C. M. McGINLEY.

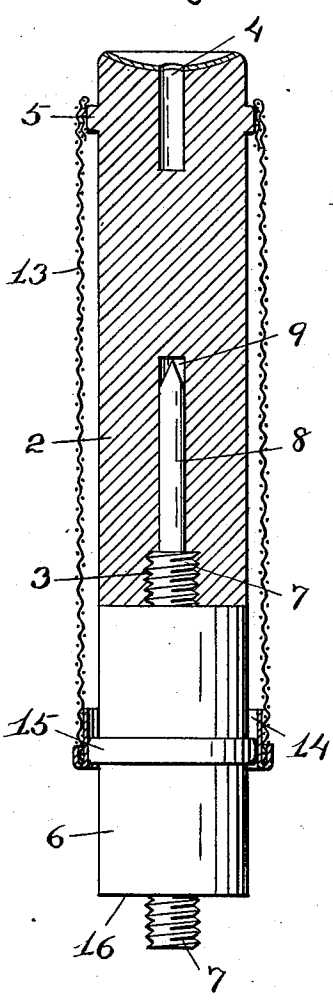
MOSQUITO TORCH.

APPLICATION FILED SEPT. 22, 1913.

1,088,606. Patented Feb. 24, 1914.

Fig. 1.

Fig. 3.



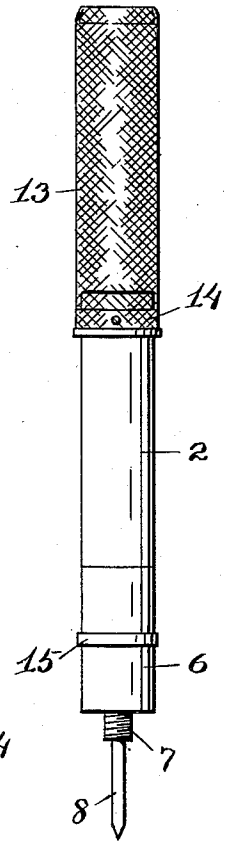


Fig. 4.

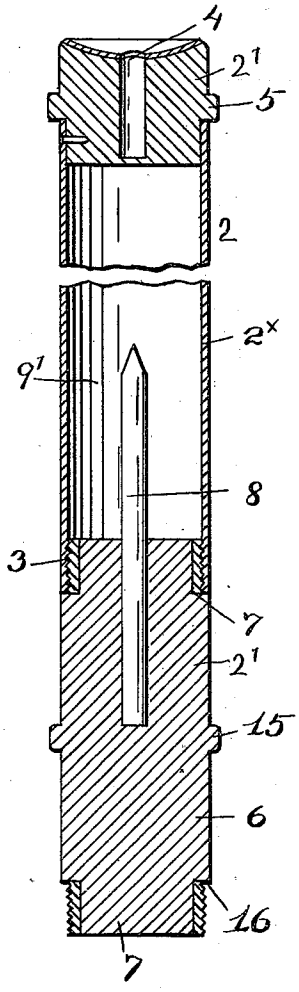
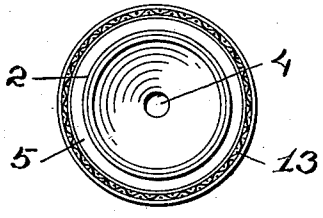


Fig. 2.



Witnesses

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MOSQUITO-TORCH.

1,088,606. Specification of Letters Patent. Patented Feb. 24, 1914.

Application filed September 22, 1913. Serial No. 791,143.

To all whom it may concern:

Be it known that I, CATHARINE M. McGINLEY, a citizen of the United States, resident of Boston, in the county of Suffolk and State of Massachusetts, have made a certain new and useful Invention in Mosquito-Torches; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a side view of the invention. Fig. 2 is a top plan view of the same. Fig. 3 is a central vertical section of the invention with the spike reversed. Fig. 4 is a similar view partly broken away showing a large chamber for packing the fuel sticks.

The object of the invention is to provide a safe and convenient torch for holding joss-sticks, incense sticks or other smoke making material for use in driving off mosquitos, gnats etc., and other purposes; and the invention consists in the novel construction and combinations of devices, as hereinafter set forth.

In the accompanying drawings, the numeral 2, indicates the middle section or body portion of the torch, consisting of a preferably cylindriform piece of wood or other suitable material, having at one end a socket 3, and at the other end a receptacle or receiving hollow or recess 4. Around the latter end of the body is provided a collar, flange or bearing 5, or the body portion may have a large chamber 9′ for packing the fuel sticks.

The lower or supporting portion or spike section 6, of the torch, consists of a piece of wood of similar contour to the middle section, and is provided with a tenon or projection 7, at each end, adapted to fit and engage the socket 3, of the middle section. Extending axially from one of these projections is a spike 8, which is firmly secured to or a part of the section 6. This spike, when the torch device is not in use, is designed to be received in and protected by an elongated hollow or bore 9, extending axially from the socket of the middle section. Around the middle of the lower section is provided a collar or bearing 15.

The upper section consists of a tubular chimney or guard 13 of wire net, having at its base a circumscribing catch ring or spring band 14, adapted to engage the bearing 5, of the middle section, and hold the chimney, above it, in upright position. Usually this porous chimney or guard is made a little shorter than the two other sections, and its diameter is substantially the same as that of the collars or bearings of these sections, it being designed to slide the chimney over these sections in the manner of a sleeve, when not in use. In this way the chimney is provided with an interior filling form serving to prevent it from becoming casually bent out of shape and useless.

The projections or tenons of the lower section, may be threaded and the socket of the lower end of the middle section, may be correspondingly threaded for proper engagement therewith, the shoulders 16, around said projections being designed to fit neatly against the lower end of the middle section when these two sections are secured together. The lower section being reversible, its spike end may be turned downward, and its other end, being secured to the middle section, forms a support which can be easily stuck in the ground or in a floor crack or other similar bearing to hold the torch in upright position.

The wire chimney or guard, having been moved upward until its lower portion engages the bearing at the upper end of the body portion 2, is in position to protect the inflammable material carried by the fuel receptable at the upper end of said body portion. This material being usually provided in thin or slender forms, can be placed in position before the chimney is adjusted in protecting position over it.

When in use, the lighter products of combustion, in the usual form of smoke, pass, through the wire netting, freely in every direction, this netting also serving to prevent the escape of sparks and cinders. At the same time, it serves to keep the ashes within the chimney.

In the modification of the invention shown in Fig. 4, the body 2 is composed of upper and lower sections 2′, and a central connecting section or shell 2^{x}, having the cavity 9′ wherein the fuel sticks may be stored.

I claim:

1. A torch, consisting of an elongated body portion having a fuel receptacle at its

upper end, a spike axially extending from its lower end, and an adjustable perforated sleeve, circumferentially engaging said body portion, and capable of being axially extended to form a porous chimney above said receptacle.

2. A torch, consisting of a body portion having a fuel receptacle at its upper end, and a recess bearing in its lower end, a reversible spike section engaging said body portion and an adjustable perforated section adapted to form a porous chimney above said receptacle.

3. A torch, comprising an elongated body section having a fuel receptacle at its upper end and a recess bearing in its lower end having a chamber extension, a reversible section having an axial support and means at its ends, for engagement with said bearing, and a perforated section engaging said body section and adjustable thereon, to provide a porous chimney above the receptacle of the body section.

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

CATHARINE M. McGINLEY.

Witnesses:
BESSIE POWELL,
MYRA J. ROGERS.

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