

(Model.)

A. STEVENS.

RIBBON HOLDER.

No. 296,887.

Patented Apr. 15, 1884.

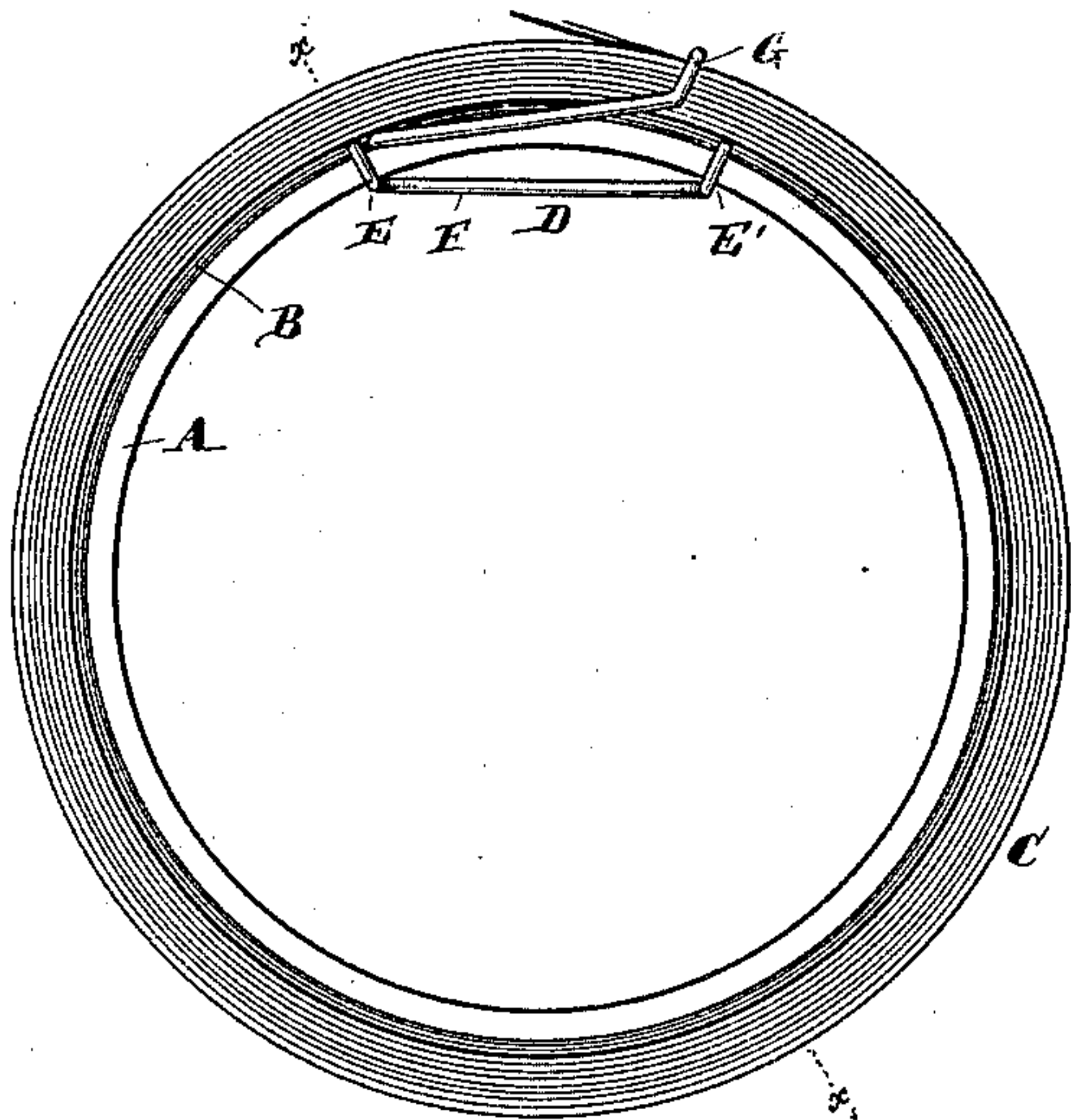


Fig. 1

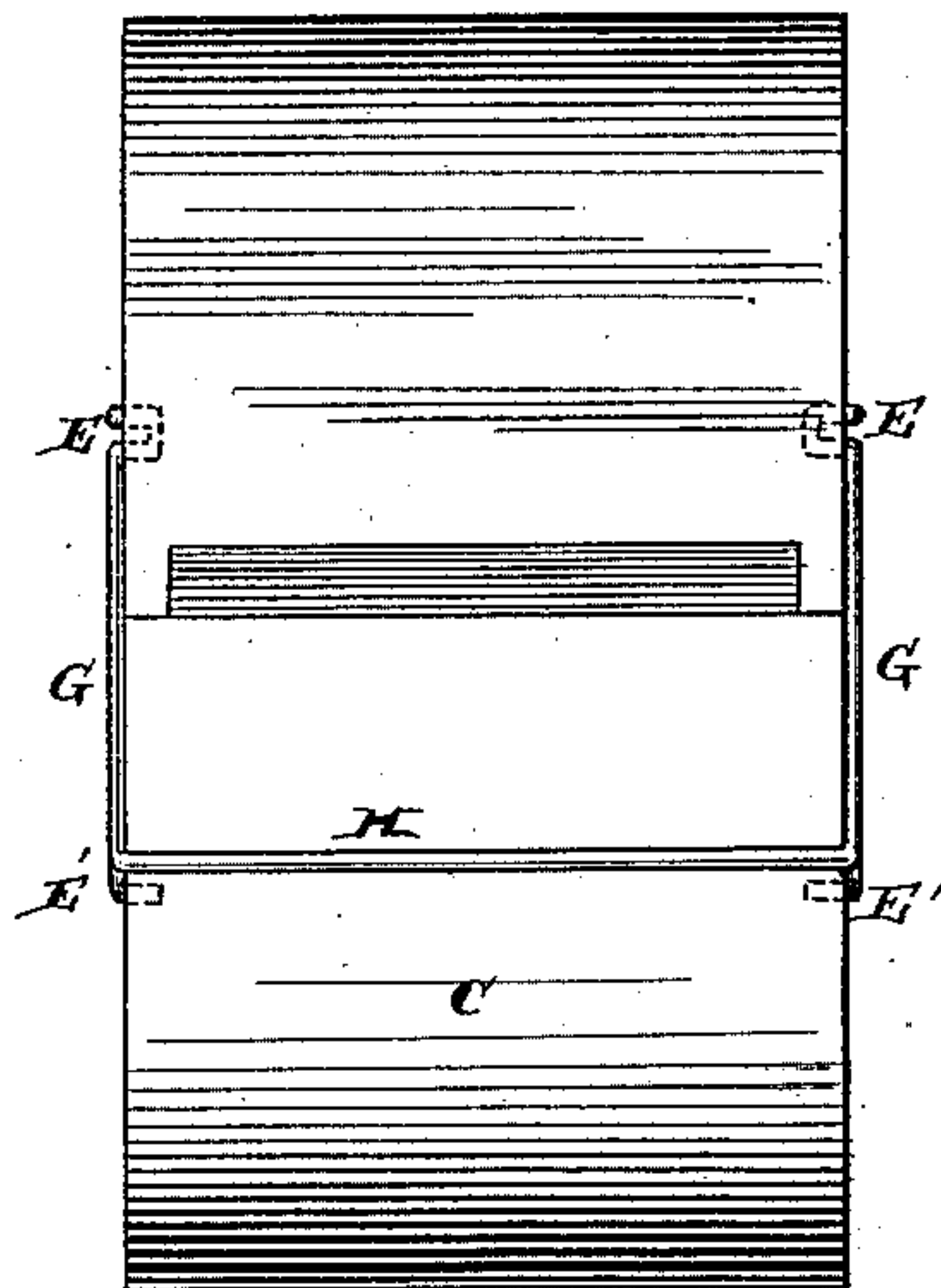


Fig. 2

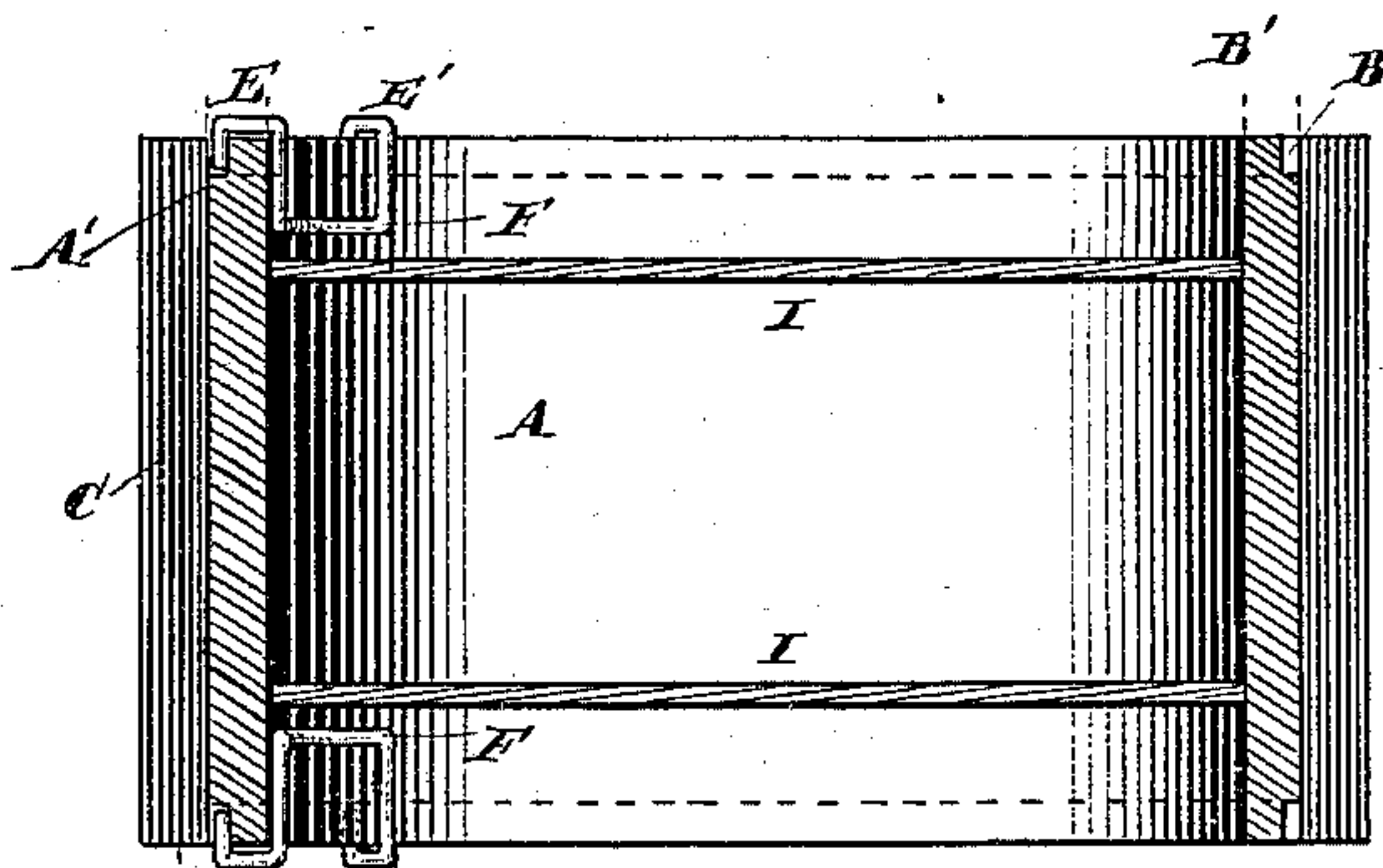


Fig. 3

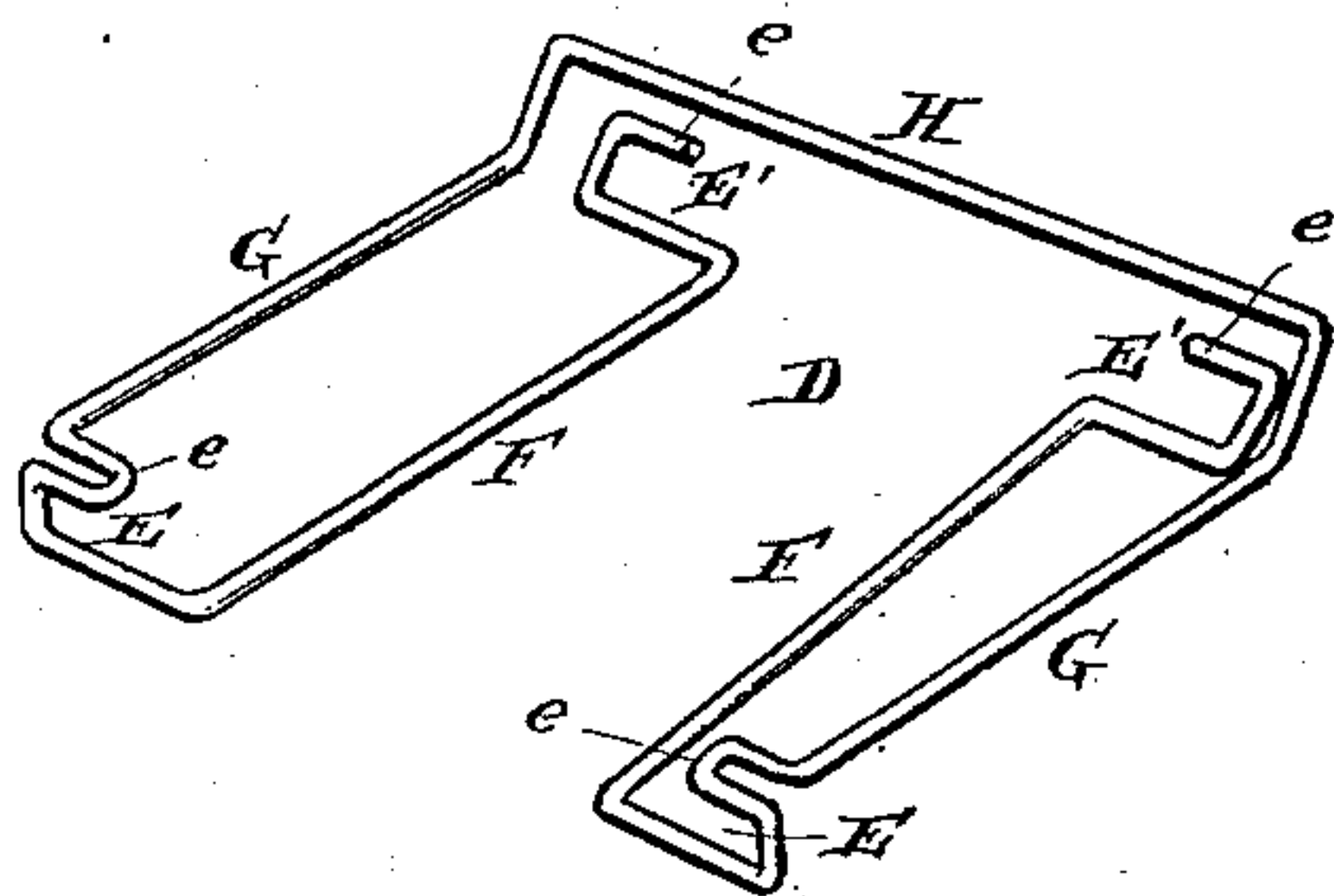


Fig. 4

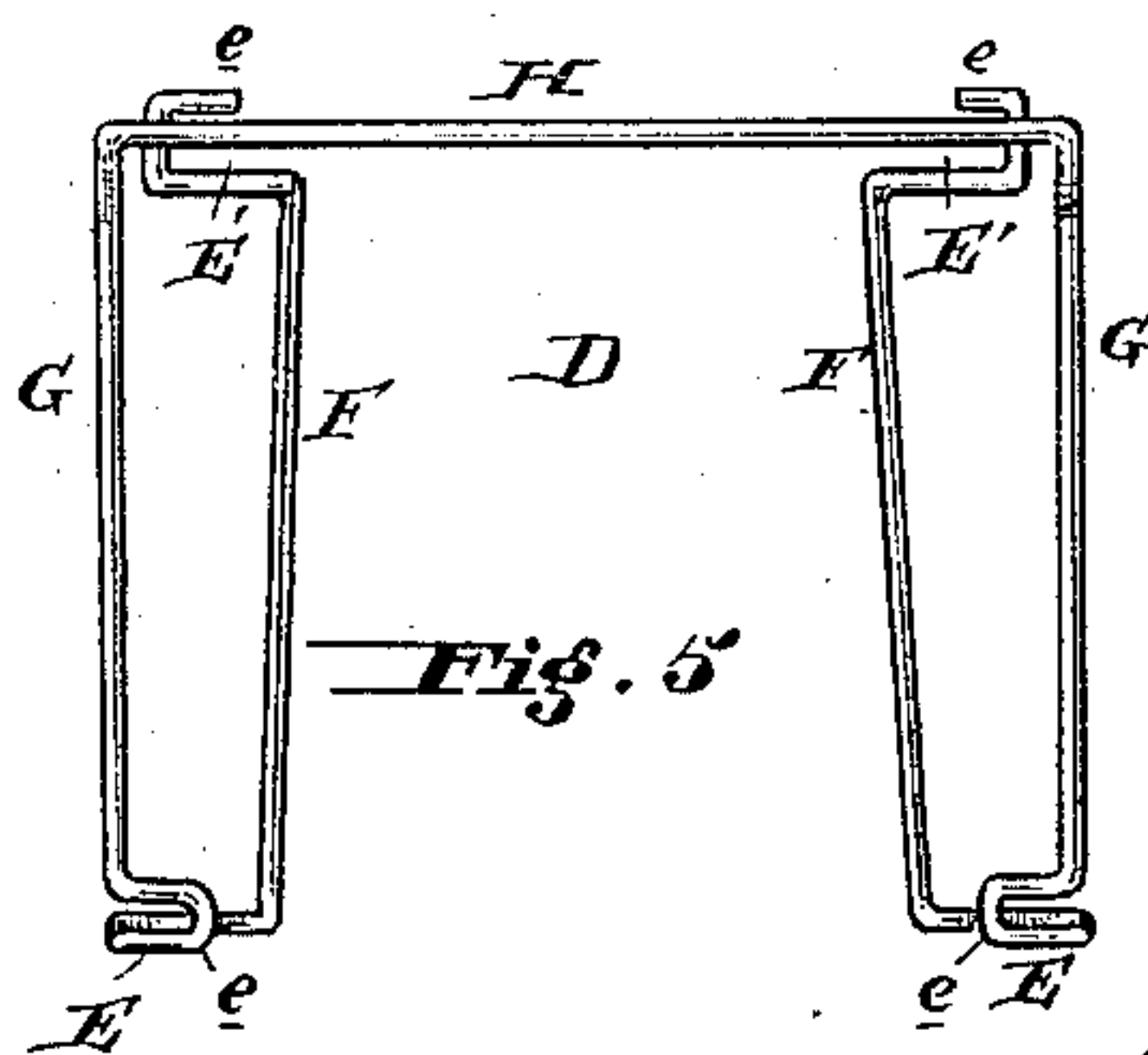


Fig. 5

Attest
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UNITED STATES PATENT OFFICE.

AMOS STEVENS, OF PHILADELPHIA, PENNSYLVANIA.

RIBBON-HOLDER.

SPECIFICATION forming part of Letters Patent No. 296,887, dated April 15, 1884.

Application filed October 18, 1883. (Model.)

To all whom it may concern:

Be it known that I, AMOS STEVENS, of the city of Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented an Improvement in Ribbon-Holders, of which the following is a specification.

My invention has reference to ribbon or tape holders; and it consists in a new and peculiar form of ribbon or tape drum and a novel construction of holder adapted to work in conjunction with said drum, all of which is fully set forth in the following specification and shown in the accompanying drawings, which form part thereof.

The object of my invention is to provide ribbon or tape rolls with suitable, cheap, and effective holders, whereby the necessity of pinning the ribbon or tape to prevent it from unwinding is entirely obviated.

In the drawings, Figure 1 is a side elevation of my improved ribbon-holder. Fig. 2 is a plan view of same. Fig. 3 is a cross-section of same on line *xx* of Fig. 1. Fig. 4 is a perspective view of the holder proper, and Fig. 5 is a plan view of same.

A is a tubular drum-body, one-half the thickness of which is reduced in width, as at A', to form the circumferential grooves B.

C represents the ribbon, or ribbon and paper, which is rolled up on the said cylinder A A'.

D is the holder, and is made of bent wire, and consists of bars or arms F F, provided on its ends with hooks E and E', respectively, which hooks form prongs *e*, and the said hooks and prongs on the respective bars F F point toward each other, as shown. The hooks E and their prongs *e* terminate in the spring-arms G G, the other ends of which are joined together by a cross-bar, H. When removed from the cylinder A, the free ends of arms F F may be bent toward each other, to insure a better clamping action. This holder D is placed upon the rims of the cylinder A, the hooks E E' straddling its edges, and the prongs *e* working in the grooves B. The cross-bar H is pressed down upon the ribbon C by spring-arms G G. By holding the said holder between the finger and thumb, the ribbon may be withdrawn, as desired.

In place of forming groove B, the cylinder

may be made wider, as at B', and the prongs *e* would then have free play without injury to the ribbon.

It is evident that the prongs *e e* and the annular grooves B may be dispensed with, as the spring of the arms G will always cause the arms F, which extend within the cylinder or drum A, to be drawn against the inner face of said tubular cylinder or drum, and they in turn hold the ribbon-holder as an entirety to said drum. If desired, the said cylinder A may have one or more heads, I, in it, to which the advertisement is attached; but they must set back from the edges of the said cylinder A; or the advertisement may be placed upon the inside of the tubular drum body or cylinder A. One advantage in leaving the cylinder A open is that, in packing, smaller rolls of ribbon may be inserted or packed within the larger ones.

While I prefer the form of holder shown, any other form may be used in conjunction with my cylinder A, provided it is formed with means to attach it to said cylinder and be moved thereon.

I am aware of the patent to Deane, No. 277,965, of 1880, and claim nothing therein set forth or claimed, as the only thing common with his device is the use of the annular grooves, which are not necessary to my invention at all, his device being provided with two rings connected by a loop, the said rings running in the grooves formed upon the edges of a solid cylinder, while in my device the cylinder is tubular, and the holder is clamped in place by the spring of the ribbon-clamping arms drawing the interior arms against the inner face of the tubular cylinder, as hereinbefore set forth.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A ribbon-holder consisting of a ribbon-drum having free annular flanges or edges, in combination with a sliding spring-holder adapted to slide upon said free edges and clamp the ribbon, substantially as and for the purpose specified.

2. A ribbon-drum having free annular flanges or edges and circumferential grooves, in combination with a sliding holder adapted

to fit upon and slide upon said free edges, and adapted to clamp the ribbon, the jaws or holding-prongs of said holder running in said grooves, substantially as and for the purpose specified.

3. The ribbon-drum A, provided with one or more heads, I, secured therein so as to leave the edges of said drum clear and form annular flanges, in combination with a spring ribbon-holder, provided with means, substantially as described, to clamp itself to said free edges of the drum, substantially as and for the purpose specified.

4. A ribbon-holder consisting of bars F F, having jaws or hooks E E', prongs e, spring-bars G, and cross-bar H, in combination with

drum A, substantially as and for the purpose specified.

5. The combination of tubular drum A with cross-bar H, spring-arms G, and arms F, running upon the inner face of the tubular drum A, and retained thereon by the spring-arms G, which clamp the ribbon against said drum, substantially as and for the purpose specified.

In testimony of which invention I hereunto set my hand.

AMOS STEVENS.

Witnesses:

R. M. HUNTER,

WILLIAM MCWADE.