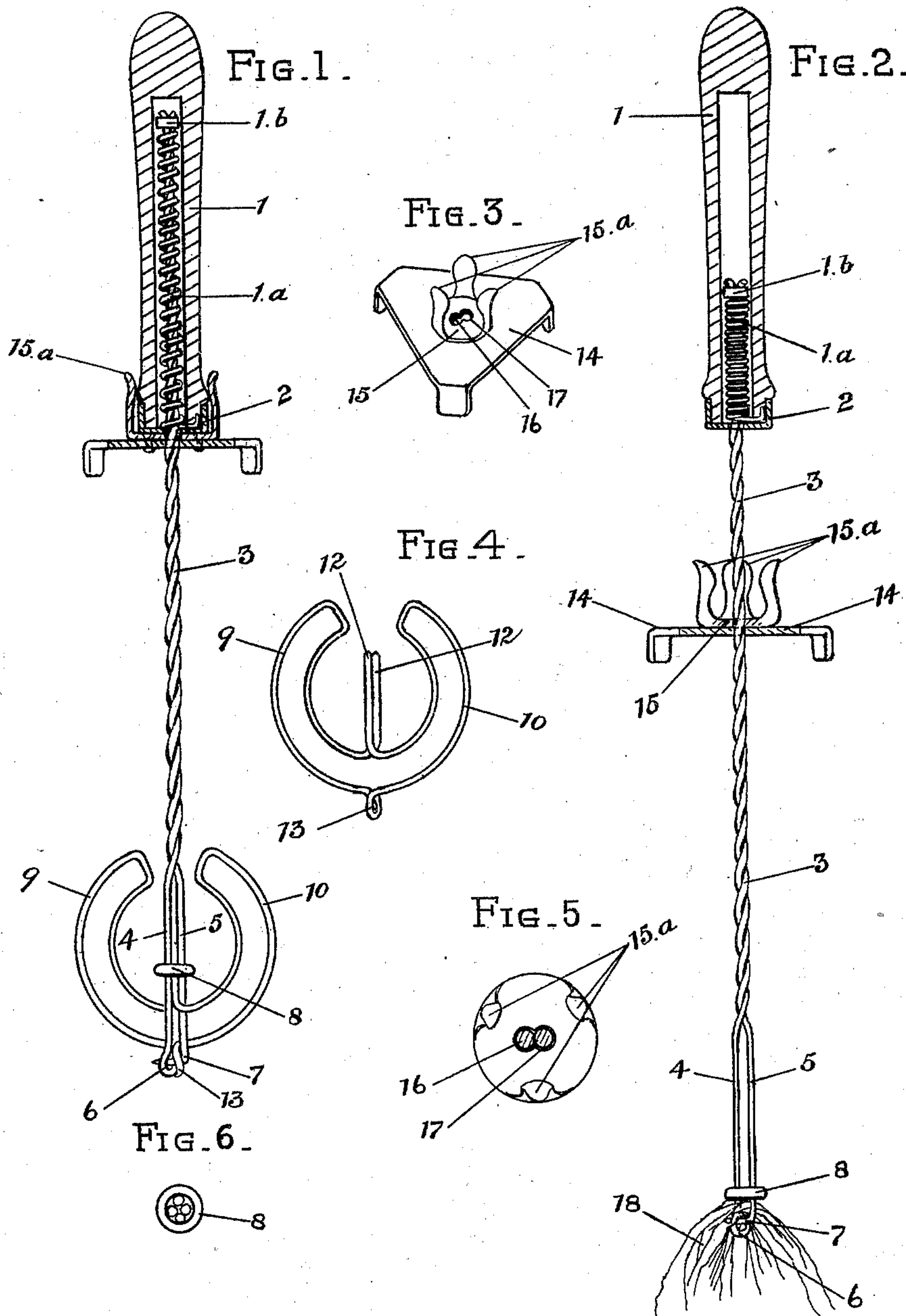


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CULINARY IMPLEMENT.
APPLICATION FILED MAY 4, 1909.

967,351.

Patented Aug. 16, 1910.



WITNESSES

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CULINARY IMPLEMENT.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILFRED DUPRÉ, citizen of the United States of America, residing at Worcester, Massachusetts, have invented certain new and useful Improvements in Culinary Implements, of which the following is a specification.

This invention relates to a culinary implement and particularly to a combined egg beater and lamp chimney cleaner, in which a rotary shaft is provided for the purpose of operating beater blades or for carrying wipers for cleaning a lamp chimney, novel means being provided for attaching the shaft to the blades or to a wiper.

An object of this invention is to produce a novel form of blade produced from a single piece of metal and having novel means for attachment with the shaft in order that the blade may be readily applied or removed from the said shaft.

A further object of this invention is to provide a novel cover for a chimney or receptacle, such as a bottle with which the shaft is to coact and the invention further contemplates the provision of novel means within the handle for operating the shaft.

With the foregoing and other objects in view, the invention consists in the details of construction, and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail, reference will be had to the accompanying drawings, forming part of this specification wherein like characters denote corresponding parts in the several views, in which—

Figure 1 illustrates a view in elevation of an egg beater, the handle thereof being in section; Fig. 2, illustrates a view similar to that shown in Fig. 1, except that the beater blades are removed and a wiper is substituted therefor; Fig. 3, illustrates a perspective view of a cap; Fig. 4 illustrates a view in elevation of the beater blades; and Fig. 5 illustrates a plan view of a clip. Fig. 6 illustrates a plan view of a sliding sleeve or ring.

In these drawings 1, indicates a hollow handle having a ferrule 2, on the end, apertured to receive the worm shaft 3, the said worm shaft comprising two lengths of wire twisted on each other. The worm shaft in so far as its construction in the main is concerned, is of ordinary type, but as to detail it differs from the ordinary type in

that the ends of the lengths of wire 4 and 5 forming the shaft are provided respectively with a loop forming an eye 6, and an angular end 7, adapted to enter the eye 6. The hollow handle is provided with a spring 1^a, having its lower end anchored to the ferrule 2. The shaft 3, extends through the spring and has its upper end provided with a head 1^b, which bears against the upper end of the spring.

As shown in the drawing, the lower portions of the wires 4 and 5 lie normally parallel and they are provided with a sliding sleeve 8, which operates to retain the end 7, in the eye 6 but when released, the resiliency of the wires causes them to move farther apart to allow the attachment of the blade 9 or the wiper 18. In the production of an egg beater, blades 9 and 10 are attached to the shaft, the said blades being formed of lengths of wire, the two ends 11 and 12 of which lie parallel and are adapted to be embraced by the sleeve 8, when the blades and shaft are in assembled relation. As fully illustrated, the blades have an integral loop 13, forming an eye and when the ends 11 and 12 are lying parallel with the shaft and are held by the sleeve 8, the end 7, of the wire 5, projects into the eye formed by the loop 13. By this arrangement of parts the shaft and blade are held together and the angular end 7 will also pass through the eye 6, in order that the loop of the blade may be clamped between the wires 4 and 5.

A cap 14, is provided through which the shaft extends and the said cap is designed to fit on a receptacle or bottle. A clip 15, has ears 15^a, and the said clip is provided with two merging apertures 16 and 17 in which the shaft is slidable and rotatable. The clip may retain the cap on the handle as illustrated in Fig. 1, or the clip may be detached from the handle as shown in Fig. 2.

When the shaft is to be utilized in connection with a wiper such as shown at 18, the angular end 7, of the shaft extends through the fiber of the wiper and into the eye 6, the ends of the shaft being held to clamp the fiber by the sliding sleeve 8. A manipulation of the handle in either of the forms shown in Figs. 1 and 2, will result in a rotation of the shaft, and hence the said shaft and its operating mechanism may have a double use, that is to say it may be

employed in connection with blades to form an egg beater, or with the blades detached and the wiper applied thereto, it may be utilized as a lamp chimney cleaner.

5 I claim—

1. In a culinary instrument, a worm shaft comprising two lengths of wire having resiliently movable, normally parallel spaced apart portions, means for contracting said
10 spaced apart portions, a member held by said portions when the same are contracted, and means for rotating said wire shaft.

2. In a culinary instrument, a wire shaft comprising two lengths of wire having resiliently movable, normally parallel spaced apart portions adapted to interlock, means for contracting said portions whereby the ends are held in interlocked engagement, a member held by said interlocked ends, and
20 means for rotating the shaft.

3. In a culinary implement, a worm shaft comprising two lengths of wire having their lower portions lying normally parallel and provided with movably disposed interlocking connections, means for holding the ends
25 in interlocked engagement, means for rotating the worm shaft, and a member held on the lower end of the worm shaft and rotated therewith.

30 4. In a culinary implement, a shaft comprising two lengths of twisted wire having their lower portions lying parallel and pro-

vided with interlocking connections, a sleeve slidable on the parallel portions of the wires, a beater having extensions lying parallel
35 with the worm shaft and engaged by the sleeve thereof, the said beater having an eye engaged by the interlocking connections of the wire, and means for rotating the worm shaft.

5. In a culinary implement, a handle, a worm shaft, a cap thereon, a clip on the cap adapted to engage the handle, and a member on the lower end of the worm shaft taking
40 motion from the worm shaft.

6. In a culinary implement, a worm shaft comprising two lengths of wire twisted together for a portion of their lengths and having portions lying parallel, a sleeve on the parallel portions, a loop on the end of
50 one wire forming an eye, an angular portion on the other wire adapted to enter the eye, beaters having parallel portions clamped by the sleeve, and a portion engaged by the angular end of one wire and the loop form-
55 ing the eye of the other wire, and means for rotating the worm shaft.

In witness whereof, I have hereunto affixed my signature in the presence of two witnesses.

WILFRED DUPRÉ.

Witnesses:

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W. E. OLIVER.