

F. DUTCHER.

PARADE TORCH.

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1,029,051.

Patented June 11, 1912.

Fig. 1.

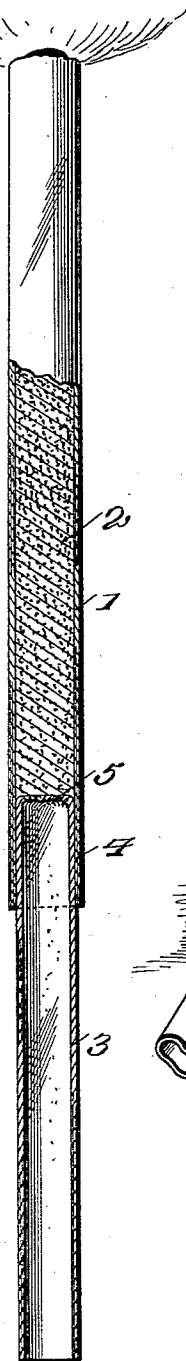


Fig. 3.

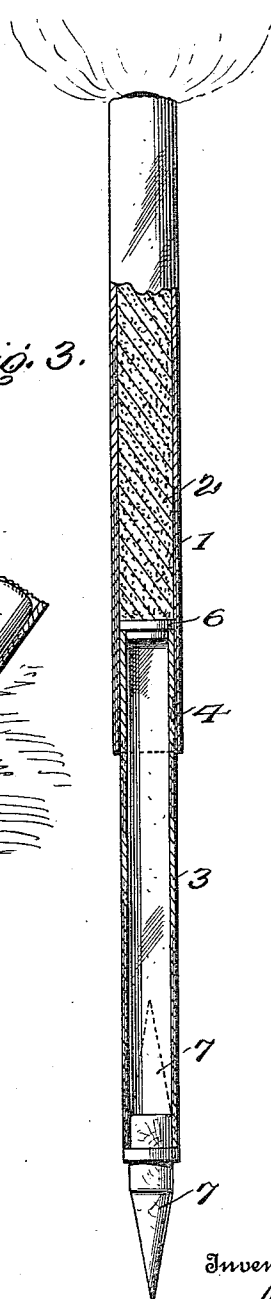
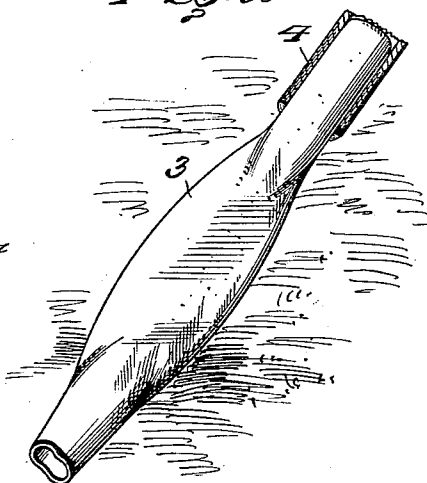


Fig. 2.



Witnesses

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FRANK DUTCHER, OF VERSAILLES, PENNSYLVANIA.

PARADE-TORCH.

1,029,051.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRANK DUTCHER, a citizen of the United States, residing at Versailles, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Parade-Torches, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to improvements in parade torches, the object of which is to provide the torch with a tubular collapsible handle.

In the parade torches as known to me, the torch has been provided with non-collapsible handles in the form of a wooden rod with one end extending into the tube of the torch. In the use of parade torches of the character to which this invention relates, after the torch has burned itself out, the handles are thrown promiscuously on the streets and have proven to be dangerous by reason of rolling when stepped upon, thus tripping and throwing the pedestrians both in and out of the parade. In the use of a torch of the character herein disclosed, the persons using them usually have several, so that when one has been consumed, the handle is thrown away and another lighted. The solid non-collapsible handles have added additional weight to the torch for the person carrying it; has added additional weight and expense in the transportation of the torch, and has added considerable to the expense of making the torch.

My present improvement comprises a tubular collapsible handle made of paper, which when stamped upon will flatten out and not roll and trip the person stepping thereon; it materially lightens the torch for carrying and transportation purposes, and materially cheapens the manufacture of the torch.

In the accompanying drawings—Figure 1 is a side view mostly in section, of a torch with my improved collapsible handle attached thereto. Fig. 2 is a perspective view of the handle after the torch has been consumed and flattened out or collapsed by pressure of a person's foot. Fig. 3 is a slight modification of my collapsible handle.

The character of torch here involved, comprises a paper tube 1, which contains the burning compound 2.

My improvement consists of a tubular collapsible handle 3, made of paper which has one end telescoping the projecting end 4 of the torch tube 1, and will preferably be fastened therein by paste or cement. The inner or upper end 5 of my improved handle 3, is closed to prevent the sifting or passage of the compound into the handle from the torch tube 1. This end of the handle may be closed in any suitable way, but preferably, by crimping in the end of the handle as shown in Fig. 1.

The torch tube 1 is consumed uniformly or substantially uniformly with the burning of the compound 2, so that after the torch has burned out there remains only the extended end 4 of the torch tube and the handle 3, as shown in Fig. 2. When these handles are discarded and thrown promiscuously on the street, as usual, they will collapse or flatten out, as shown in Fig. 2, if stepped upon, which prevents them from rolling and prevents the tripping and throwing of persons. Furthermore, this paper tubular collapsible handle is much cheaper to manufacture than the wooden handle heretofore used, and it is lighter for carrying and shipping purposes, thus being economical as well as safe.

The upper or inner end of the handle 3 may be closed by a suitable wad or plug 6, as shown in Fig. 3, instead of being crimped in, as shown in Fig. 1.

If it is desired to make the torch a lawn torch, a short wooden pointed plug 7, may be used, and this plug is reversible as shown in dotted lines Fig. 3, so that the pointed end may be placed within the tubular handle until ready to be used, when it can be placed point downward, as shown in solid lines in Fig. 3, and pushed into the lawn to support the torch while it is burning. When the torch is used as a lawn torch, the handles are then thrown promiscuously and unless made collapsible, are dangerous for the reasons stated in connection with the torch when used as a parade torch.

Having thus described my invention, what

I claim and desire to secure by Letters Patent is—

5 A torch of the character described, comprising a tubular portion, a burning compound placed therein, the tubular portion projecting beyond the compound, a tubular collapsible handle having a closed end, the closed end of the handle projecting into the torch tube extension to connect the

handle thereto and to hold the compound 10 within the torch tube.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

FRANK DUTCHER.

Witnesses:

GERTRUDE DAVIDSON,
SIMON F. LOEB.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
