting member may, if necessary, be bent into any form to accomplish this purpose.

By having the rim hinged to the support the device may be folded as shown by the dotted line in Fig. 2, when not in use, to reduce its compass and may then be carried in any small sewing bag or receptacle.

In the use of my invention it is mounted in the spool, as shown in Fig. 1, or attached to some stationary part of a machine or other object, and the magnifying member 3 is then turned into proper position so that when the needle and thread are held underneath the glass in the position shown in Fig. 1, they can be seen as magnified through the glass.

It will be obvious that the device is extremely simple both in construction and operation and is of such small compass that it can be carried in a small sewing bag or work basket.

What I claim is:—

1. A magnifying device for threading needles comprising a magnifying lens and a support therefor; said support being provided with a hook for engaging the bore of a spool in order to hold the support in an upright position.

2. A magnifying device for threading needles comprising a magnifying lens, a supporting rim therefor and a flexible supporting member hinged to said rim and having its lower end turned to form a resilient hook whereby it may be mounted within the bore of a spool.

3. A magnifying device for threading needles comprising a magnifying lens, a sup-

porting rim therefor and a flexible supporting member hinged to said rim the lower end of said flexible supporting member being turned to form a hook or clamp whereby it
5 may be temporarily attached to a fixed support.

In witness whereof, I hereunto set my

hand in the presence of two subscribing witnesses, this the twenty-sixth day of May, 1915.

WILLIAM C. ADAMS.

Witnesses:

F. J. V. DAKIN,
E. F. UNIAC.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."