

(No Model.)

W. C. PEACOCK & J. W. CRONAN.

RIBBON REEL.

No. 413,545.

Patented Oct. 22, 1889.

Fig. 1

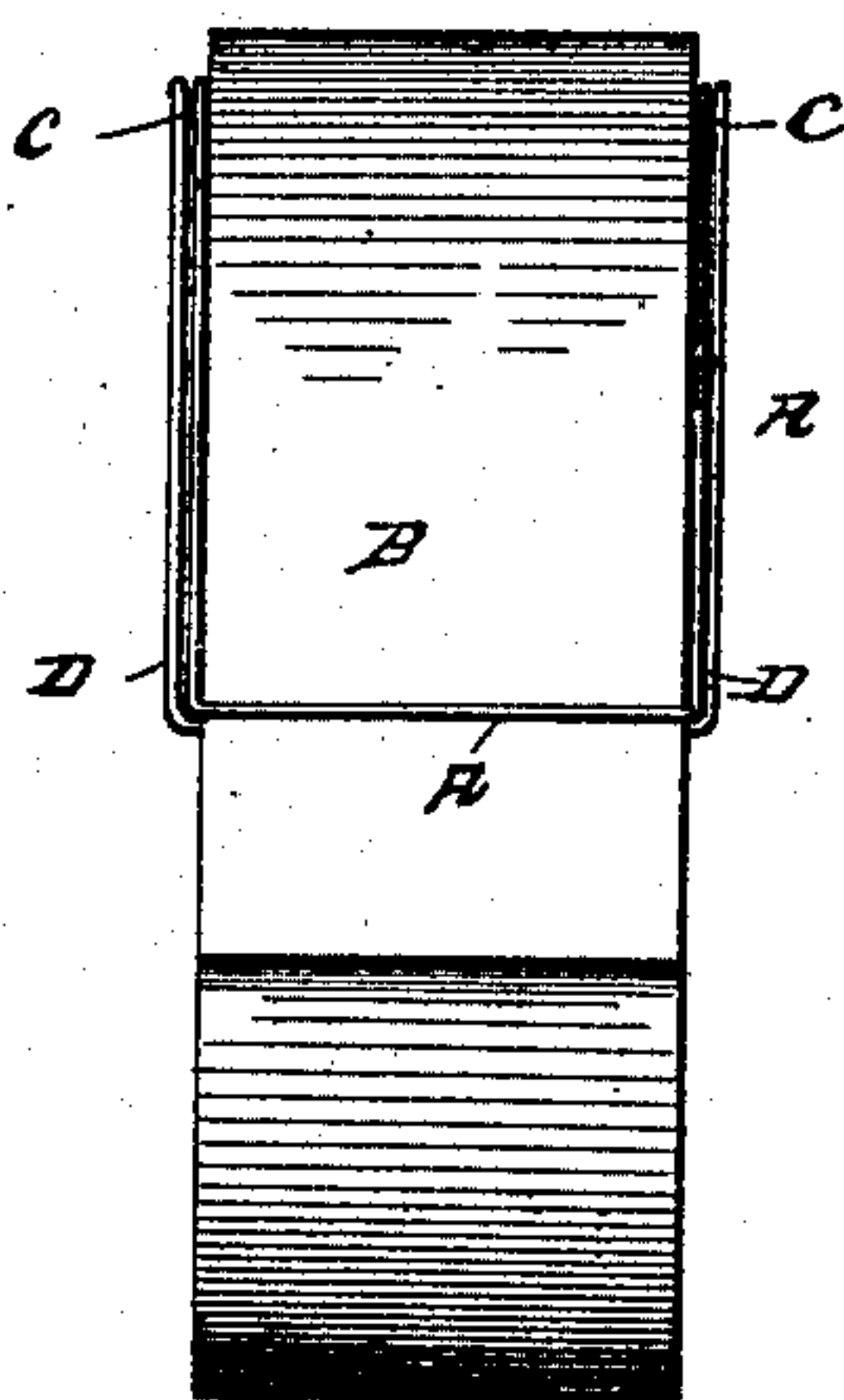


Fig. 2.

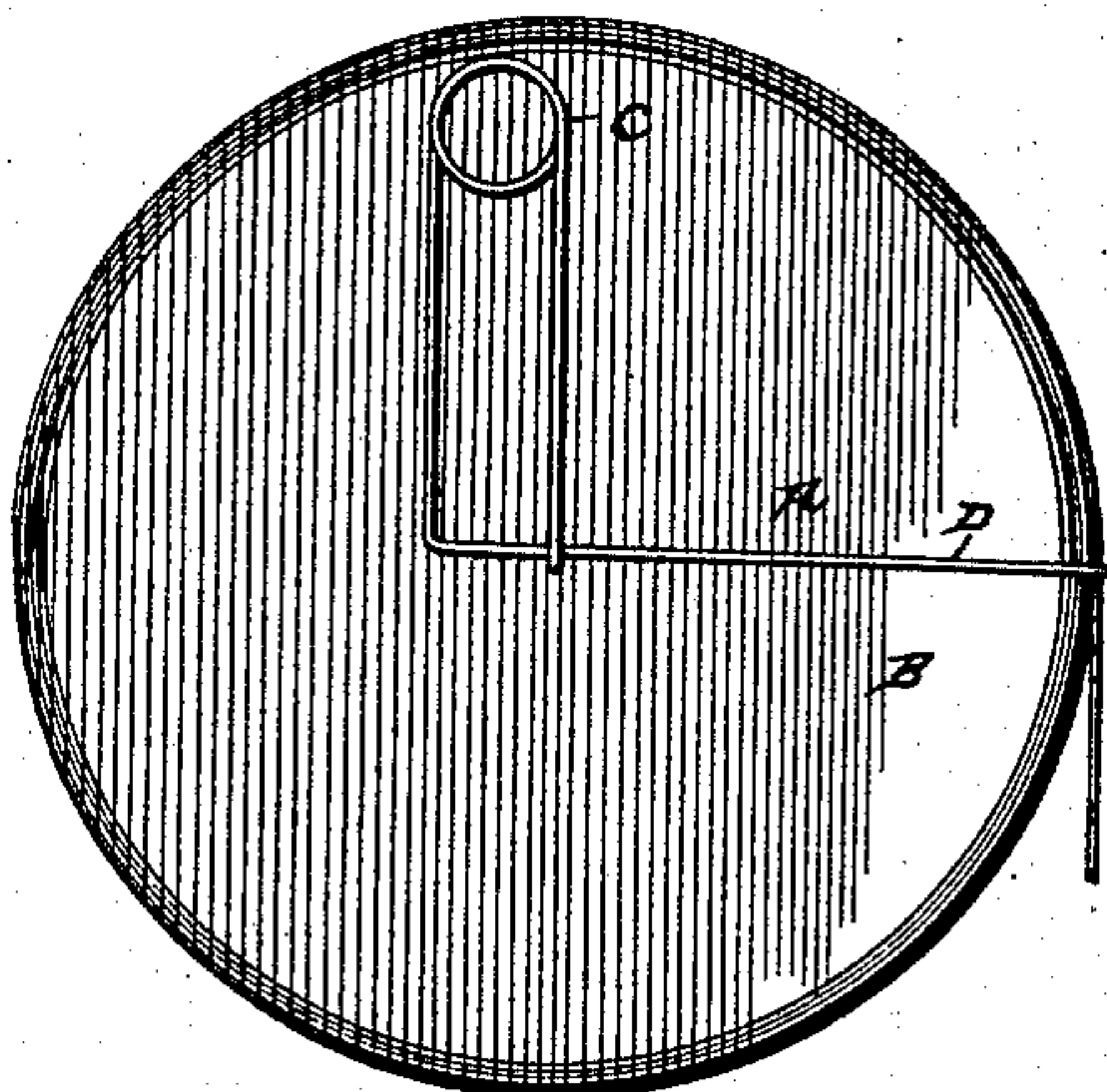
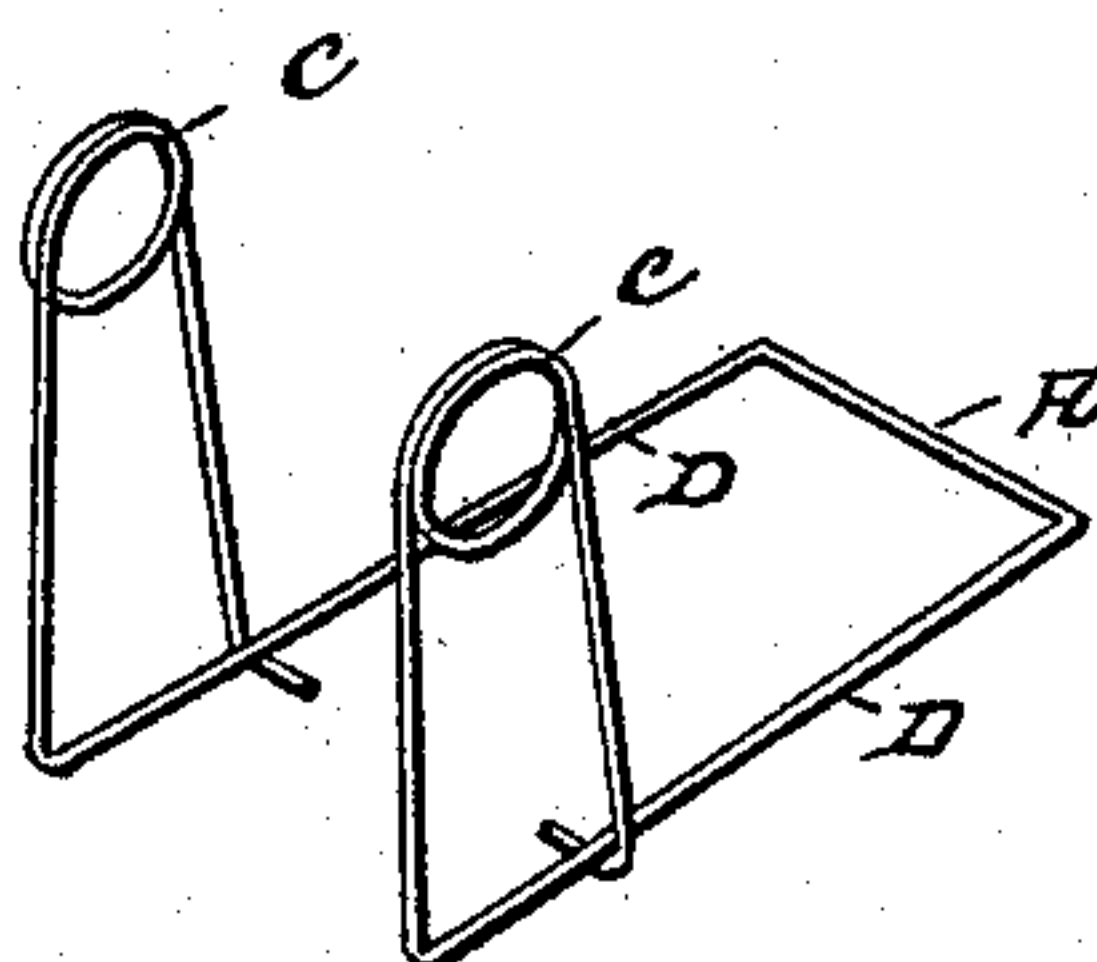


Fig. 3.



WITNESSES
Matter H. Humphrey
Paul H. Stevens

INVENTOR
William C. Peacock
James W. Cronan
By Messrs. Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM C. PEACOCK AND JAMES W. CRONAN, OF TIPTONVILLE, TENNESSEE.

RIBBON-REEL.

SPECIFICATION forming part of Letters Patent No. 413,545, dated October 22, 1889.

Application filed July 15, 1889. Serial No. 317,601. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM C. PEACOCK and JAMES W. CRONAN, citizens of the United States of America, residing at Tiptonville, in the county of Lake and State of Tennessee, have invented certain new and useful Improvements in Ribbon-Reels, of which the following is a specification, reference being had therein to the accompanying drawings.

10 Our ribbon-reel consists of a novel spring-clamp centrally pivoted in the reel for winding ribbon, braid, and other goods to be put up in like shape thereon, and for holding the ribbon or other goods smoothly on the reel or
15 bolt afterward whether more or less is unwound therefrom, in the peculiar structure of the spring-clamp, and in the combination and arrangement of the parts, substantially as hereinafter more fully shown and described.

20 In the accompanying drawings, Figure 1 is a front elevation of our ribbon-reel. Fig. 2 is a side elevation thereof, and Fig. 3 is a perspective view of the spring.

Our invention is designed to facilitate winding ribbon or other goods upon a bolt or bobbin by means of a spring-clamp, which serves as a guide, and to hold it firmly thereon until all is wound off. Spring-clamp A consists of a strand of wire whose ends have their bearings centrally in the bolt B, and, outwardly projecting a short distance therefrom on either side of the bolt, are bent at right angles and projected to near the periphery of the bolt or bobbin, where coiled springs C C
35 are formed therefrom, and the wire in continuation is projected to near the center of

the bolt, where it is bent at right angles and projected across the wire near the center of the bolt, and in continuation is again bent at right angles near the periphery of the bolt, 40 where it crosses and is aligned with the periphery of the bolt. The coiled springs C C on either side of the bolt serve to clamp the ribbon at all times, whether more or less be unwound from the reel, and arms D, formed 45 by the wire, enable the reel to be readily rotated in winding the ribbon thereon. Thus constructed a very efficient, inexpensive, and complete ribbon-reel is produced.

Having thus fully described our invention, 50 what we claim, and desire to secure by Letters Patent, is—

In a ribbon-reel, the spring-clamp consisting of a strand of wire whose ends have their bearings in central orifices on either side of 55 the bolt, the wire strand in continuation on either side of the bolt being projected outwardly to near its periphery where formed into coiled springs, and from thence projected near the center of the bolt and across the 60 wire, and again bent at right angles near the periphery of the bolt with which it is aligned, substantially as and for the purpose set forth.

In testimony whereof we affix our signatures in presence of two witnesses. 65

WILLIAM C. PEACOCK.
JAMES W. CRONAN.

Witnesses:

J. F. BURNS,
R. T. ANDERSON.