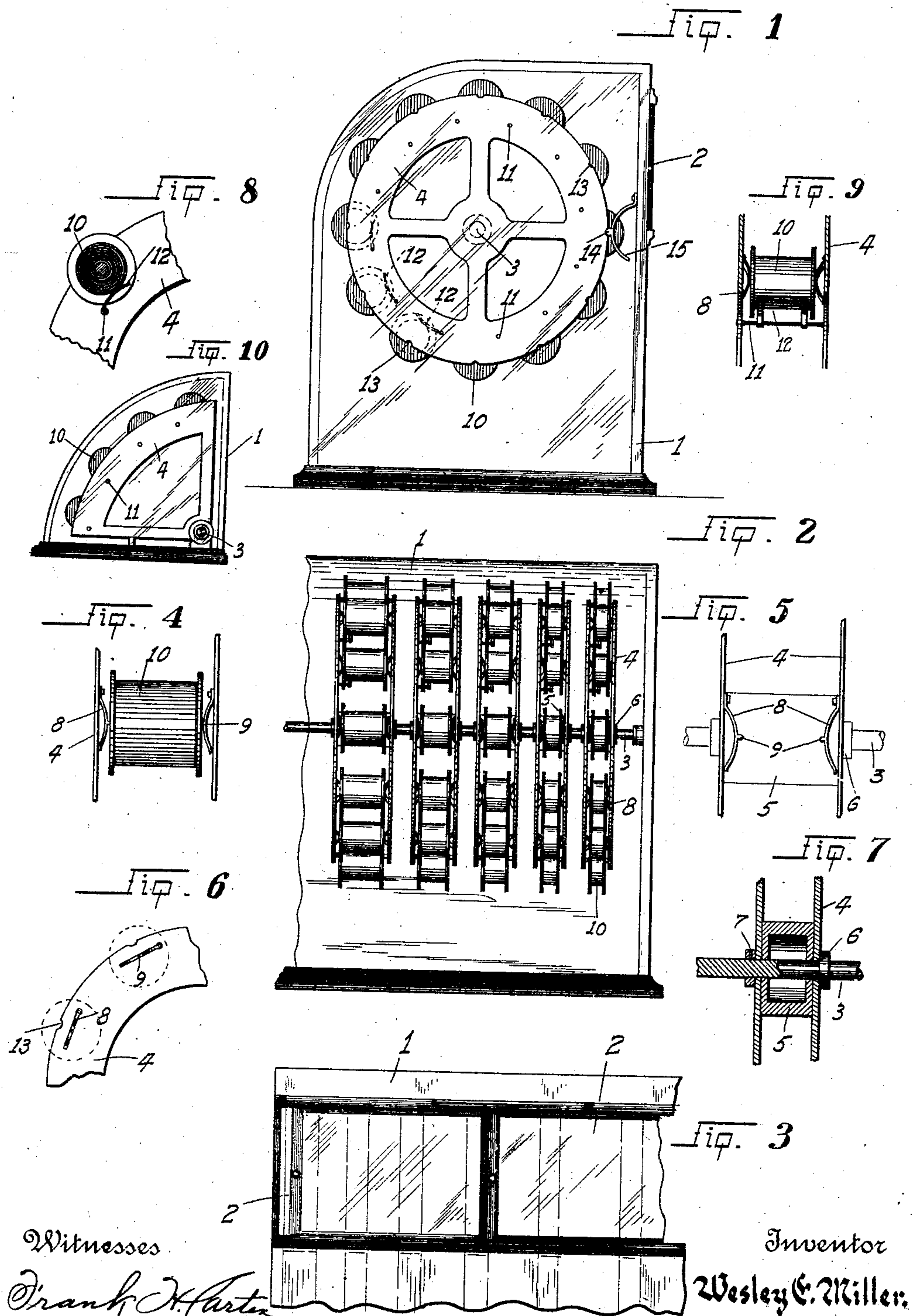


No. 880,151.

PATENTED FEB. 25, 1908.

W. E. MILLER.
RIBBON SHOW CASE.
APPLICATION FILED AUG. 13, 1907.



Witnesses

Frank H. Carter
W. S. Wilsey

Inventor

Wesley E. Miller.

By Percy S. Webster
Attorney

UNITED STATES PATENT OFFICE.

WESLEY E. MILLER, OF OAKDALE, CALIFORNIA.

RIBBON SHOW-CASE.

No. 880,151.

Specification of Letters Patent.

Patented Feb. 25, 1908.

Application filed August 13, 1907. Serial No. 388,330.

To all whom it may concern:

Be it known that I, WESLEY E. MILLER, a citizen of the United States, residing at Oakdale, in the county of Stanislaus and State of California, have invented certain new and useful Improvements in Ribbon Show-Cases; and I do declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this application.

This invention relates to improvements in display show cases and particularly to that class known as ribbon display show cases, my object being to produce such a display case as will display bolts of ribbons in an attractive and distinctive manner, and also permit the ribbon to be easily handled for display purposes and for cutting and handling the same. This object I accomplish by means of a show case having a rotating shaft therein on which are mounted a plurality of flanges between which flanges the bolts of ribbons are adapted to be inserted and held; also by such other and further construction as will appear by a perusal of the following specification and claims.

In the drawings similar characters of reference indicate corresponding parts in the several views.

Figure 1 is a side elevation of my improved show case. Fig. 2 is a front elevation of one end of the show case. Fig. 3 is a fragmentary view of the rear side of the show case. Fig. 4 is a front elevation of a ribbon bolt retaining mechanism with the bolt therein. Fig. 5 is a similar view with the bolt removed. Fig. 6 is a fragmentary view of a flange. Fig. 7 is a sectional view of a flange retaining mechanism. Fig. 8 is a sectional view of a ribbon bolt attachment. Fig. 9 is a front elevation of a ribbon bolt attachment. Fig. 10 is a side elevation showing a segmental display rack.

Referring more particularly to the characters of reference on the drawings 1 designates the show case proper which is suitably constructed and provided with sliding rear doors 2.

Disposed lengthwise across the interior of the case 1 is a shaft 3 on which are mounted a plurality of flanges 4, the same being disposed in pairs, each pair having an interme-

diating core 5 and being held in position by means of collars 6 mounted on said shaft 3, said collars being secured in position by means of set screws 7.

Secured to the insides of the flanges 4 are bow springs 8 fastened to said flanges at one end and free at the others. Said springs 8 are provided with outwardly extending prongs 9 adapted to engage or bite into ribbon bolts 10 and thus hold them securely between the flanges 4.

On the flanges 4 to the rear of each ribbon bolt 10 is a pin 11 carrying a spring finger 12 which bears against the ribbon on the bolts 10, thus keeping it from unrolling without the necessity of pinning it, which of course soils and wastes it.

The flanges 4 are provided with notches 13 in alinement with each ribbon bolt 10, said notches adapted to receive lugs 14 disposed on bow springs 15, which are secured to the inner side of the case 1.

In practice the space between the flanges 4 is varied according to the size of ribbon bolts which they are to hold, as shown in Fig. 2, the cores 5 being of course constructed accordingly.

When it is desired to place the ribbon bolts 10 between the flanges 4 the springs 8 are depressed and the ribbon bolts 10 placed therebetween and then the springs 8 are permitted to resume their normal position, which action drives the prongs 9 into the ends of the bolts 10, thus holding them in position.

When it is desired to cut off a length of any desired shade of ribbon the flanges carrying the same are rotated until the lug 14 engages the notch 13 in alinement with the ribbon bolt carrying such shade. This holds the flanges 4 stationary while the ribbon is being rolled off and cut, the spring 12 performing its function as described.

Any desired number of flanges and number of ribbon bolt holders for each may be employed as desired.

Thus it will be seen that I have produced a ribbon display show case which substantially fulfils all the objects of the invention, as set forth herein.

While this specification sets forth in detail the present and preferred embodiment of my invention, still many deviations therefrom may be resorted to within the scope of my claims without departing from the spirit of the invention.

Having thus described my invention, what

I claim as new and useful and desire to secure by Letters Patent is:—

1. In a device of the character set forth, a case, a shaft journaled therein, a plurality of
5 flanges mounted on said shaft, the same being spaced apart in pairs, independent cores mounted on said shaft intermediate each pair of flanges, collars on said shaft bearing against the outer sides of said flanges, means
10 locking said collars in position, and a plurality of ribbon bolts disposed intermediate each pair of flanges as set forth.

2. In a device of the character described, a case, a shaft journaled therein, a plurality of
15 flanges disposed on said shaft and spaced apart in pairs, an independent core mounted on said shaft intermediate each of said pairs, collars mounted on said shaft and bearing against the outsides of said flanges, set screws

disposed through said collars and set against
said shaft, and a plurality of ribbon bolts disposed intermediate each pair of said flanges, as described. 20

3. In a device of the character described, a shaft, a plurality of flanges thereon spaced
25 apart in pairs, ribbon bolts disposed intermediate each pair, pins secured in said flanges and extending in the front of the said bolts, and independent spring members secured to said pins and bearing against said
30 ribbon bolts, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WESLEY E. MILLER.

Witnesses:

PERCY S. WEBSTER,
FRANK H. CARTER.