Aug. 31, 1926. 1,597,742

T. W. TURNER

WHISTLE

Filed April 7, 1925

Fig. 1.

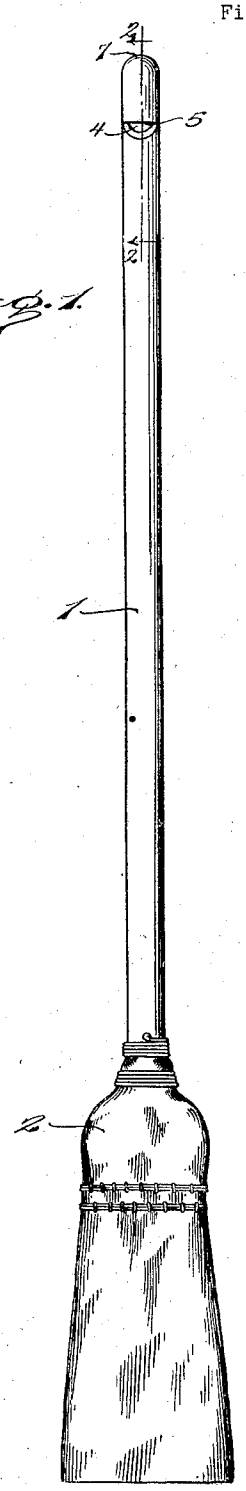
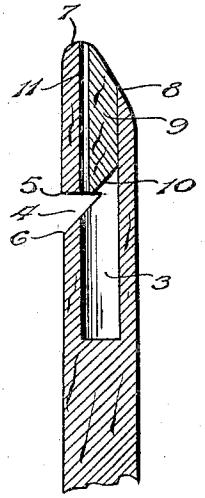


Fig. 2.



Inventor

T. W. Turner

By Lacey & Lacey, Attorneys

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UNITED STATES PATENT OFFICE.

THOMAS W. TURNER, OF NEWPORT NEWS, VIRGINIA.

WHISTLE.

Application filed April 7, 1925. Serial No. 21,432.

This invention relates to toys and more particularly to a whistle which may be incorporated in the handle of a toy broom so that children playing with the broom may amuse themselves by blowing the whistle.

One object of the invention is to so form the whistle that there will be no danger of it injuring the child if thrust too far into the mouth.

Another object of the invention is to prevent the sound producing element of the whistle from being displaced if the end of the broom handle having the whistle formed therein is struck against the ground.

In the accompanying drawings:—

Figure 1 is a view in elevation, of a broom embodying the invention.

Figure 2 is a vertical sectional view in detail, on the line 2—2 of Figure 1.

So far as the broom itself is concerned, the same comprises a wooden handle indicated by the numeral 1, and a broom head which is secured to the lower end of the handle in the usual manner and may be of a cheap grade of broom straw inasmuch as the broom is intended primarily as a toy.

In its upper end, the handle 1 is formed axially with a bore which is indicated by the numeral 3 and, at a point substantially midway between the ends of the bore, the handle is formed in one side with a notch 4 having a straight or abrupt wall and an oblique wall 6, the notch at its inner end entering the handle of the broom to a point substantially coincident with the axis of the handle. The extremity of the broom handle at that side in which the notch is formed, is more or less bluntly rounded as indicated by the numeral 7, and rearwardly of the rounded portion 7, the end of the handle is more gradually rounded, as indicated by the numeral 8. The bore 3 is of cylindrical contour and a plug of wood 9 is fitted in the outer end of the bore and has a beveled inner end 10 located substantially opposite the notch 4 and extending substantially parallel to the plane of the wall 6 of the said notch. The inner end of the plug 9 terminates in the plane of the wall 5 of the notch 4 and that side of the plug which is presented toward the side of the bore in which the notch is formed, is cut away to flat form to provide an air pasage indicated by the numeral 11.

From the foregoing description of the invention, it will be evident that when air is blown through the passage 11, vibrations will be set up to produce a whistling sound and it will likewise be evident from the foregoing description of the invention that the device is extremely simple and inexpensive in construction and that the plug is not liable to become displaced.

It will be evident that due to the fact that the end of the plug 9 is very gradually curved, as also the portion of the end of the handle with which it merges, any object striking against the plug will tend to glance off from the handle rather than drive the plug into the bore 3. It will also be evident that no sharp corners are presented which would be liable to cut the mouth of the child blowing the whistle.

Having thus described the invention, what I claim is:—

A whistle comprising a staff formed with a beveled face at its outer end and having an axially disposed bore opening through its beveled end and a notch in the opposite side from the beveled face communicating with the bore, and a plug fitted in the outer end portion of the bore and having its inner end terminating substantially flush with the adjacent end wall of the notch and its outer end beveled and flush with the beveled face of the staff, one side portion of the plug being cut away to provide an air passage, the outer end portion of said staff being circular in cross section and its extremity being rounded and merging into the beveled face of the staff.

In testimony whereof I affix my signature.

THOMAS W. TURNER. [L. S.]