

(No Model.)

C. E. GOULD.  
SHOW CASE FOR SPOOL THREAD.

No. 446,642.

Patented Feb. 17, 1891.

Fig. 1.

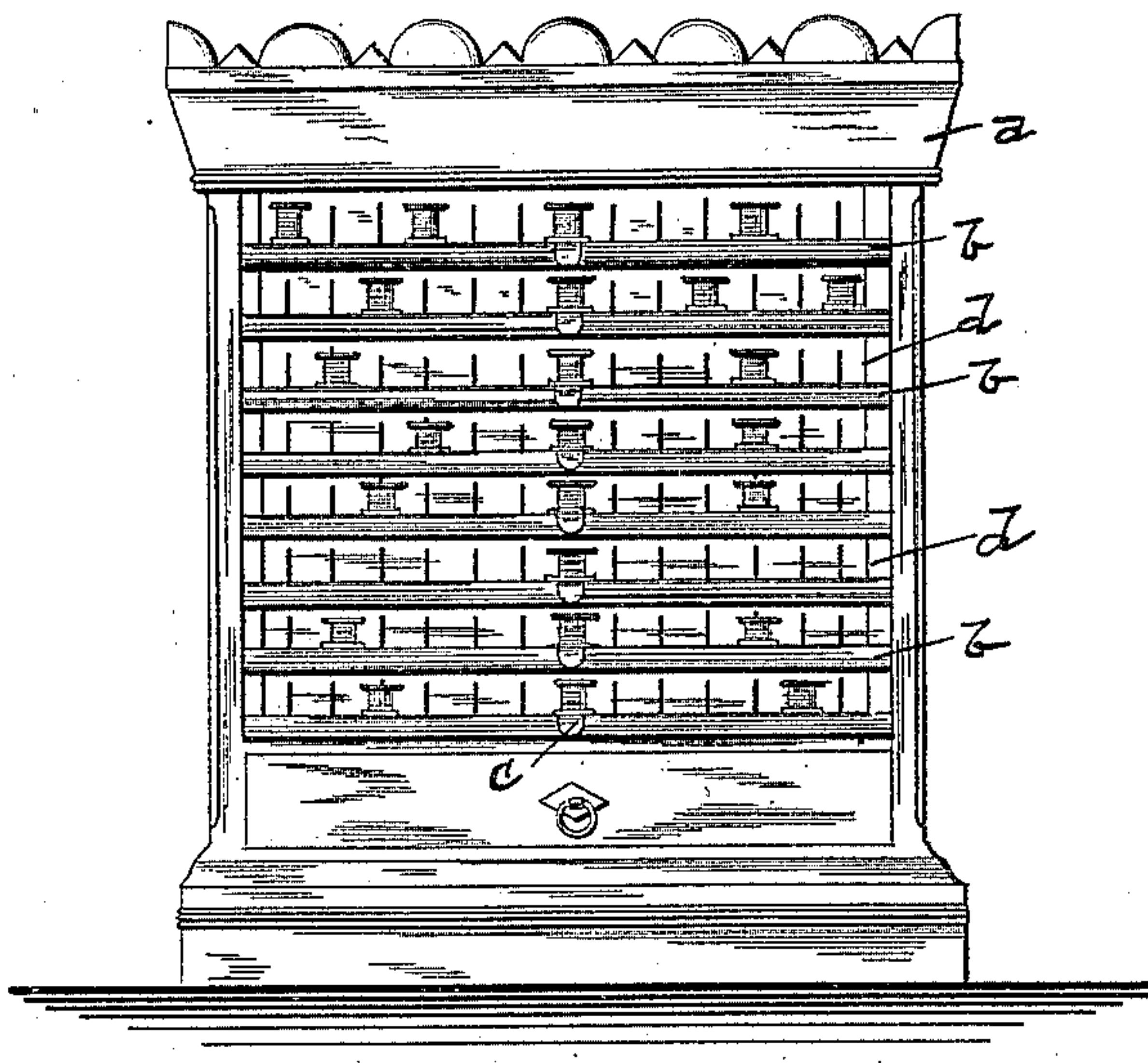


Fig. 2.

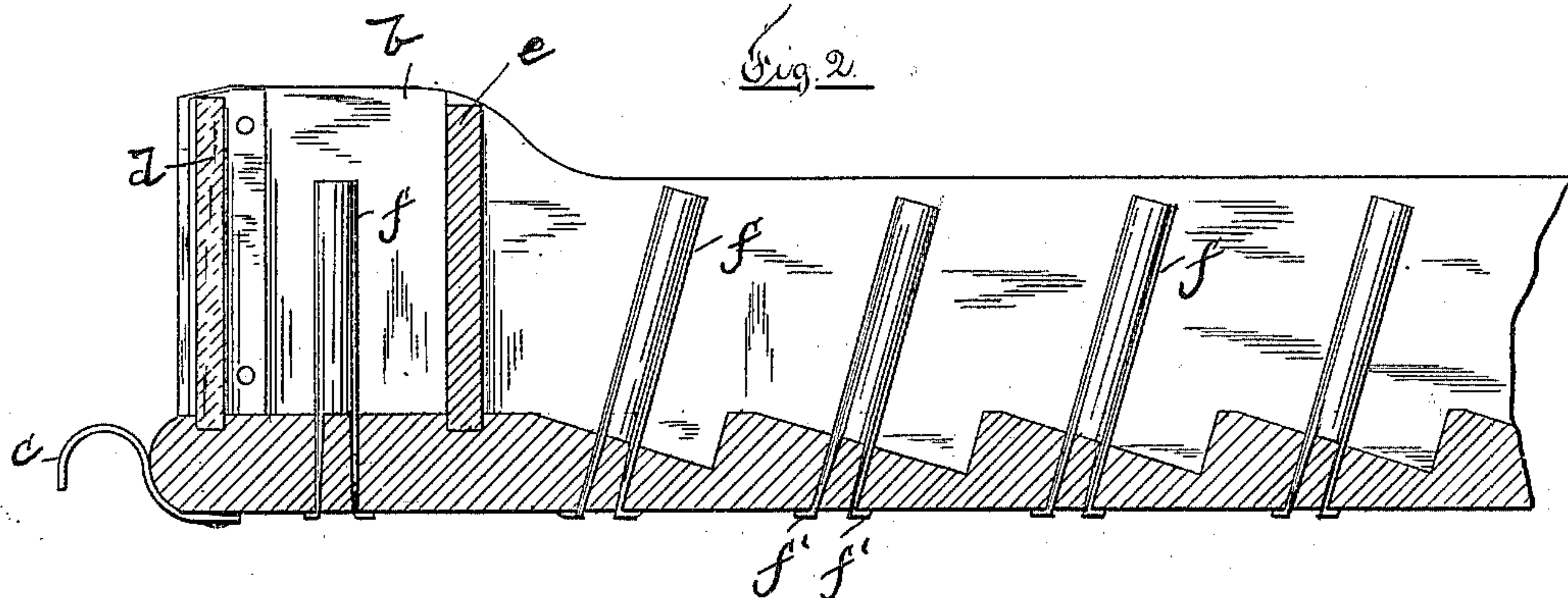


Fig. 3.



Fig. 4.

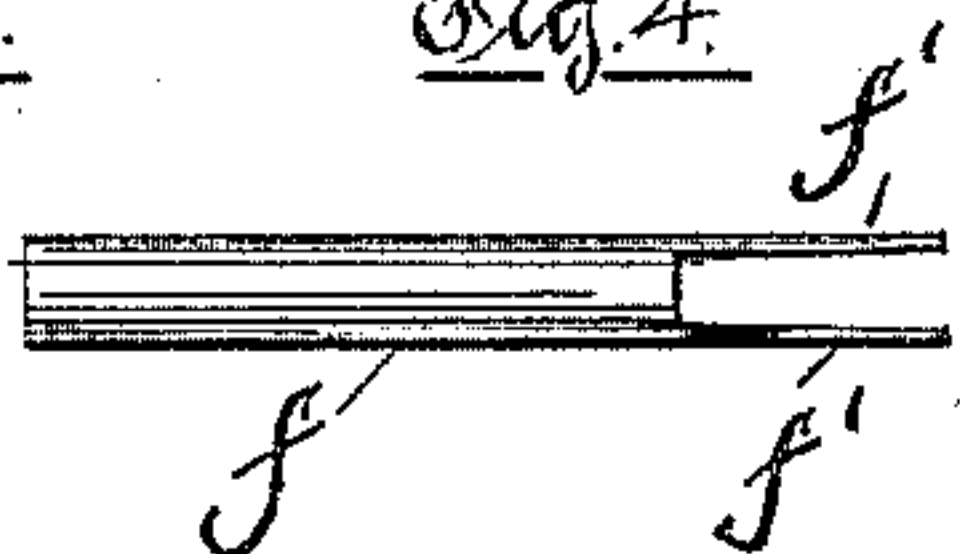
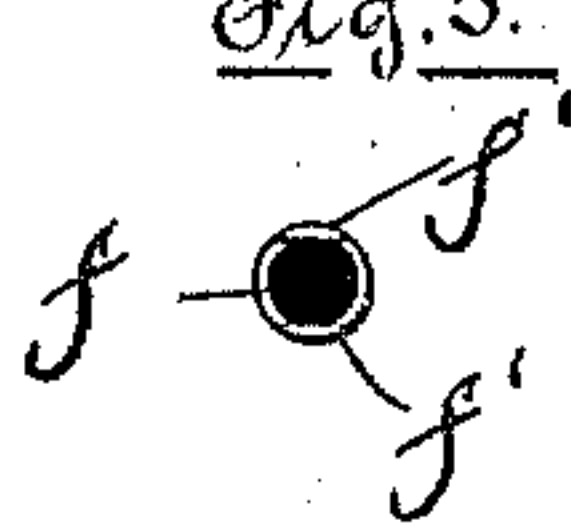


Fig. 5.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

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## SHOW-CASE FOR SPOOL-THREAD.

SPECIFICATION forming part of Letters Patent No. 446,642, dated February 17, 1891.

Application filed June 5, 1890. Serial No. 354,314. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES E. GOULD, of Northampton, in the county of Hampshire and State of Massachusetts, have invented a new and useful Improvement in Show-Cases for Spool-Thread, of which the following is a specification, reference being had to the accompanying drawings, forming part thereof.

My invention relates to show-cases for holding spool-thread such as are generally used in stores; and it has for its object to provide a cheaper, stronger, and more durable device for holding the spools within such a case than the wooden pins or pegs heretofore employed.

To this end the invention consists in a show-case having one or more drawers or compartments, and having projecting upwardly within said drawers or compartments a series of tubular metallic pins to receive spools of thread, which pins are provided with pointed ends adapted to be driven through the bottom of the drawer or compartment, as herein-afterfully described, and particularly pointed out in the claims.

Referring to the drawings, in which like letters designate like parts in the several figures, Figure 1 is a front elevation of a show-case embodying my invention. Fig. 2 is a longitudinal section of one of the drawers thereof. Figs. 3, 4, and 5 are respectively a view of the upper end, a side elevation, and a view of the lower end, of one of the pins by which the spools are supported.

In Fig. 1 is shown a common form of show-case for spool-thread, consisting of the case or cabinet *a*, having the series of drawers or compartments *b*, adapted to slide out of and into said case upon suitable ways, said drawers being provided with suitable handles *c* and with glass fronts *d* to enable the color and grade of the thread therein to be determined without opening the same. A partition *e* is usually located between the first and second rows of spools to shield the spools behind it from the light, and thereby prevent fading of the colors of the thread. As heretofore constructed said drawers have been provided with upwardly-projecting pins or pegs seated within holes in the bottom of the

drawer for supporting the spools of thread, and said pins or pegs, besides necessitating the boring of a hole for each and thereby materially increasing the cost of making the case, are liable to become loosened and either come entirely out of their sockets or project upwardly to a point where they prevent the sliding movement of the drawer. For the purpose of overcoming these and other objections to the form of pin or peg heretofore used I have devised the one illustrated in the drawings, consisting of a tube *f*, of tin or other sheet metal, terminating at one end in one or more prongs *f'*. I prefer to provide said pin with two prongs, as shown, located upon opposite sides thereof, as increased strength and stiffness are thereby secured. The pin thus constructed can be manufactured very cheaply by stamping out of the metal a blank of the proper form and then rolling said blank to form the pin, and it is applied to the drawer *b* or other support for the spools by simply driving the prong or prongs *f'* through the bottom and clinching the ends thereof by bending them laterally, as shown in Fig. 2. Such operation can be very quickly performed by placing the bottom of the drawer upon a block of metal and driving the pins through said bottom one after another, the metallic block clinching the ends of the prongs as fast as they come through. A great saving in the time required to manufacture a show-case is thus effected, and consequently in the cost thereof. Moreover, the pin thus secured in place cannot become loosened by any use to which such show-cases are put.

As shown in Fig. 2, the upper surface of the drawer-bottom is formed into a series of inclined faces of the proper size to receive the end of a spool, and the pins which enter said faces are perpendicular thereto, such being a common way of forming the bottoms of the drawers in cases of this character; but it will be understood that the pin devised by me is applicable to any form of drawer which is designed to hold spools of thread.

As hereinbefore intimated, the pin could be provided with a single prong; but I prefer to provide it with two or more, because of

the greater strength and stiffness thereby secured.

Having thus fully described my invention, what I claim, and desire to secure by Letters  
5 Patent, is—

1. In a show-case for spool-thread, the combination, with the drawer or compartment *b*,  
of a series of tubular pins *f*, having one or  
more prongs *f'*, adapted to be driven through  
10 the bottom of said drawer or compartment

and bent laterally to hold said pins in position, substantially as set forth.

2. The spool-holding pin for show-cases herein described, consisting of a metallic tube *f*, having at one end the prongs *f'* integral  
therewith, substantially as set forth. 15

CHARLES E. GOULD.

Witnesses:

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