

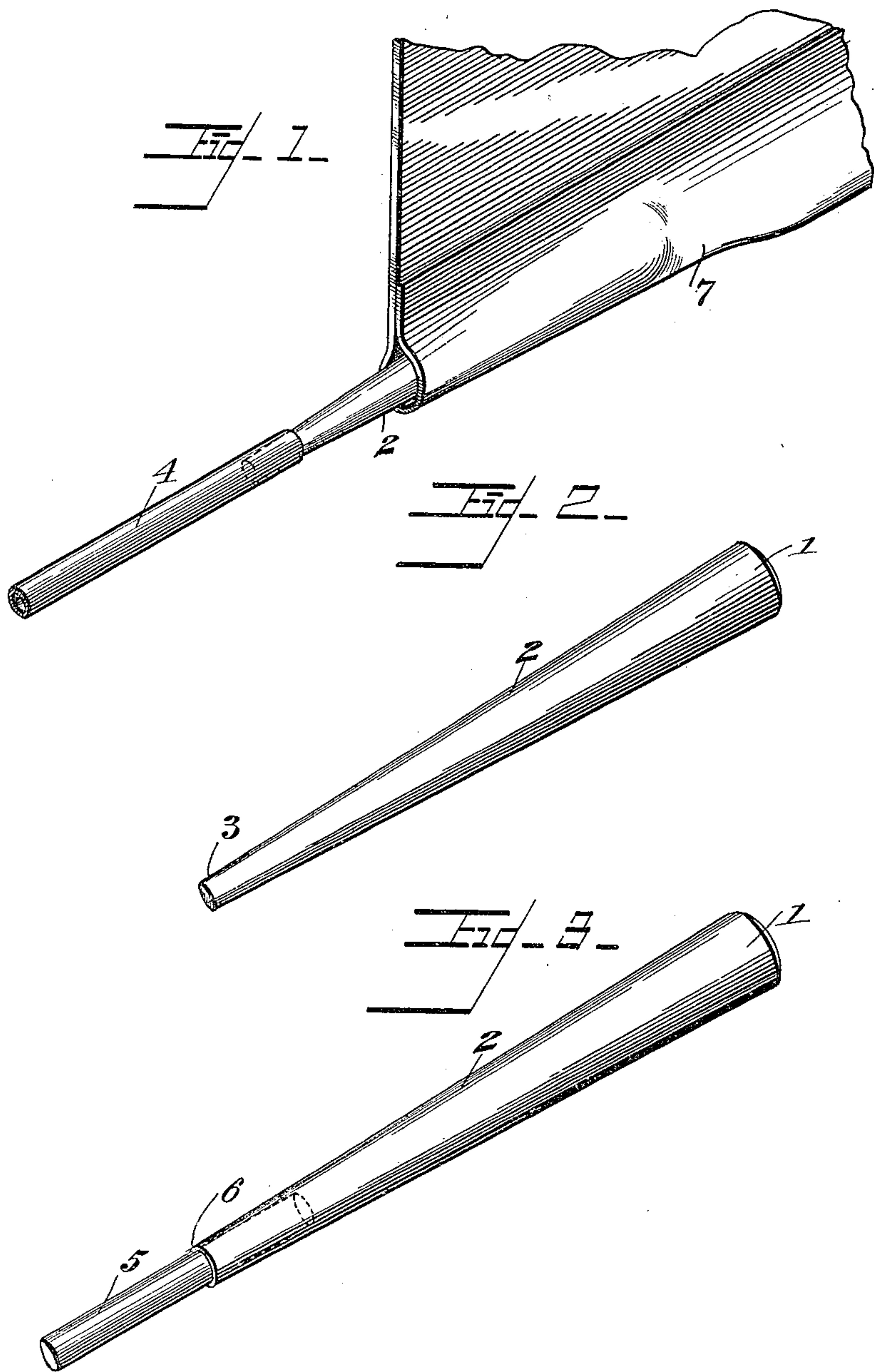
No. 670,342.

Patented Mar. 19, 1901.

C. FREUND.
CURTAIN ROD THREADER.

(Application filed Aug. 3, 1899.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

CHRISTINA FREUND, OF ALLEGHENY, PENNSYLVANIA.

CURTAIN-ROD THREADER.

SPECIFICATION forming part of Letters Patent No. 670,342, dated March 19, 1901.

Application filed August 3, 1899. Serial No. 725,975. (No model.)

To all whom it may concern.

Be it known that I, CHRISTINA FREUND, a citizen of the United States, residing at Allegheny, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Curtain-Rod-Threading Leader, of which the following is a specification.

This invention relates to curtain-rod-threading leaders, and the purpose of the same is to facilitate the insertion of a solid or tubular rod in the sheath or analogous rod-supporting device of a curtain and avoid wear and tear of the entering-rod end on the parts of the sheath or other device by spreading or opening up the latter in advance of the said end in excess of the diameter of the rod.

The invention consists, essentially, of a leader having an enlarged rounded head end, from which the body gradually tapers to an opposite reduced attaching end, which is removably applied to the curtain-rod, the said head end being materially larger than the diameter of a curtain-rod with which it operates.

The invention further consists of the details of construction and arrangement of the parts, which will be more fully hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a portion of a curtain, showing the sheath and the manner of using the improved device. Fig. 2 is a detail perspective view of the improved leader. Fig. 3 is a similar view showing a slight change in the construction.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

The leader has an enlarged, preferably rounded, head 1, from which the body 2 gradually tapers longitudinally to a reduced attaching end 3. This construction is similar in all the figures shown, and when employed in connection with a tubular curtain-rod 4 the reduced end of the leader, as shown by Fig. 2, is inserted in one end of the said tubular curtain-rod, as clearly illustrated by Fig. 1.

To adapt the leader for use with a solid rod 5, as shown by Fig. 3, the reduced end is constructed with a socket 6 to receive the end portion of the said solid rod, and in furnishing the device it will be preferred to have them arranged in sets, embodying at least

two leaders, one of which will have a reduced solid end and the other a reduced end formed with a socket therein. This precise construction of the improved device is not necessarily imperative, however, and simply affords convenient means for operating in connection with different kinds of curtain-rods.

The material of which the leader is formed may be varied and be either wood or metal, and if metal is used in the formation of the same it can be suitably plated or otherwise treated and may also be of a non-corrosive nature. The proportions and size of the device might also be varied to accommodate different applications.

In using the device the reduced end is either inserted in the one end of a tubular curtain-rod or if a solid rod is to be threaded its end is inserted in the socket 6, and when the improved device and rod have thus been arranged in either instance the head 1 is inserted in one end of the casing or sheath 7 at the bottom edge of a curtain, as shown by Fig. 1. Pressure is exerted on the rod, and the leader is gradually and regularly shoved ahead in the sheath and opens the latter in advance of the rod end, thus clearing the way for the ready insertion of the latter without frictional contact of the inserted rod end against the parts of the sheath. Separation of the leader from the rod is obviated by reason of the fact that the pressure is in such a direction as to more firmly unite the devices rather than disconnect them, and the successful threading of the curtain-rod is thus insured. After the rod has been entirely threaded through the sheath the leader can be easily disconnected therefrom and the parts of the sheath fall in and around the said rod, regularly from end to end, and hold the same.

The advantages of the leader will become apparent by continued use and, owing to the simplicity of the device, the cost of manufacture is reduced to a minimum. The tapered bobbin is adapted to be readily applied to tubular rods of various diameters, and the form of the invention illustrated in Fig. 3 of the drawings is adapted to be readily applied to either a solid or a tubular rod.

The leader is adapted for either domestic or other use and can be conveniently employed for darning gloves or analogous purposes,

where a small device of the character must be inserted in a partial inclosure to bring up the opposite portions of a rent or tear for stitching.

5 Having thus described the invention, what is claimed as new is—

1. A curtain-rod-threading leader provided with an enlarged rounded front end adapted to be passed through the casing or sheath of
10 a curtain without injuring the fabric, said leader being provided at its rear end with a socket to receive a solid curtain-rod and being tapered toward its rear end to fit into a tubular curtain-rod and capable of friction-
15 ally engaging rods of different sizes, substantially as described.

2. A curtain-rod-threading leader provided with an enlarged rounded or convex front end adapted to be passed through the casing or sheath of the curtain without puncturing
20 or otherwise injuring the fabric, said leader being tapered from its front to its rear end and adapted to frictionally engage tubular rods of different sizes, substantially as and for the purpose described. 25

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CHRISTINA FREUND.

Witnesses:

HENRY MEYER,
LEANDER TRAUTMAN.