

(No Model.)

J. S. LYONS.
RIBBON HOLDER.

No. 534,116.

Patented Feb. 12, 1895.

Fig. 1

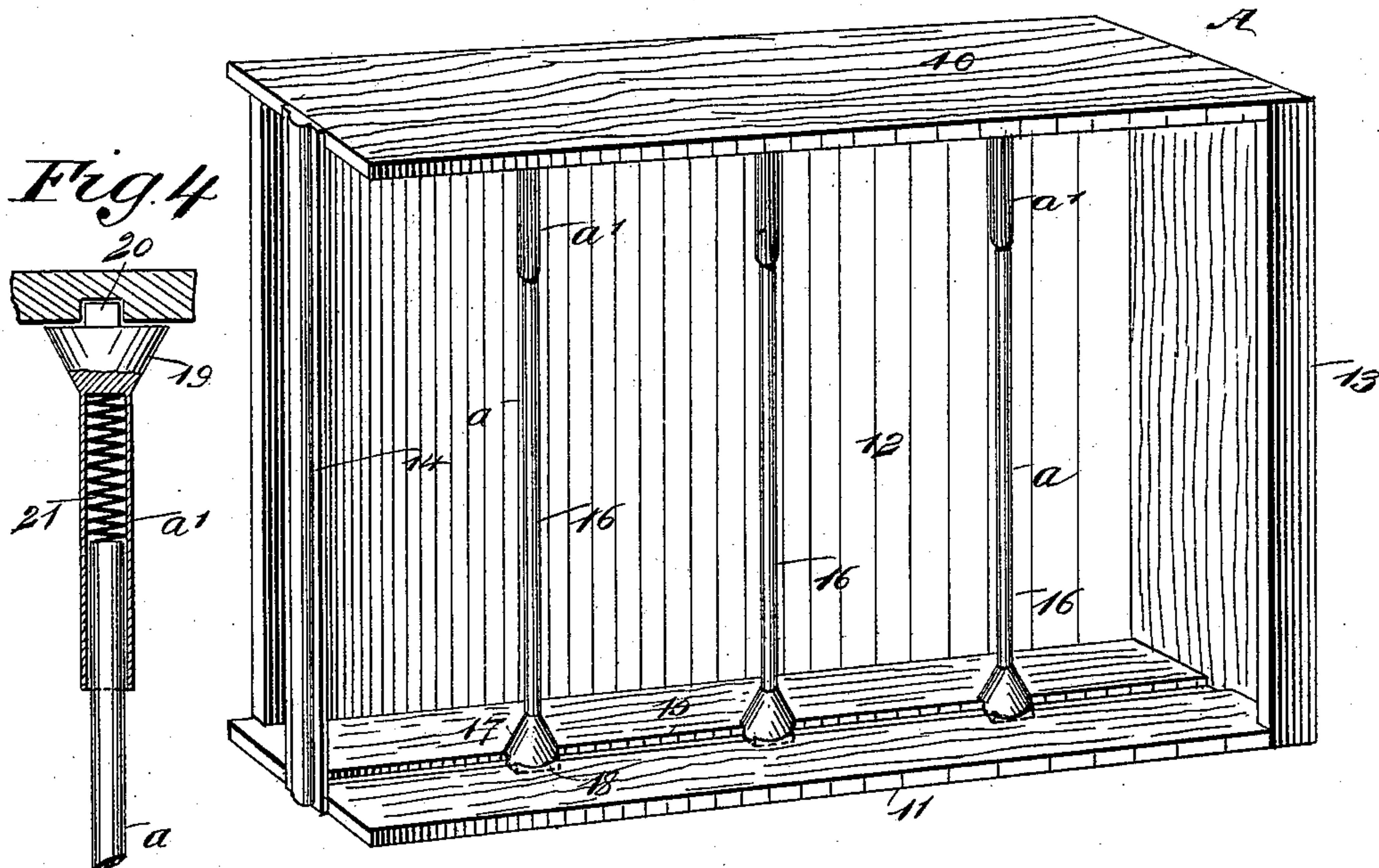


Fig. 4

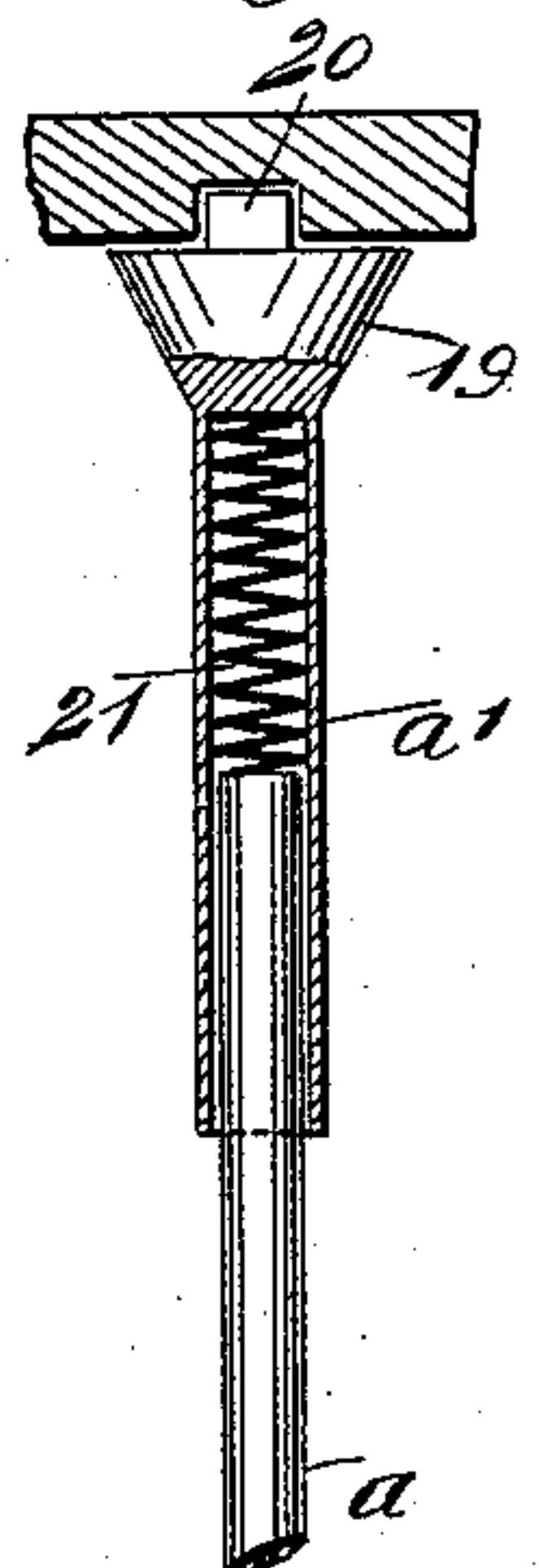


Fig. 2

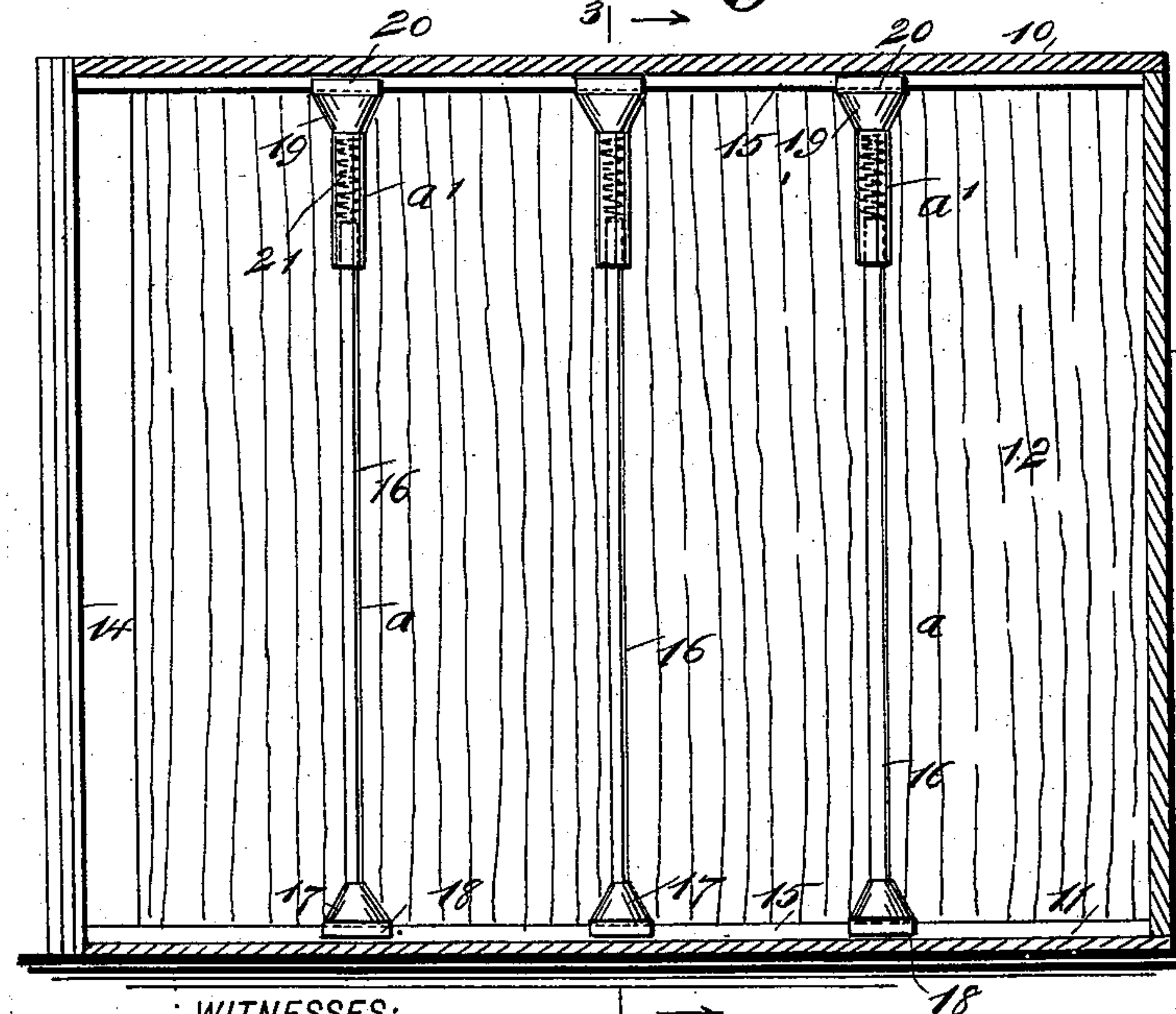
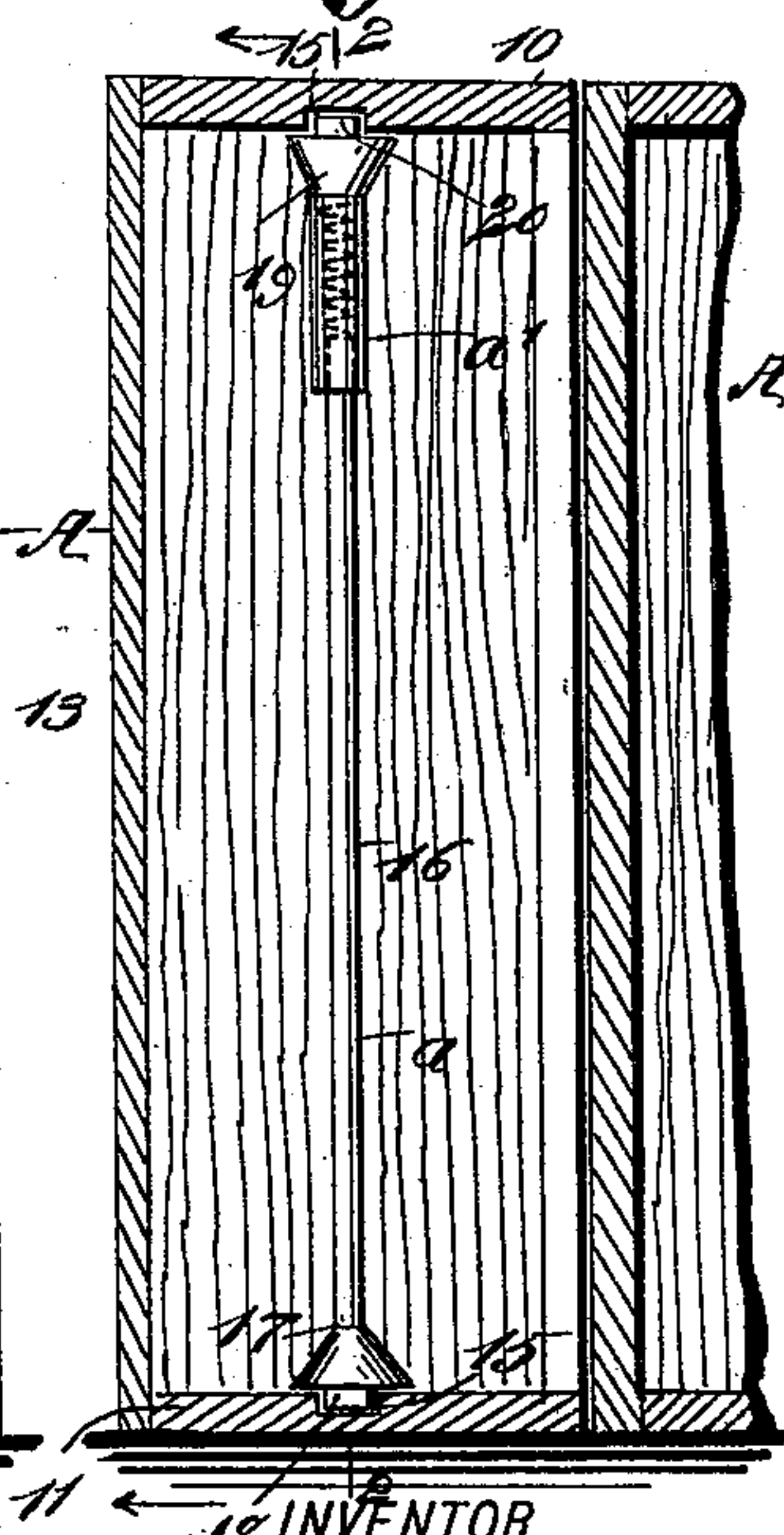


Fig. 3



WITNESSES:

J. M. Angle
Geo. Aker

INVENTOR

J. S. Lyons
BY *Munn & Co.*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOSEPH S. LYONS, OF PITTSFIELD, MASSACHUSETTS.

RIBBON-HOLDER.

SPECIFICATION forming part of Letters Patent No. 534,116, dated February 12, 1895.

Application filed May 19, 1894. Serial No. 511,861. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH S. LYONS, of Pittsfield, in the county of Berkshire and State of Massachusetts, have invented a new and Improved Ribbon-Holder, of which the following is a full, clear, and exact description.

My invention relates to an improvement in holders especially adapted for holding rolls of ribbon, and it has for its object to provide a holder or case in which rolls of ribbon of different sizes may be displayed to the best advantage, and whereby any of the rolls may be expeditiously and conveniently removed from the case when necessary.

A further object of the invention is to provide a case of the above description which will be exceedingly simple, durable and economic in its construction and which will protect to a maximum degree the rolls of ribbon, since the outermost of the rolls will be the only one exposed.

Another object of the invention is to so construct the case that all sizes and all shades of one color of ribbon may be placed before the would be purchaser for inspection at one time, and whereby the cases may be arranged upon the shelf in such manner that while the ribbon will be stored as safely as ordinarily, the customer and salesman will both be enabled to quickly pick out the case containing the color of ribbon desired.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improved case. Fig. 2 is a longitudinal vertical section through the case, taken practically on the line 2—2 of Fig. 3. Fig. 3 is a transverse vertical section through one of the cases, taken essentially on the line 3—3 of Fig. 2, the said Fig. 3 likewise illustrating two cases placed side by side; and Fig. 4 is a detail sectional view of one of the ribbon roll supports.

In carrying out the invention the case A may be made of any desired material, but

wood is usually employed, and it consists of a top board 10, a bottom board 11, a side board 12 connecting the top and bottom boards, and one end board 13. One side of the case is preferably left entirely open, as illustrated, while the open end is usually provided with a central standard 14, which may be an ornamental strip of molding extending from top to bottom of the case. This standard serves to protect the end row of ribbon rolls, and may likewise be utilized as a handle for withdrawing the case from a shelf, or for carrying the case from shelf to counter, &c. When the cases are placed upon a shelf their open ends will be the outer ends, in order that the color of ribbon they contain may be readily observed; and the closed side of one case is placed next to the open side of the next adjoining case, as shown in Fig. 3.

Upon the inner face of both the top and bottom board, preferably at the center, a longitudinal groove 15, is produced, and the rolls of ribbon are held in the case by removable standards 16. These standards are preferably made of metal and are in two sections, namely, a body section *a* and a cap section *a'*. The body section usually consists of a rod having its lower end 17 enlarged, the said end being preferably of a conical shape, and the enlarged end is provided with a rib or foot section 18 upon its under face, adapted to fit in the bottom groove of the casing. The cap section *a'* of the standard, consists as shown in Fig. 4, of a tube terminating at one end in a conical or enlarged head 19, which head is preferably solid, and is provided with a rib or foot 20 upon its upper face adapted to enter the upper groove in the case. The tubular portion of the cap contains a spring 21, and is of such size that it will receive the upper end of the body section of the standard. In placing the standards in the case the foot or rib of a body section is made to enter the slot in the bottom of the casing, the cap section is then placed upon the body section of the standard, contracting the spring 21, and the said upper end of the standard is carried inward until the rib 20 of the foot section may be forced upward by the spring 21 into the upper groove of the case whereupon the standards may be readily slid from end to end of the case.

The standards having been placed in position, the rolls of ribbon are built up in the case in tiers, the flat side of the lower roll of each tier resting upon the bottom of the case.

5 When the first or front tier is complete and bears against the first strip 14, a standard is moved in the grooves until it is in contact with the inner side of said first tier acting as a back support, and likewise as a front support for the next tier. This operation is continued until the case is filled or has received its intended quota.

The standards are removed in substantially the same manner. It is evident that one case

15 may contain ribbon of all sizes and of one color, the rolls of ribbon, however, embracing the various shades of that color; and rolls of corresponding shade are placed in the same tier.

20 Under this construction ribbon may be displayed in shelves which are intended for the storage of goods, and the necessity for the usual cumbersome and unsightly cases upon the counters is obviated. The rolls of ribbon

25 are furthermore thoroughly protected, and when the desired color has been found, the case containing the ribbons of that color need simply be taken down from the shelf and placed upon the counter, preferably with the

open side uppermost, and the customers will thus have before them all the shades of that color, and the clerk has had the handling of but a single case instead of having to handle individual rolls, as has heretofore been the custom, and the desired color may be quickly selected, since when all the cases are upon the shelves and each case contains ribbon of a different color the outer row of rolls in each case will be visible.

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

A ribbon holder comprising an oblong case having longitudinal grooves in its top and bottom walls and open at one vertical side to expose all the bolts and open at its outer end to expose the end bolt and there provided with a cross bar, a series of longitudinally expansible vertical rod like standards or bars having transverse ribs across their ends and entering the said grooves to permit the standards to be moved toward and from the front end of the casing, substantially as described.

JOSEPH S. LYONS.

Witnesses:

JOHN J. MCKIM,

LAURA A. JENKS.