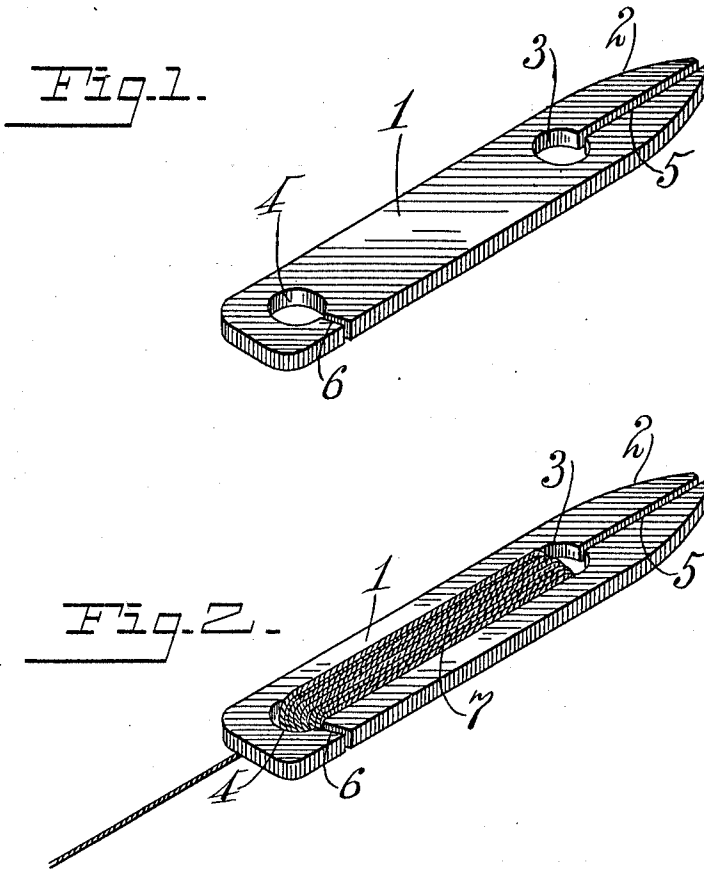


W. S. JUDY.
SHUTTLE.

APPLICATION FILED MAY 8, 1911.

1,004,656.

Patented Oct. 3, 1911.



Witnesses
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UNITED STATES PATENT OFFICE.

WESLEY S. JUDY, OF DAYTON, OHIO.

SHUTTLE.

1,004,656.

Specification of Letters Patent.

Patented Oct. 3, 1911.

Application filed May 8, 1911. Serial No. 625,718.

To all whom it may concern:

Be it known that I, WESLEY S. JUDY, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Shuttles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in shuttles.

The object of the invention is to provide a shuttle which is especially adapted for use in connection with hand-sewing awls.

With this end in view the shuttle consists of an elongated flat member having one end tapered and adapted to enter the loops in the thread formed by passing the sewing awl through the material to be sewed.

In more particularly describing my improved shuttle, reference is made to the accompanying drawings, of which—

Figure 1 is a perspective view of the shuttle; Fig. 2 is a similar view showing the same wound with thread or sewing cord.

Describing the shuttle more particularly, it consists of a flat oblong plate 1 tapered at its front end as at 2, and the rear end of which terminates at a right angle to the plane of the body. Lying a suitable distance in from the front end, is an opening 3 with which a slot 5 communicates. The slot 5

extends longitudinally from the extreme front end of the shuttle and enables the thread to be wound upon the shuttle as shown in Fig. 2. At the rear end of the shuttle a similar opening 4 is provided with which communicates a thread slot 6. This latter slot extends inwardly from a longitudinal edge of the shuttle, and serves a function at that end of the shuttle similar to the slot 5. The thread extends rearwardly from the shuttle, through the eye of the needle and around the bobbin of the sewing awl in a manner that will be readily understood. The sewing awl which comprises a needle and a spool or bobbin has not been illustrated for the reason that it is a well known device and forms no part of the present invention. It is only incidentally mentioned herein in pointing to the utility and purpose of the improved shuttle.

Having described my invention, I claim:

An improved shuttle for sewing awls, comprising an elongated member having an opening in each end thereof, the portion of said member between said openings providing a thread support, and slots extending through said member to said openings and providing entrances for the thread in winding or unwinding the same.

In testimony whereof I affix my signature, in presence of two witnesses.

WESLEY S. JUDY.

Witnesses:

R. J. McCARTY,
HOWARD S. SMITH.