

(No Model.)

E. N. PAUL.
SPOOL HOLDER.

No. 567,040.

Patented Sept. 1, 1896.

Fig. 1.

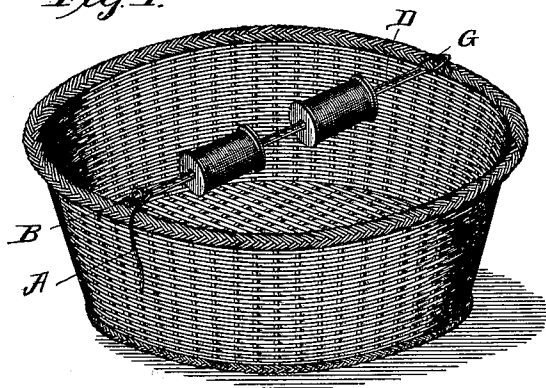


Fig. 2.

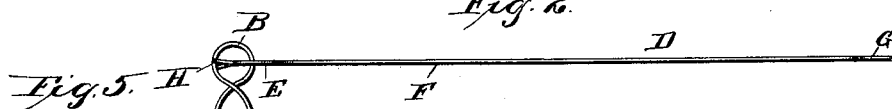


Fig. 3.

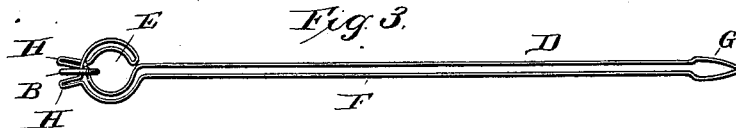
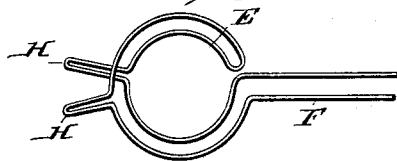


Fig. 4.



Witnesses

E. W. Wurdeman
S. J. Williamson

Inventor

Edward N. Paul
by *Geo. H. Holgate*
Attorney

UNITED STATES PATENT OFFICE.

EDWARD N. PAUL, OF PHILADELPHIA, PENNSYLVANIA.

SPOOL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 567,040, dated September 1, 1896.

Application filed March 31, 1896. Serial No. 585,581. (No model.)

To all whom it may concern:

Be it known that I, EDWARD N. PAUL, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Spool-Holders, of which the following is a specification.

My invention relates to a new and useful improvement in spool-holders, and has for its object to provide a device of this description which may be attached to any ordinary work-basket or like receptacle, and when so attached will serve to hold a number of spools to prevent them from becoming entangled with other articles placed in the basket, so as to facilitate the selection of the desired thread, and when so selected a length may be drawn from either of the spools without removing it from the holder.

With these ends in view my invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction and operation in detail, referring by letter to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is a perspective of a basket having my improvement applied thereto, showing two spools carried thereby; Fig. 2, an enlarged side elevation of my improvement; Fig. 3, a plan view thereof; Fig. 4, an enlarged detail view of the connection by which the holder is attached to the clamp, and Fig. 5 is a slightly-modified form of the clamp by which the device is attached to a basket.

Referring to the drawings, A represents a clamp, preferably formed of a single piece of spring-wire so bent as to provide an eye B and a fork composed of the prongs C, which latter are adapted to spring over the edge of a basket or other receptacle, as clearly shown in Fig. 1, and be retained thereon by the resiliency of the wire of which the clamp is composed.

D is the holder proper, and this I also prefer to construct of a single piece of wire so

bent as to form a double eye E, which is adapted to engage with the eye B, so that the holder may be swung in a vertical position. In forming this holder I prefer to run two sections of the wire parallel with each other to produce the eye E and body F, and form upon the outer end thereof a loop G, which is spear-shaped, so that the spool may be passed onto the body by forcing it over this loop, the sides of which will be depressed during the passage of the spool and will again spring outward to prevent the accidental withdrawal of said spool.

In order to prevent the body from swinging sidewise, and thus leaving its proper position relative to the basket, ears H are formed upon the rear portion of the eye E, one on each side of the two sections, in the manner clearly shown in Fig. 4, and these ears, when the holder is in position, embrace one side of the eye B, as clearly shown, thus limiting the holder to a vertical swinging movement in one plane.

In use this device is attached to one edge of a basket, as before described, and the outer end of the holder rests upon the opposite side of the basket, as clearly shown in Fig. 1, in which position the spools will be held horizontally upon the body, thus permitting easy access to any of said spools for the selection of the thread desired, and which will also permit the baling off of a given length of thread without interfering with the remaining spools or without removing the one used from the holder, as will be readily understood. This holder may be of such a length as to contain a number of spools, but in practice it is preferable that the length thereof shall be in proportion to the size of the basket to which it is to be attached.

In the modification shown in Fig. 5 the clamp I is adapted to be woven into the meshes of the basket, as but one end of the material from which said clamp is made projects downward, and this material is preferably a thin strip of sheet metal, the opposite end of which is turned upward, as indicated at J, for the reception of a spool, as clearly shown.

Other slight modifications might be made in the construction here described without

departing from the spirit of my invention, and I therefore do not wish to be limited to this exact construction.

Having thus fully described my invention, what I claim as new and useful is—

1. In a device of the character described, a clamp having a loop on one end and a holder having an eye and ears formed thereon said eye adapted to surround one side of the loop of the clamp and the ears adapted to embrace the other side thereof, as and for the purpose described.

2. In a device of the character described, a clamp having a loop on one end, a holder composed of a single piece of wire bent to form two parallel sections having a spear-shaped loop on one end and an eye on the other said eye adapted to engage the loop of the clamp and having an ear formed on each section to

embrace the other side of said loop, as and for the purpose described.

3. The herein-described combination of the clamp A having a spring-fork adapted to engage the edge of a basket and an eye B formed therewith, a holder composed of a body, an eye E formed therewith, ears formed with said eye adapted to embrace one side of the eye B to prevent the sidewise swinging of said holder, and a looped head G, substantially as and for the purposes set forth.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

EDWARD N. PAUL.

Witnesses:

S. S. WILLIAMSON,
MARK BUFORD.