Dec. 8, 1925. 1,564,917

J. S. WHITE

MEANS FOR PRESERVING GOLF CLUB SHAFTS

Filed June 12, 1925

Fig. 1.

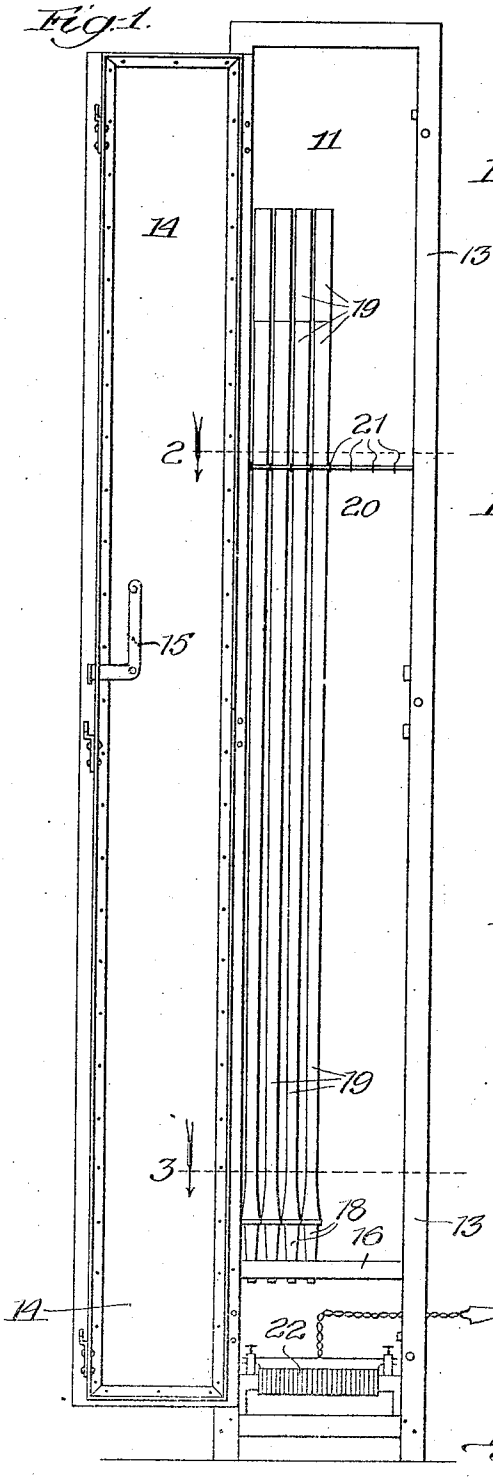


Fig. 2.

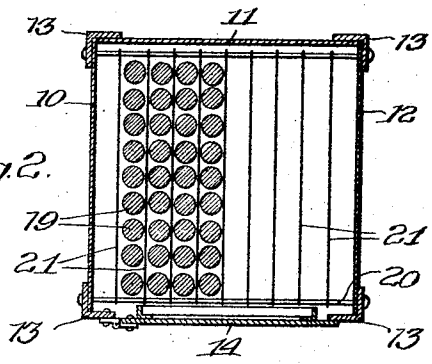


Fig. 3.

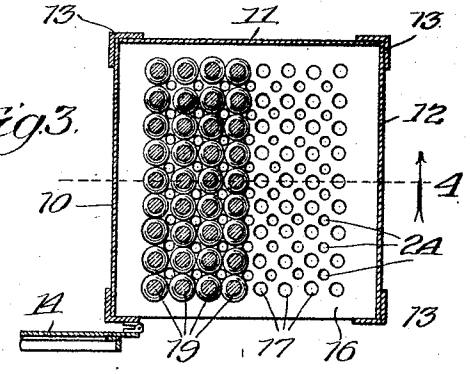
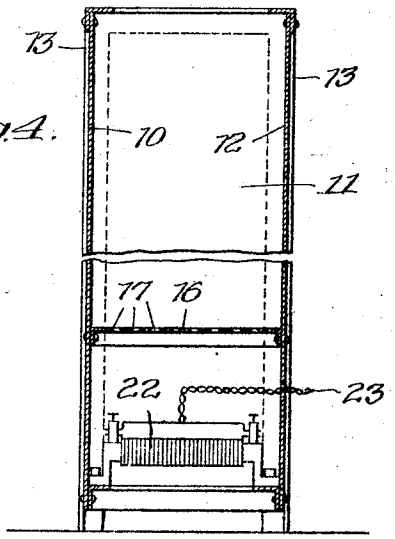


Fig. 4.



Inventor:
James S. White,
By Dyrenforth Lee, Chritton & Wiles,
Attys.

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UNITED STATES PATENT OFFICE.

JAMES S. WHITE, OF CHICAGO, ILLINOIS.

MEANS FOR PRESERVING GOLF-CLUB SHAFTS.

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To all whom it may concern:

Be it known that I, JAMES S. WHITE, a citizen of the United States, residing at 3017 Carroll Ave., Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Means for Preserving Golf-Club Shafts, of which the following is a specification.

This invention relates to means for preserving golf club shafts and the like.

In the repair of golf clubs, the shafts are roughly finished to shape and are thoroughly dried before leaving the factory to prevent their warping as would be the case if the moisture were permitted to remain in the shafts. These roughly finished shafts which are unfilled and unvarnished, are shipped to the repair men and these shafts are usually permitted to remain in an open room where they rapidly reabsorb the moisture from the atmosphere with the result that a shaft which is comparatively straight at the time it is fitted into a club-head will after some months warp badly.

The primary object of the present invention is to provide a ready means for overcoming this difficulty in preserving the shaft in substantially the same condition as that in which it leaves the factory.

Another object is to provide such a means which can be readily set up and used in the usual golf club repair shop.

These and other objects are accomplished by this invention which is fully described in the following specification and shown in the accompanying drawings; in which,

Figure 1 is a front elevation of a cabinet embodying the invention, such view showing the door open;

Fig. 2 is a slightly enlarged section on the line 2 of Fig. 1;

Fig. 3 is a similar view on the line 3 of Fig. 1; and

Fig. 4 is a vertical section on the line 4 of Fig. 3.

The embodiment illustrated comprises a vertically disposed cabinet having side walls 10, 11 and 12 which are held together in any suitable manner as by means of corner pieces 13 which are riveted, spot-welded or otherwise secured thereto.

A door 14 is hingedly mounted so as to close the front of the cabinet this door being locked by any suitable form of locking mechanism 15.

The top of the cabinet is preferably left open while a perforated plate 16 is secured some distance above the lower ends of the corner supports 13. A series of holes 17 is provided in this plate in aligned rows so as to receive the tapered lower ends 18 of shafts 19 as shown in Fig. 1. A wire frame or the like 20 is provided near the upper portion of the cabinet, the wires 21 of this frame being spaced so as to overlie the spaces between the rows of holes 17, thereby keeping the upper ends of the shafts aligned as shown in Figs. 1 and 2.

An electrical heating element 22 is secured beneath the plate 16 and has wires 23 by means of which current is brought in from any suitable source such as a lighting circuit for heating the element 22. The air within the spaces beneath the plate 16 is thus heated and passes up through holes 24 which are located between the holes 17. Thus the heated air passes up between and around the golf club shafts and eventually passes out through the top of the cabinet. Only a relatively small amount of current is thus required to preserve the shafts in good condition since it is applied directly to them.

The vertical position of the shafts too aids greatly in keeping them straight since there is no tendency to sag as is the case where the shafts are held horizontally. Moreover this vertical arrangement, together with the spacing of the shafts in aligned rows by the spaced parallel wires 21 provides a ready means for circulating the hot air equally on all sides of the shafts.

While I have shown and described certain embodiments of my invention, it is to be understood that it is capable of many modifications. Changes, therefore, in the construction and arrangement may be made without departing from the spirit and scope of the invention as disclosed in the appended claim.

I claim:

In combination, an upright cabinet, a plate at the bottom of said cabinet having openings adapted to receive the ends of golf club shafts, means for keeping said clubs in parallel arrangement, means for heating the air in the bottom of said cabinet beneath said plate, and intermediate openings in said plate for passing hot air upwardly between said shafts.

JAMES S. WHITE.