

No. 628,642.

Patented July 11, 1899.

W. H. WYMAN.
RIBBON OR BRAID DISPLAY CABINET.

(Application filed Nov. 30, 1898.)

(No Model.)

Fig. 1.

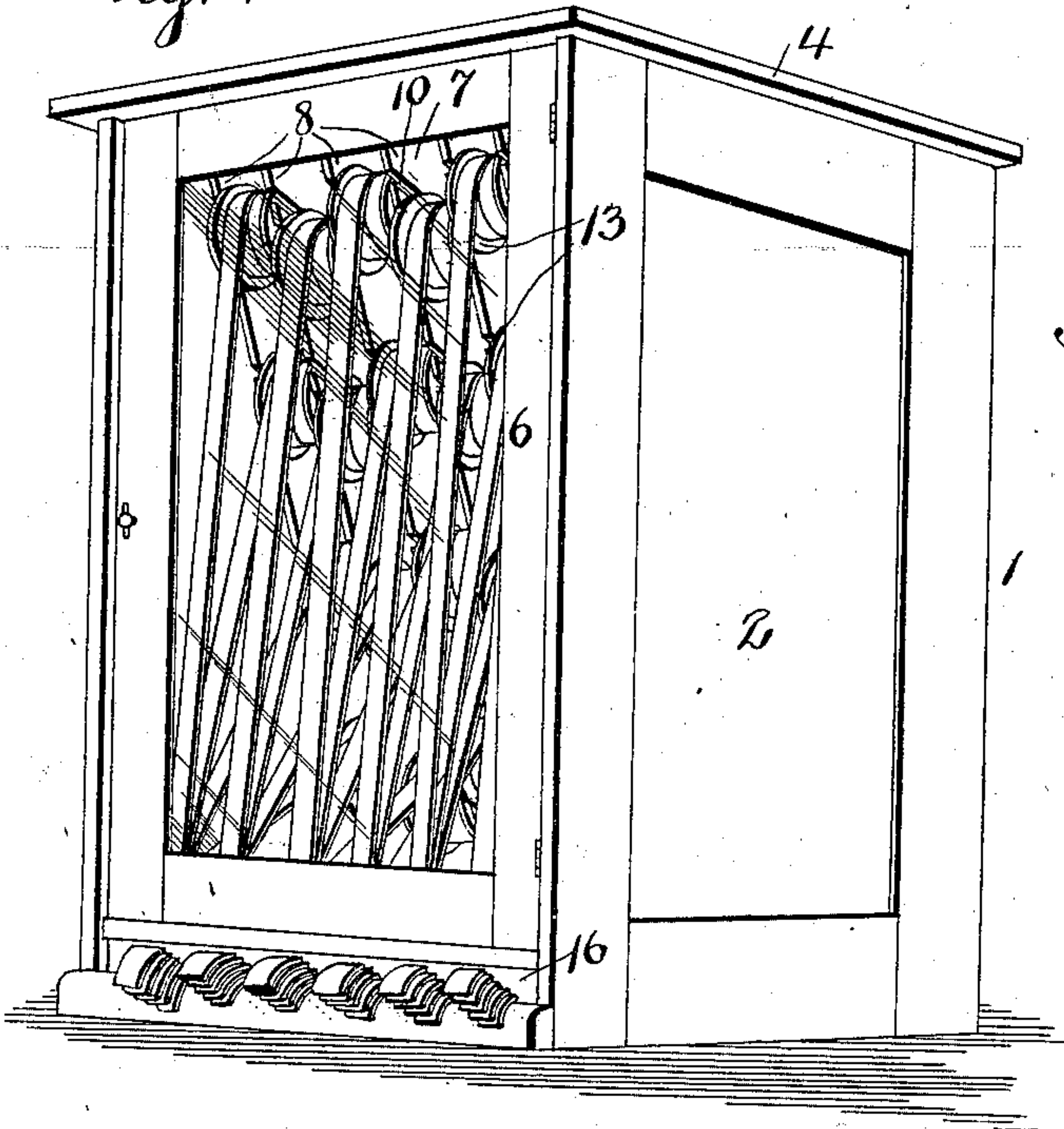


Fig. 2.

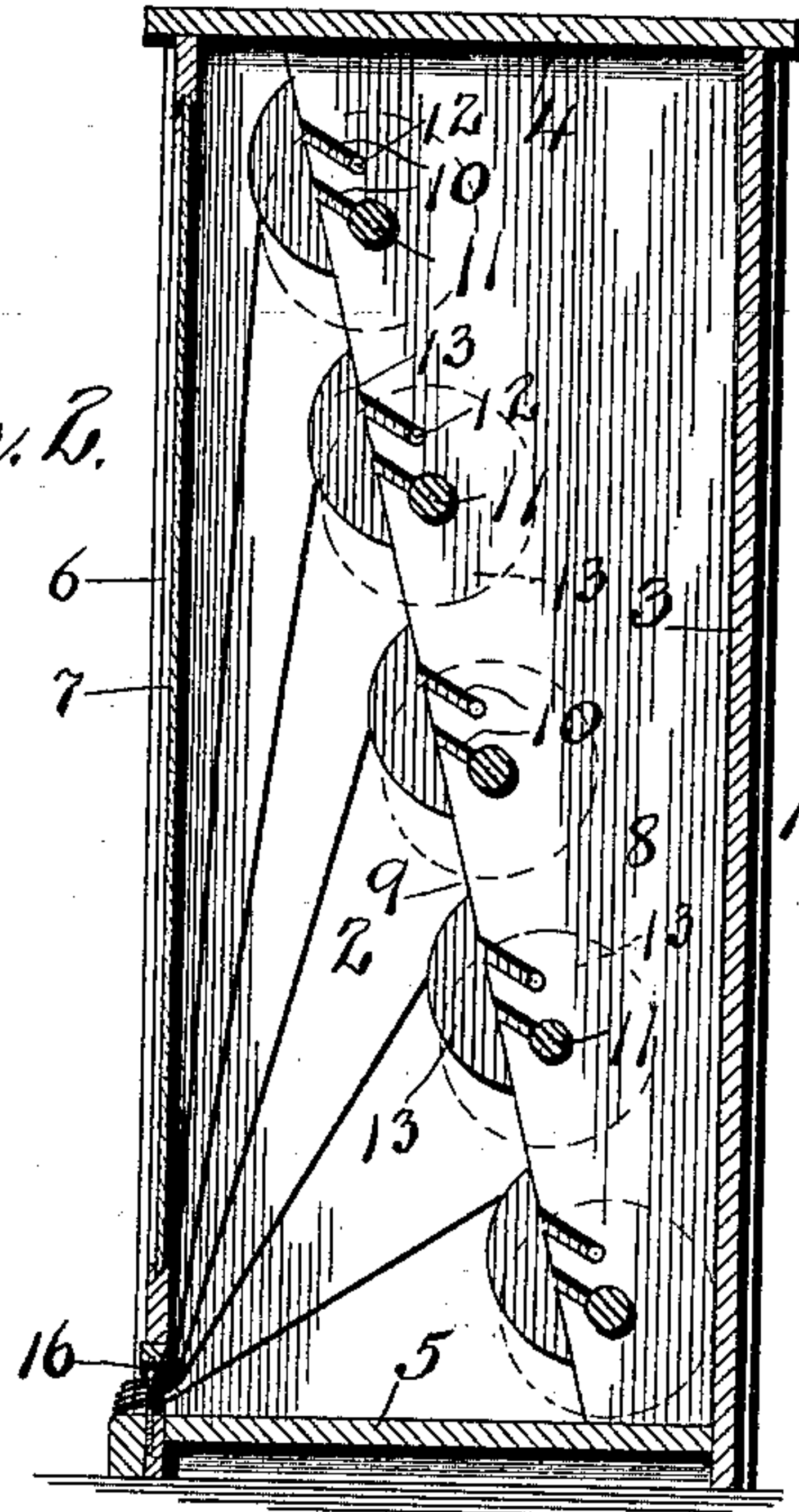


Fig. 4. 16

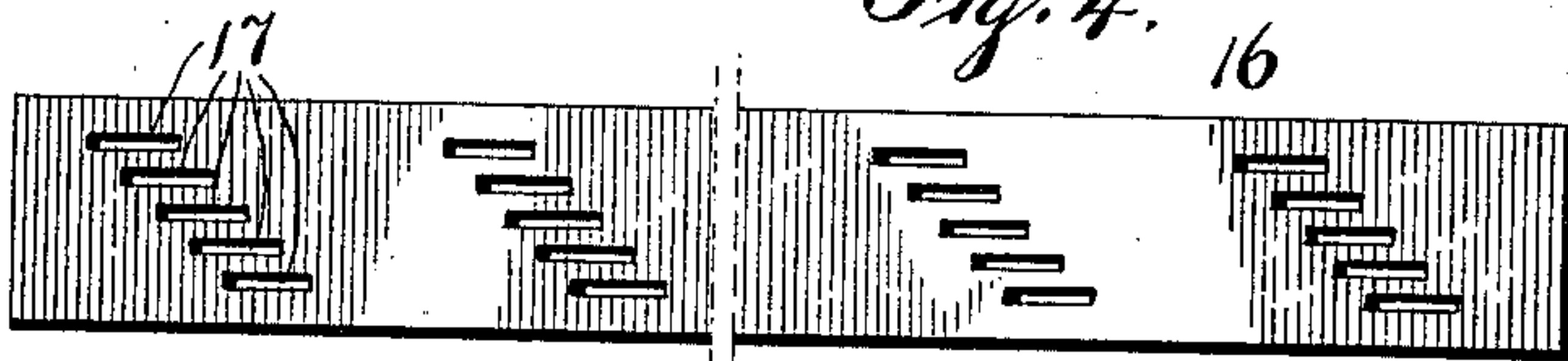


Fig. 3.

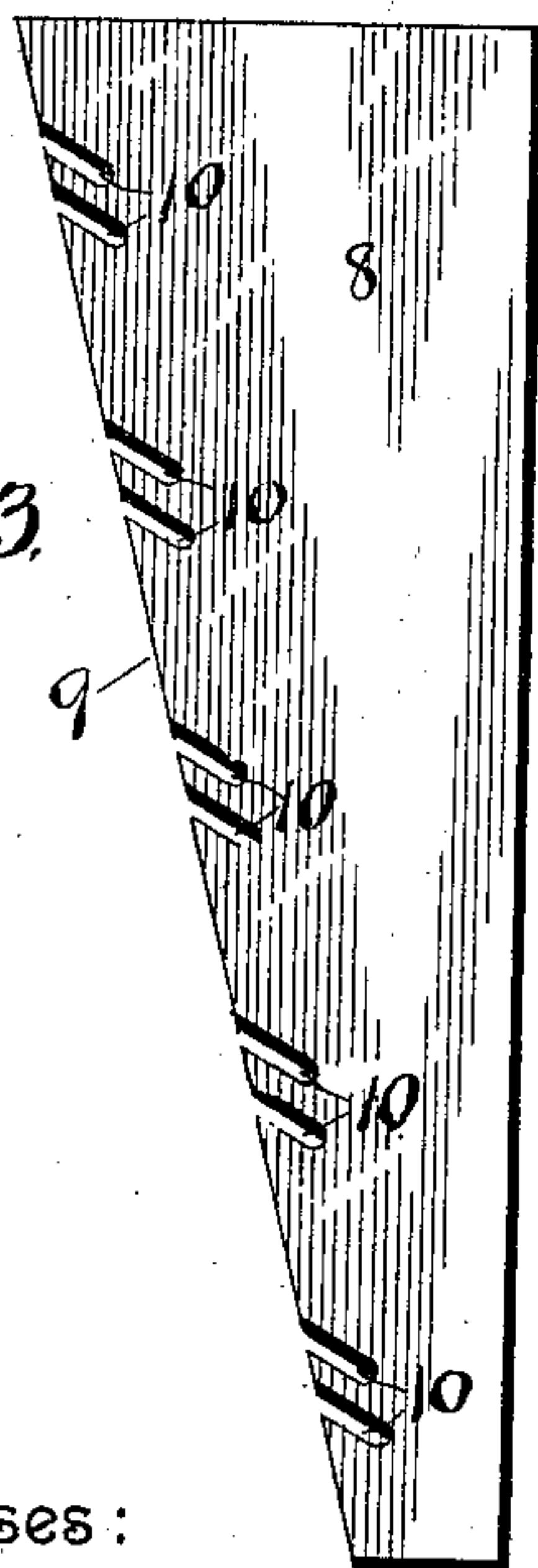
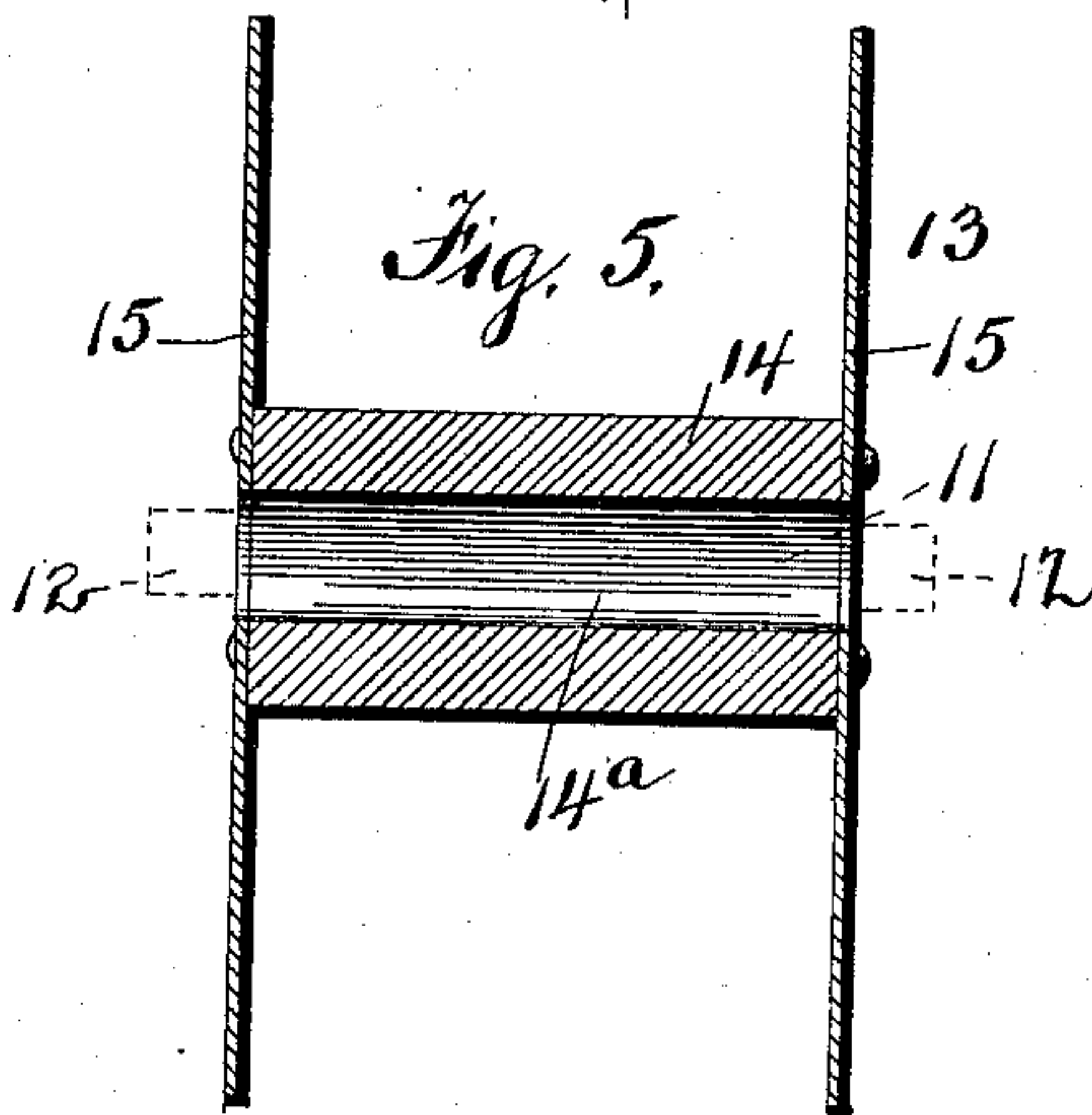


Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

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RIBBON OR BRAID DISPLAY CABINET.

SPECIFICATION forming part of Letters Patent No. 628,642, dated July 11, 1899.

Application filed November 30, 1898. Serial No. 697,935. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. WYMAN, a subject of Her Majesty the Queen of Great Britain, residing at St. Johns, county of St. Johns, Province of Quebec, Canada, have invented certain new and useful Improvements in Ribbon or Braid Display Cabinets; and I do hereby 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.

My invention relates to improvements in display-cabinets, and has particular relation to that class of such devices for the display of spooled articles, such as ribbons, braids, &c.

The object of my invention is to provide a device of this character in which the ribbons or braids are kept in a closed case having a transparent front, the ends of the braid being carried out through the front in such manner that the various contrasts in color may be readily perceived.

A further object is to provide a cabinet of this class in which a maximum number of spools may be placed, each of which may be readily removed from its bearing independently of the movability of the remaining spools.

A further object is to provide a spool for the reception of the skirt or braid which is simple and durable in construction and which can be made at a moderate cost.

To these and other ends my invention consists in the improved construction and combination of parts hereinafter fully described and particularly pointed out in the appended claims.

In the drawings, in which similar numerals of reference indicate similar parts in all of the views, Figure 1 is a perspective view of my display-cabinet, showing the door closed. Fig. 2 is a sectional view taken longitudinally of the cabinet, showing the arrangement of the various spools. Fig. 3 is a detail of one of the partitions. Fig. 4 is a detail of the slotted plate. Fig. 5 is a detail of one of the spools.

1 designates a casing composed of the sides 2, back 3, top 4, and bottom 5. A door 6, having preferably a glass front 7, is hingedly connected to one of the sides and is adapted

to close the cabinet to prevent the entrance of dust, dirt, &c.

Within the casing are mounted a number of vertical partitions 8, preferably inclined, as at 9, on their front edges, the widest portion being at the top of the partition. Each partition is provided with slots or recesses 10, arranged in series, said slots or recesses being inclined downwardly, as shown, the lower or inner ends forming bearings for the spindles 11, each of said spindles having its end portions 12 reduced to fit within the slots or recesses 10, the main portion of each spindle being of sufficient length to pass loosely between adjacent partitions. The spindles are mounted in the slots or recesses 10 in the manner shown in Fig. 2, each spindle between two partitions being mounted in the same slot or recess in each series, the spindles arranged within the adjacent space between the partitions being placed in the remaining slots or recesses 10, the spindles in alternate spaces being on the same horizontal plane.

Each spindle 11 is adapted to contain a removable spool 13, formed substantially of a wooden core 14, having a central opening 14^a for the reception of the spindle and disks 15, preferably of pasteboard, arranged on opposite sides of said core, the ribbon or braid being wound on the core between the disks.

16 designates a slotted plate secured within the casing at the front of the cabinet below the door. The plate 16 is preferably made as shown in Fig. 4 and is provided with slots 17, arranged in series, the slots in each series being located in front of its respective space between the partitions, each series of slots being arranged inclined, as shown. As the number of slots corresponds with the number of spools which may be placed in the cabinet, it will be apparent that each spool will have its independent slot, the top spool in each space having the top space, the next spool below having the second space, &c. As each series of slots is inclined, it will be apparent that when the ends of the ribbon or braid located on the spools within each space are carried out through their respective slots a portion of each end will remain exposed, although all of the ends may be laid in a flat position, enabling the user to readily choose the shade he

desires, in addition to which it is possible to arrange the spools with such colors and shades as will present a very attractive appearance to the customer, who is able to have presented to him at a glance the various combinations desired.

As will be apparent, the different shades of ribbon and braid are kept separated and remain in their proper positions, it being unnecessary to open the cabinet, excepting to place a full spool in position when the one within the cabinet has become empty. When a sale is made, the proper shade of ribbon or braid is drawn through its slot and the required length cut off, thus insuring to the customer the knowledge that the ribbon bought is the ribbon which was selected. The keeping of the ribbon or braid in the closed cabinet prevents any entrance of dust, dirt, &c., keeping the articles within the cabinet bright and giving them a fresh appearance.

By arranging the front edge of the partitions on an incline there is no liability of the ribbons or braids becoming entangled, while a sufficient space is provided to allow of the removal of the spools independently without disturbing the positions of the remaining spools. By reason of the providing of bearings arranged in series the maximum number of spools may be placed in position within a minimum amount of space.

While the construction herein shown and described is what is believed to be a preferable embodiment of the invention, it is to be understood that I do not limit myself thereto, as various changes in the form, proportion, and minor details of construction may be resorted to, and I therefore reserve the right to modify or vary the invention as may fall within the spirit and scope thereof.

Having thus described my invention, what I claim as new is—

1. A display-cabinet comprising a casing; spools mounted therein in vertical and horizontal series; and openings arranged in said casing in oblique alinement corresponding in position to said spools, substantially as described.

2. A display-cabinet comprising a casing; spools mounted to have independent movement therein, said spools being arranged in vertical and horizontal series; and openings arranged in said casing in oblique alinement corresponding in position to said spools, substantially as described.

3. A display-cabinet, comprising a casing; spools mounted therein in vertical and horizontal series, said spools being removable independently from said casing; and openings formed in said casing in oblique alinement corresponding in position to said spools, substantially as described.

4. A display-cabinet, comprising a casing; spools mounted therein in vertical and horizontal series, the spools in said horizontal series being arranged on different planes; and

openings formed in said casing in oblique alinement corresponding to said spools, substantially as described.

5. A display-cabinet, comprising a casing; spools mounted therein in vertical series, the spools located in alternate series being arranged on the same horizontal plane; and openings formed in said casing in oblique alinement corresponding to said spools, substantially as described.

6. A display-cabinet, comprising a casing; spools mounted therein; and openings formed in said casing corresponding to the spools, said openings being arranged in oblique alinement, substantially as described.

7. A display-cabinet, comprising a casing; spools mounted therein; and openings formed in said casing, said openings being arranged in series, each series being arranged in oblique alinement, substantially as described.

8. A display-cabinet, comprising a casing; vertical partitions arranged therein; bearings formed in said partitions; said bearings being arranged in horizontal alinement; spools removably mounted in said bearings; and openings formed in said casing in oblique alinement corresponding to said spools, substantially as described.

9. A display-cabinet, comprising a casing; vertical partitions arranged therein; bearings formed in said partitions in series, each series being in horizontal alinement; spools mounted in said bearings; and openings formed in said casing in oblique alinement corresponding to said spools, substantially as described.

10. A display-cabinet, comprising a casing; vertical partitions arranged therein; bearings formed in said partitions in series, each series being in horizontal alinement; spools mounted in said bearings, the spools in alternate spaces between said partitions being arranged on the same horizontal plane; and openings formed in said casing in oblique alinement corresponding to said spools, substantially as described.

11. A display-cabinet, comprising a casing; vertical partitions arranged therein; bearings formed in said partitions; spindles removably located on said bearings; spools removably located on said spindles; and openings formed in said casing in oblique alinement corresponding to said spools, substantially as described.

12. A display-cabinet comprising a casing; spools mounted therein in vertical series, the bearings for the spools in each series being out of vertical alinement; and openings formed in said casing in series corresponding to the arrangement of spools, each series being in oblique alinement, substantially as described.

13. A display-cabinet, comprising a casing; spools mounted therein in vertical and horizontal series, the bearings for the spools in each vertical series being out of vertical alinement; and openings formed in said casing in

series corresponding to the alinement of spools, each series being in oblique alinement, substantially as described.

14. A display-cabinet, comprising a casing;
5 vertical partitions arranged therein, the front face of each of said partitions being arranged inclined to the vertical plane thereof; bearings formed in said partitions parallel to the front edge of said partitions; and spools re-

movably mounted in said bearings, substantially as described.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

WILLIAM H. WYMAN.

Witnesses:

ARTHUR CUJER,
G. F. STEWART.