

(No Model.)

J. E. BLACKMORE.
SPOOL HOLDER.

No. 444,113.

Patented Jan. 6, 1891.

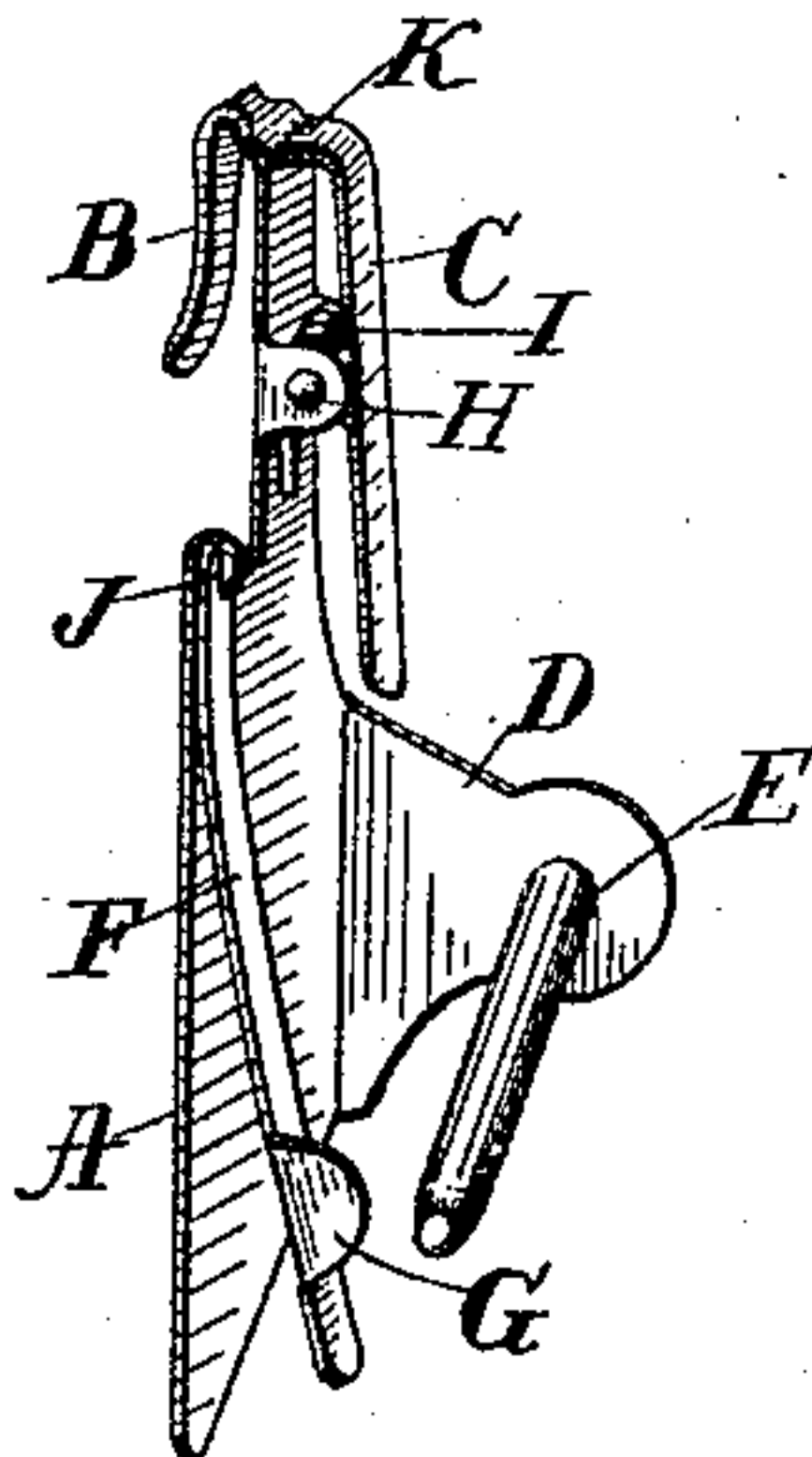


FIG. 1.

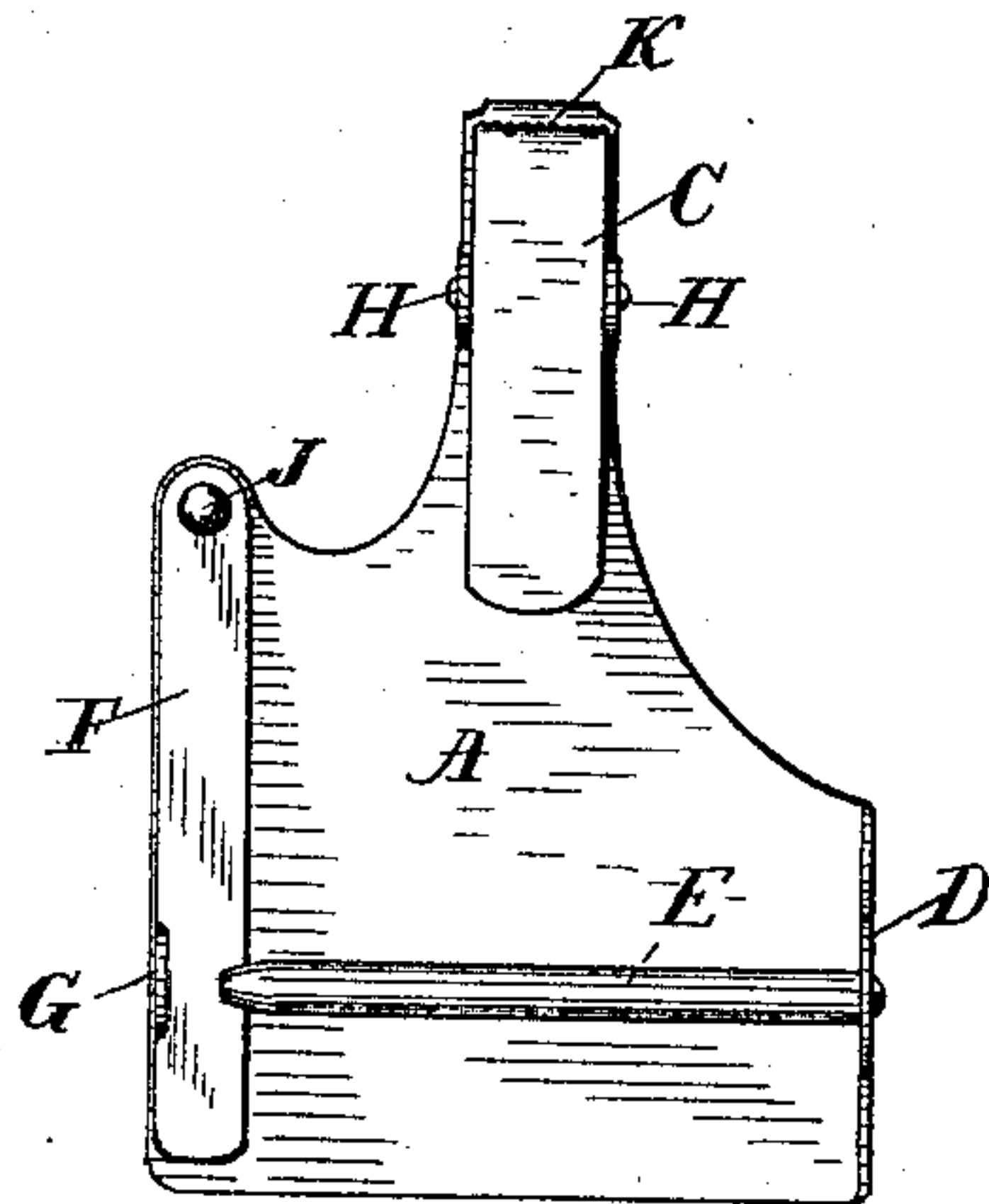


FIG. 2.

WITNESSES:

Charles B. Buchanan
Julius O. Pierce

INVENTOR

James E. Blackmore
BY
Moulton & Rogers
ATTORNEYS

UNITED STATES PATENT OFFICE.

JAMES E. BLACKMORE, OF GRAND RAPIDS, MICHIGAN.

SPOOL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 444,113, dated January 6, 1891.

Application filed August 15, 1890. Serial No. 362,128. (No model.)

To all whom it may concern:

Be it known that I, JAMES E. BLACKMORE, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Spool-Holders; and I do hereby 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.

My invention relates to a spool-holder, and the object thereof is to provide a simple easily-constructed device for holding spools attached to the person using a spool of thread, and thus prevent the spool from becoming lost, and also to provide means of preventing the unwinding of the thread from the spool until wanted; and it consists in the construction, combination, and arrangement of the parts, as hereinafter described, and particularly pointed out in the claim, reference being had to the accompanying drawings, wherein—

Figure 1 is a perspective view of a device embodying my invention, and Fig. 2 a plan view of the same.

Like letters of reference indicate like parts in each of the figures.

A represents a back plate, of sheet metal or other suitable material, having integral a neck provided with ears H H, between which is pivoted a spring-actuated snap-lever C, provided with a notched end K for engaging with the clothing, securing the device to the person of the user and terminating in a hook B for a like purpose, having also integral an

ear D, provided with a spindle E, rigidly secured thereto for holding the spool. Opposite to D is arranged a pivoted arm F, secured to A by pin J. Said arm F is curved upward and is flexible, whereby it presses against the edge of the spool, forcing it against the spindle, thus limiting the movement of the spool and providing a suitable amount of tension upon the thread as it unwinds from the spool. The arm F is also provided with a lug G, which engages the end of the spool and prevents it from slipping off the spindle E.

I claim—

As an improved article of manufacture, a spool-holder comprising a back plate having means of attachment to the person of the user and formed at one side with an outwardly-projecting ear D, a spindle secured at one end to said ear and projecting across the face of said plate, said spindle serving to hold the spool of thread, and a flexible arm F, limiting the movement of the spool on said spindle and exerting a tension on the thread as it unwinds, as set forth, said arm being pivoted at its upper end to the forward face of said back plate, extending thence downward and forward toward the free end of said spindle, and formed near the same with a lug G, engaging the end of the spool.

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

JAMES E. BLACKMORE.

Witnesses:

DENNIS L. ROGERS,
LUTHER V. MOULTON.