

J. W. VAN PATTEN.
 REVOLVING RIBBON CABINET.
 APPLICATION FILED MAY 3, 1909.

934,774.

Patented Sept. 21, 1909.

3 SHEETS—SHEET 1.

Fig. 2.

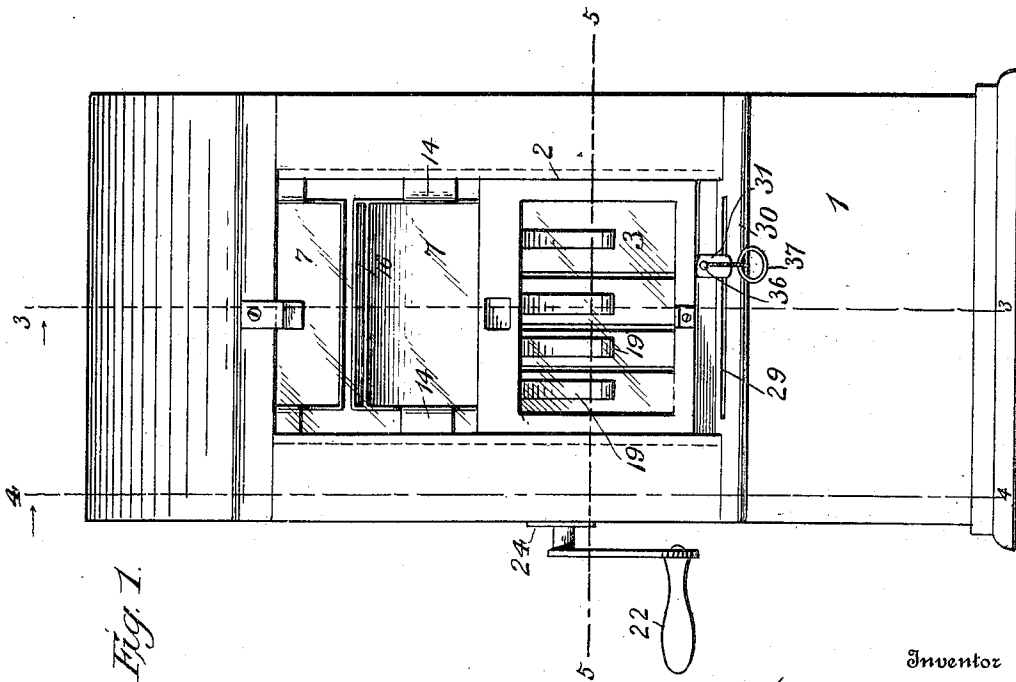
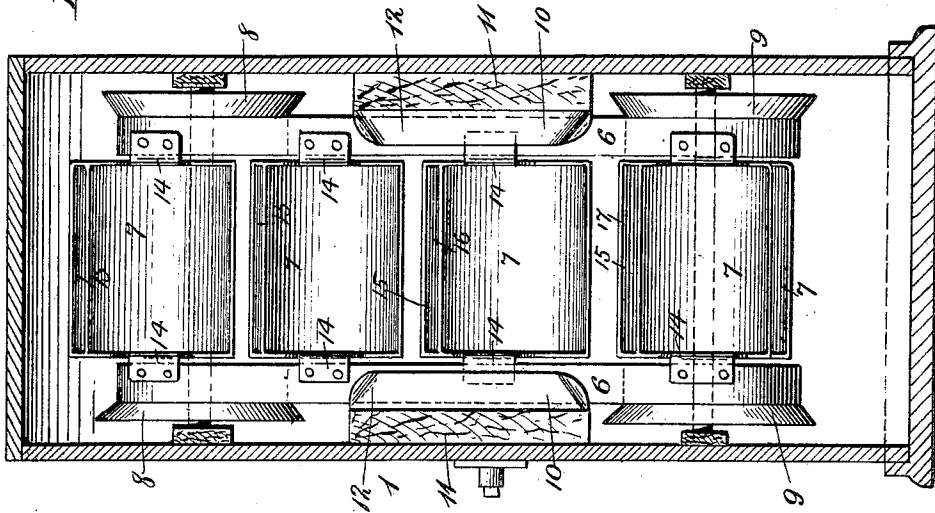


Fig. 1.

Inventor

J. W. VAN PATTEN.

Witnesses

F. L. Orrand
 C. N. Griesbauer.

by A. B. Willson & Co

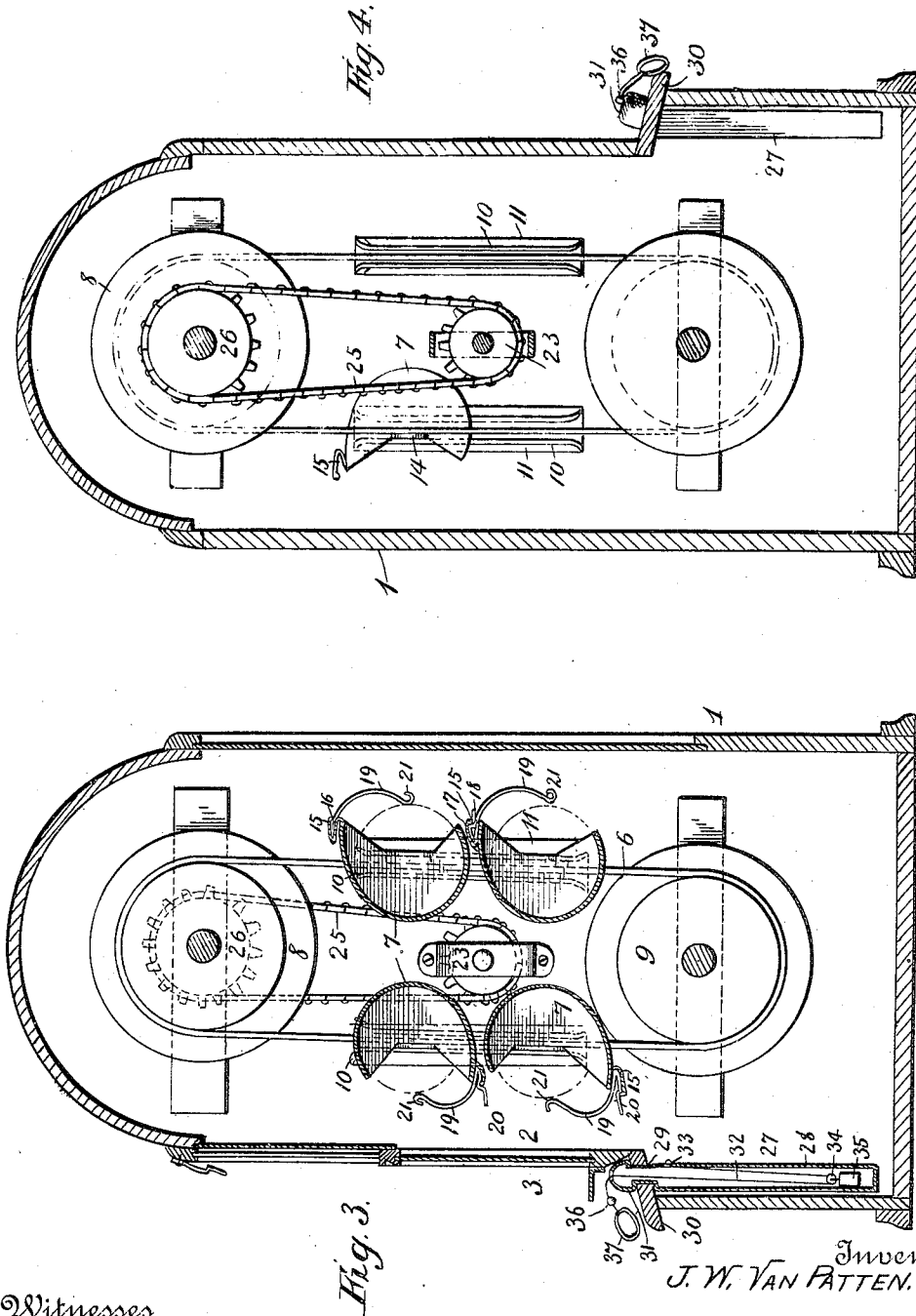
Attorneys

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3 SHEETS—SHEET 2.



Witnesses
F. L. Oursand.
C. H. Giesbauer.

Fig. 3.
Inventor
J. W. VAN PATTEN.
by *A. B. Wilson & Co*
Attorneys.

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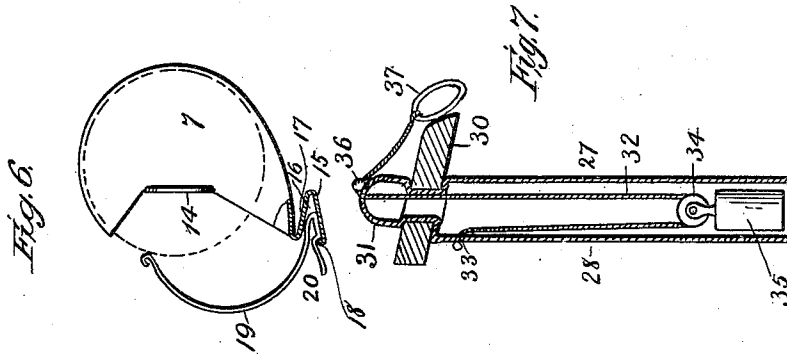
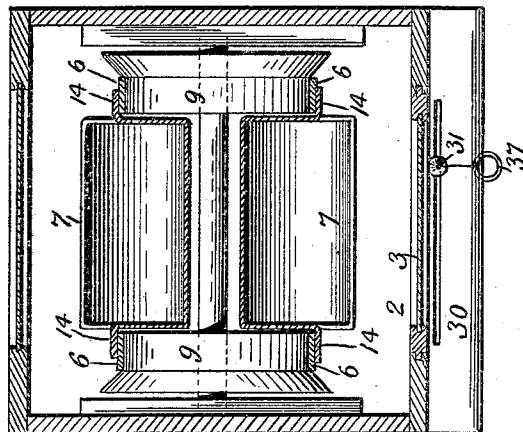


Fig. 5.



Witnesses
F. L. O'Rand
C. H. Giesbauer

Inventor
 J. W. VAN PATTEN.

by *A. B. Wilson & Co*
 Attorneys

UNITED STATES PATENT OFFICE.

JOHN W. VAN PATTEN, OF CHETEK, WISCONSIN.

REVOLVING RIBBON-CABINET.

934,774.

Specification of Letters Patent. Patented Sept. 21, 1909.

Application filed May 3, 1909. Serial No. 493,613.

To all whom it may concern:

Be it known that I, JOHN W. VAN PATTEN, a citizen of the United States, residing at Chetek, in the county of Barron and State of Wisconsin, have invented certain new and useful Improvements in Revolving Ribbon-Cabinets; and I do 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.

This invention relates to a revolving ribbon cabinet of that class which is adapted to display ribbons in mercantile establishments.

The object of the invention is to provide a cabinet of this kind comprising an endless carrier having a series of ribbon carriers or receptacles, and means for rotating the carrier in order that the several respective carriers or ribbon receptacles may be successively brought in position to be seen by the operator.

The further object of the invention is to provide means for supporting the ribbon bolts in position. And a still further object is to provide means for measuring the ribbon as it is unrolled from its bolt.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings: Figure 1 is a front elevation of a cabinet embodying my improvements; Fig. 2 is a central longitudinal section thereof; Fig. 3 is a vertical transverse section taken on line 3—3 of Fig. 1; Fig. 4 is a similar view taken on line 4—4 of Fig. 1; Fig. 5 is a horizontal section taken on line 5—5 of Fig. 1; Fig. 6 is a detail end view of one of the ribbon receptacles; and Fig. 7 is a detail sectional view of the measuring device.

In the embodiment illustrated, the cabinet comprises an upright casing 1, provided with the front opening 2, in which is slidably mounted a window 3. An endless carrier consisting of a pair of flexible belts 6, and a series of ribbon receptacles 7, arranged between the belts, is mounted for longitudinal movement within the casing, the belts of the carrier passing over the wheels 8 and 9, respectively, arranged at the upper and lower ends of the casing. The belts of

the carrier are arranged to pass through the guide plates 10, which are secured to the bearing blocks 11, and are formed by suitably bending pieces of metal to form the side flanges 12. Each of the ribbon receptacles 7, is of substantially semi-circular form in cross-section, and is provided at its outer ends, with the lateral portions 14, which are riveted or otherwise secured to the belts of the carrier. Each of the ribbon receptacles is provided at one side edge with a spaced V-shaped portion 15, which is formed by bending the adjacent side edge of the receptacle and which forms a receiving groove 16. The outer edge of the outer piece 17, of the V-shaped portion is provided with an inwardly extending flange 18. The free ends of the ribbon bolts are held in position and the bolts held against displacement in their respective receptacles by curved springs 19, each provided at its outer end with a catch 20, which is adapted to be fitted in the V-shaped portion of either of the receptacles, and engage the flange 18 thereof, whereby it is held in position. The outer end of each spring is provided with a curved portion 21, which bears upon the free end of the ribbon. The carrier is rotated by the handle 22, which is connected with the sprocket gear 23, mounted in suitable bearing 24, arranged at one side piece of the casing. A sprocket chain 25, passes from the sprocket gear 23, and over a second larger sprocket gear 26, keyed to the axle for the upper rollers 8.

A measuring device 27, is arranged in the casing in front of the carrier to measure the ribbon. This device comprises a downwardly extending casing 28, one side of which is extended through a longitudinal slot 29, formed in the sill 30 of the casing, and is provided at its outer end with a knob or handle 31, by means of which the device is adjusted laterally. The measuring tape 32, is permanently fixed at one end to the upper end of the rear side of the receptacle, as at 33, and after extending under a pulley 34, carrying a weight 35, passes through the slot 29, of the sill 30, and the handle or knob 31. The free end of the cord is provided with a stop 36, to limit the downward movement of the weight 35, while the extreme outer end of the measuring tape 32 is provided with the ring 37, the purpose of which will be evident.

In the operation of the device, the handle 22 is rotated to bring the respective ribbon

carriers or receptacles in position to be seen by the purchaser, and after the purchaser has decided upon the color or kind of ribbon desired, the measuring device is moved directly in front of the ribbon bolt, and the free end of the bolt and the measuring tape 32, pulled out together until the desired length of ribbon has been unwound from the bolt.

10 From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

15 Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention as defined in the appended 20 claims.

Having thus described my invention, what I claim is:

1. In a device of the class described, an upright casing, an endless carrier having a plurality of ribbon receptacles mounted

therein, springs to hold the free ends of ribbon bolts in position and to hold the bolts against sliding bodily within their respective receptacles, means of engagement between the springs and the receptacles, and means for rotating the carrier. 30

2. In a device of the class described comprising an upright casing, an endless carrier having a plurality of ribbon receptacles mounted therein, means for rotating the carrier, V-shaped portions formed at certain of the sides of the receptacles, curved springs having catches at their inner ends to engage the V-shaped portions of the receptacles, an outwardly bent outer end to bear upon the ribbons, and a measuring tape mounted for lateral adjustment in front of the carrier. 35 40

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN W. VAN PATTEN.

Witnesses:

A. T. GALBY,
E. R. GAVIN.