Jan. 28, 1941. F. L. PEARSON 2,230,011

BOBBIN SKEWER

Filed April 29, 1940

Fig. 1.

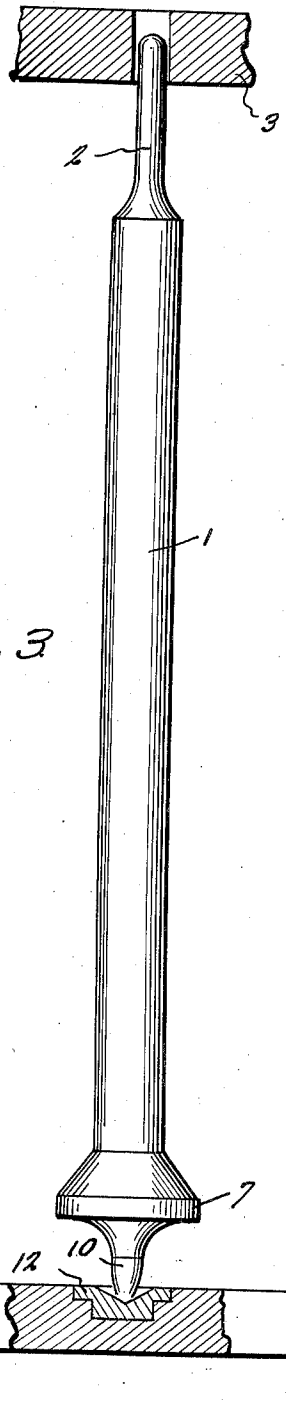


Fig. 2.

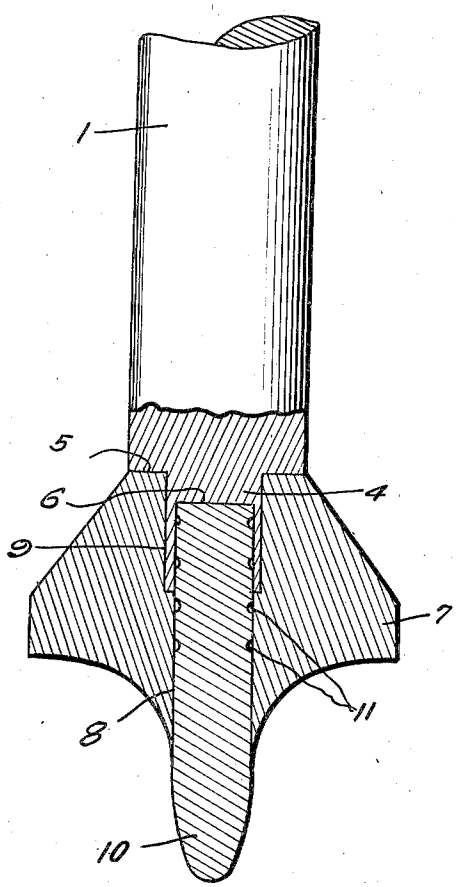
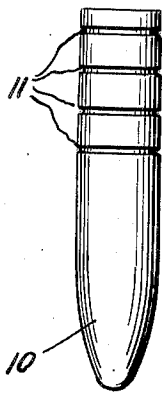


Fig. 3.



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BOBBIN SKEWER

Fritz Lee Pearson, Travelers Rest, S. C.

Application April 29, 1940, Serial No. 332,353

1 Claim. (Cl. 242—130)

The present invention relates to new and useful improvements in bobbin skewers and has for its primary object to provide, in a manner as hereinafter set forth, a device of this character comprising a novel bearing point or tip whereby the life of the skewer will be considerably prolonged.

Another very important object of the invention is to provide a bobbin skewer of the aforementioned character wherein the bearing point or tip also functions as a means for strengthening the joint between the button or head and the staff or barrel of the skewer.

Other objects of the invention are to provide a bobbin skewer of the character described which will be comparatively simple in construction, strong, highly efficient and reliable in use and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention wil become apparent from a study of the following specification, taken in connection with the accompanying drawing wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is an elevational view of a bobbin skewer constructed in accordance with the present invention, showing the device mounted between the upper and base rails.

Figure 2 is a fragmentary view of the lower portion of the skewer, showing same partially in elevation and partially in vertical section.

Figure 3 is a detail view in elevation of the bearing point or tip.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a staff or barrel 1 of suitable wood. The staff 1 terminates in the usual reduced upper end portion 2 adapted to be journaled in the upper rail 3.

At its lower end the staff 1 terminates in a reduced neck 4 which provides a shoulder 5. The neck 4 has formed therein a socket 6 (see Fig. 2) the purpose of which will be presently set forth.

Mounted on the neck 4 and firmly secured thereto is a button or head 7 of suitable wood the upper portion of which abuts the shoulder 5. The head 7 is provided with a central bore 8 which is in registry with the socket 6 in the neck 4. The upper portion of the bore 8 is counterbored, as at 9, for the reception of the neck 4.

Mounted in the socket 6 and the bore 8 and projecting downwardly from the head 7 is a fibre bearing point or tip 10 of substantially the shape shown to advantage in Fig. 3 of the drawing. The bearing point 10 is firmly secured in position through the medium of a suitable adhesive. Circumferential grooves or channels 11 in the upper portion of the bearing point 10 assist in firmly anchoring said point in the skewer. The point 10 is adapted to rest in the usual thrust bearing 12 in the lower or base rail 13.

It will thus be seen that a bearing point or tip has been provided which will wear considerably longer than the points in general use at present which are usually of different kinds of wood. It will also be observed that the construction and arrangement is such that the joint or connection between the head 7 and the staff 1 of the skewer will be greatly strengthened.

It is believed that the many advantages of a bobbin skewer constructed in accordance with the present invention will be readily understood and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

A bobbin skewer comprising a staff, a reduced neck on one end of the staff having a socket therein, said neck providing a shoulder, a head mounted on the neck in abutting engagement with the shoulder, said head having a central bore therein aligned with the socket, one end portion of the bore being counterbored for the reception of the neck, and a bearing point mounted in the socket and the bore and projecting from the head, said bearing point having circumferential grooves therein for receiving an adhesive.

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