

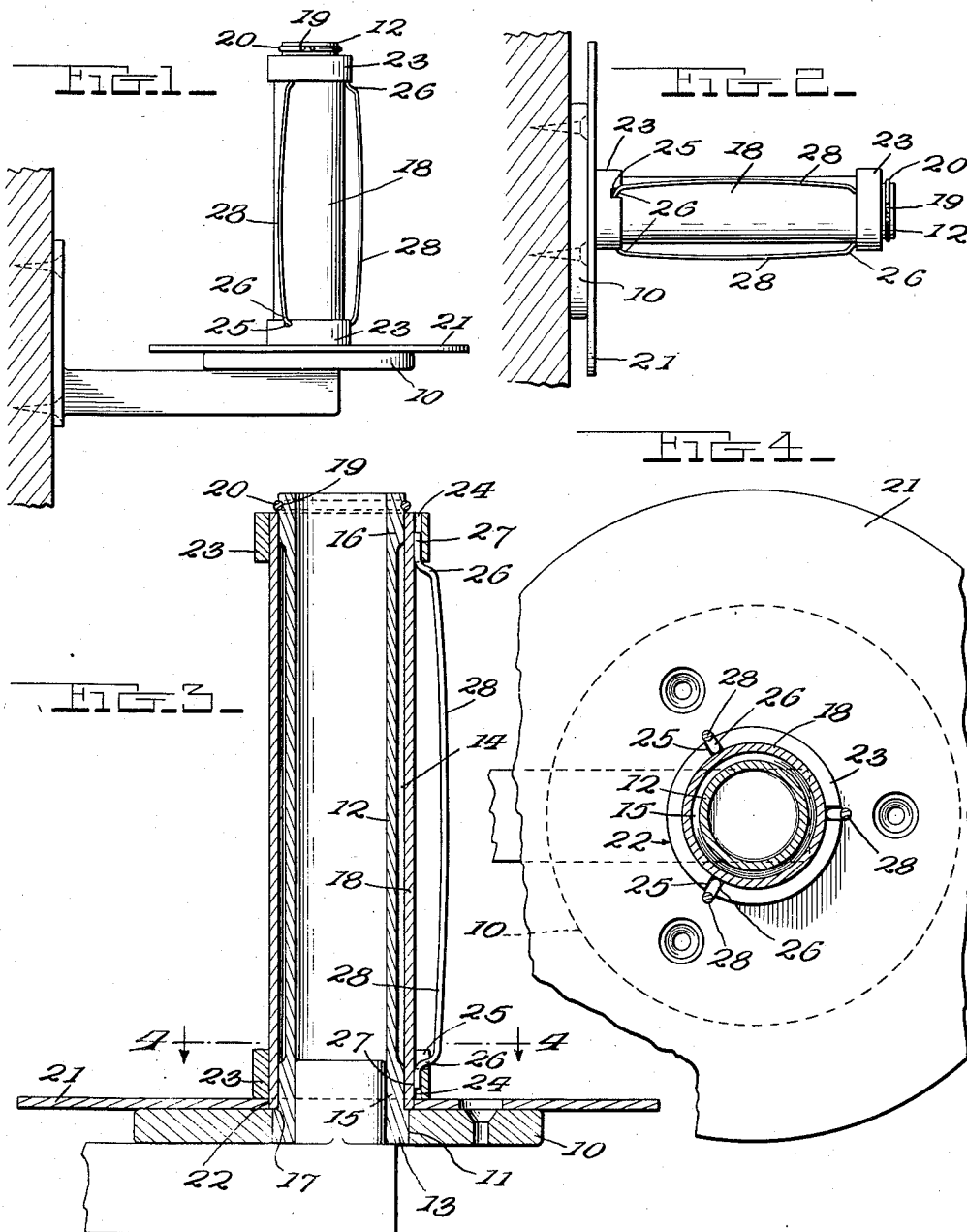
Aug. 7, 1951

A. B. KOLIVOSKI

2,562,923

HOLDER FOR ROLLED MATERIAL

Filed Oct. 25, 1948



INVENTOR.

A. B. Kolivoski,

BY

Bryant & Lowry

attys.

UNITED STATES PATENT OFFICE

2,562,923

HOLDER FOR ROLLED MATERIAL

Andrew Bert Kolivoski, Salamanca, N. Y.

Application October 25, 1948, Serial No. 56,311

3 Claims. (Cl. 242—55.2)

1

This invention relates to paper roll supports and has special reference to a revoluble support for paper rolls.

Many paper rolls are formed with axial openings in their centers. Such openings are made either by rolling a long strip of paper on a mandrel and withdrawing such mandrel or by rolling a long strip on a tubular core, the roll being dispensed with the core in position.

One important object of this invention is to provide a novel paper roll holder having a freely revoluble member for engaging in the roll center to support the roll.

Another important object of this invention is to provide a novel roll holder having spring means for centering the roll on the holder.

A further object of the invention is to provide a novel roll holder having a revoluble plate against which an end of the roll may rest.

Still another object of this invention is to provide a novel roll holder whereby a paper roll may be supported with its axis in either horizontal or vertical position as found most convenient.

With the above and other objects in view, as will be presently apparent, the invention consists in general of certain novel details of construction and combinations of parts hereinafter fully described, illustrated in the accompanying drawings and particularly claimed.

In the accompanying drawings like characters of reference indicate like parts in the several views, and

Figure 1 is a side elevation of the invention as used to hold a roll with its axis vertical, a wall to which the device is secured being shown in section;

Figure 2 is a side elevation of the invention as used to support a roll with its axis horizontal, the wall to which it is attached being shown in section;

Figure 3 is an enlarged section through the axis of the device, a fragment of a bracket used herein being shown in elevation; and

Figure 4 is a fragmentary plan view of Figure 3 but with certain parts in section on the line 4—4 of said Figure 3.

In the embodiment of the invention as here shown, there is provided a circular base 10 having a central opening 11. At 12 is a tubular member having an enlarged lower end 13 which fits in the opening 11 and is there fixed, as by swaging, soldering or other suitable means. The member 12 has the outside diameter of the major portion of its length reduced as at 14 so as to leave

2

a lower bearing 15 and an upper bearing 16, these bearings being of equal outside diameters. Moreover, these bearings are of less diameter than the said end 13 so that an external shoulder 17 facing the opposite end is formed between the end 13 and the lower bearing 15.

A tubular revoluble member 18 is fitted over the tube 12 to engage on the bearings 15 and 16 with one end engaging or resting on the shoulder 17. The member 12 projects beyond the member 18 and the projecting portion is provided with a circumferential groove 19 to receive an ordinary split snap ring 20 to hold the member 18 in place. Resting on the base 10 is a disc 21 having a central opening 22 wherein one end of the member 18 is fitted and there secured as by brazing or other suitable means. On each end of the member 18 there is fitted and secured a collar 23. Each of these collars is provided with a set, preferably three in number, of internal slots 24 and at the inner end of one of the collars the outer wall of each slot is cut away to form notches 25.

Surrounding the member 18 is a set of wire springs, each having its ends rebent or offset inwardly as at 26 to provide terminal prongs 27 fitting in the slots 24. The springs, between the rebent portions, are bowed outwardly from the member 18 as at 28, being held in such position by the rebent portions 26 at one end of each spring engaging in a notch 25. This three point arrangement of springs serves to hold a paper roll (not shown) coaxial with the support.

The base 10 is provided with countersunk screw receiving openings 29, access to which is afforded by openings 30 formed in the disc 21. At 31 is a bracket having a base 32 by means of which it may be secured to a wall W. This bracket has an upstanding boss 33 adapted to fit tightly in the bottom or bearing end 15 of the inner tube 12 to support the holder in such position as to hold a roll with its axis vertical as in Figure 1. By detaching the bracket from the rest of the invention, the base 10 may be screwed directly to a wall W' as in Figure 2.

What is claimed is:

1. In a holder for paper rolls and the like, a base, an internal supporting member projecting from said base, an outer member revolubly mounted on said internal member, a set of springs spaced around said outer member and extending lineally thereof, said springs being bowed at their central portions away from said outer member, and collars fixed on the ends of

3

the outer member and having seats receiving and detachably securing the ends of said springs to hold said springs in place.

2. In a holder for paper rolls and the like, a base, an inner supporting member projecting from said base, an outer member revolubly mounted on said internal member, a set of outwardly offset springs spaced around said outer member and extending lineally thereof, said springs being spaced at their central portions away from said outer member and having inwardly offset ends extending substantially parallel to the central portions, collars fixed on the ends of the outer member and having slots receiving and detachably securing the ends of said springs and notches at certain slots receiving the offsets to hold said springs in place, said inner member being of tubular form, a bracket adapted for attachment to a wall or the like, and a boss on said bracket removably fitted in the base end of said inner member.

3. In a holder for paper rolls and the like, a base, an internal supporting member projecting from said base, an outer member revolubly mounted on said internal member, a set of springs spaced around said outer member and extending lineally thereof, said springs being bowed at their central portions away from said outer member and having rebent ends, collars

4

fixed on the ends of the outer member having spaced internal lineal slots receiving and securing the ends of said springs, certain of said collars being cut away to form notches through which the rebent portions of the springs extend to hold said springs in place, a roll end supporting disc fixed to the end of the outer member adjacent said base, said inner member being of tubular form, a bracket adapted for attachment to a wall or the like, and a boss on said bracket removably fitted in the base end of said inner member.

ANDREW BERT KOLIVOSKI.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
777,981	Sterling	Dec. 20, 1904
1,060,049	Wheeler	Apr. 29, 1913
1,193,321	Walls	Aug. 1, 1916
1,221,089	Pierce	Apr. 3, 1917
1,233,064	Kretzschmar	July 10, 1917
2,042,171	Durand	May 26, 1936
2,074,411	McDougall	Mar. 23, 1937
2,370,821	Stott	Mar. 6, 1945