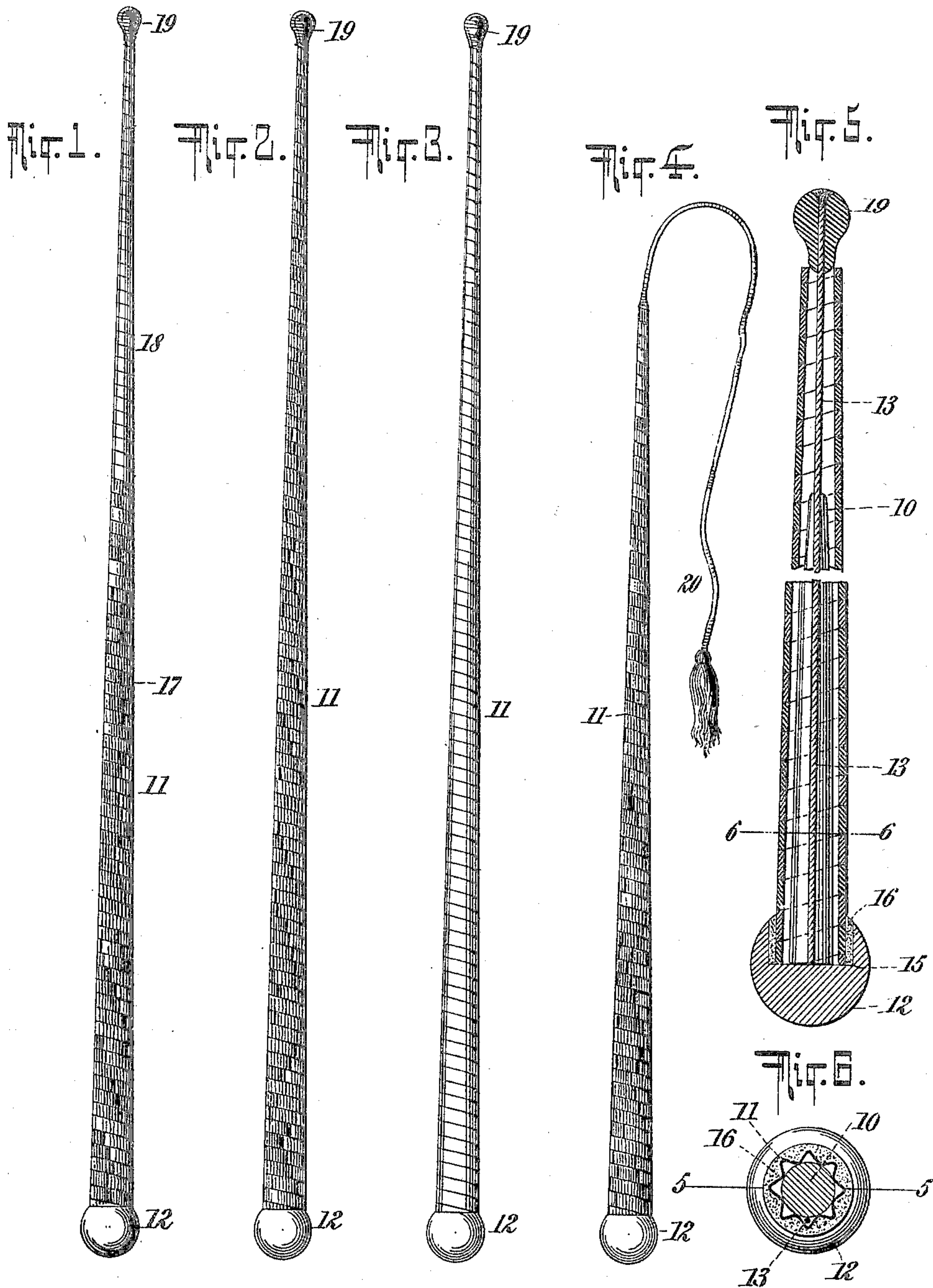


No. 811,964.

PATENTED FEB. 6, 1906.

W. F. SIMON.  
TOY WHIP.

APPLICATION FILED AUG. 22, 1904.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

WILLIAM F. SIMON, OF WEST HOBOKEN, NEW JERSEY.

## TOY WHIP.

No. 811,964.

Specification of Letters Patent.

Patented Feb. 6, 1906.

Application filed August 22, 1904. Serial No. 221,698.

*To all whom it may concern:*

Be it known that I, WILLIAM F. SIMON, a citizen of the United States, and a resident of West Hoboken, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Toy Whips, of which the following is a specification.

The invention relates to improvements in toy whips; and it consists in the novel features and combinations of parts hereinafter described, and particularly pointed out in the claims.

The object of the invention is to produce an attractive toy whip whose exterior portions are formed from a spirally-coiled strip or strips of thin sheet metal; and to this end the whip of my invention comprises in its preferred form a wooden handle-core, a body portion thereon of coiled sheet metal in strip form, a knob on the butt-end of said core, and a string connected at one end with the outer end of said coiled strip and at the other end to said core, whereby said string, which is concealed, serves to prevent the coiled strip from becoming unduly extended or pulled out and also as an aid in preventing the coiled strip from slipping off from the said core. Preferably the knob on the butt-end of the core of the whip will contain a cavity large enough to closely fit upon said core and the adjacent ends of said coiled strip and said string, so that by the tight fit of said knob or the application of a small quantity of glue within said cavity the said knob may be utilized as a convenient means for adding a finish to the end of the whip-handle and also to secure the adjacent ends of the core, coiled strip, and string very firmly together.

The invention will be fully understood from the detailed description hereinafter presented, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of a whip embodying my invention. Fig. 2 is a like view of a slightly-modified construction of whip embodying my invention. Fig. 3 is a like view of a further slightly-modified construction of whip embodying my invention. Fig. 4 is a like view of a further slightly-modified construction of whip embodying my invention. Fig. 5 is a longitudinal central section, on an enlarged scale and partly broken away, of the whip shown in Fig. 2; and Fig. 6 is a transverse section of same on the dotted line 6 6 of Fig. 5.

In the drawings, 10 designates the wooden

core of the whip; 11, the exterior body of the whip, formed of a coiled narrow thin metal strip or strips; 12, the knob on the butt-end of the whip, and 13 the string extending through said body and fastened at its ends at the ends of said body.

The core 10 is simply a tapered cylindrical stick of wood or other suitable material within the coiled metal body 11 and having firmly fastened upon its butt-end the knob 12, having a cavity 15 to receive the end of said core and the adjacent ends of said body 11 and string 13, together with a small quantity of glue 16, by which all said parts may be securely attached together.

The coiled strip of metal constituting the exterior body 11 of the whip may be either plain—that is, having plain surfaces, as shown in Fig. 3, or transversely crimped, as shown in Figs. 2 and 4, and on a larger scale in Figs. 5 and 6.

In Fig. 1 I illustrate the exterior body of the whip as made from a strip 17 of transversely-crimped and then coiled metal and a strip 18 of plain coiled metal, while in Figs. 2 and 4 the body 11 is shown as formed of a continuous transversely-crimped and then coiled strip of metal, and in Fig. 3 the body 11 is illustrated as formed of a continuous strip of plain coiled metal.

In the forms of whip shown in Figs. 1, 2, 3, and 5 a small knob 19 is fastened at the outer end of the body 11, this knob receiving and forming a fastening for the outer end of the string 13 and serving to ornament the whip and prevent any undue extension of the coiled body 11.

In the construction shown in Fig. 4 the string 13 is carried outwardly beyond the end of the body 11, so as to form a flexible leash 20, and at the outer end of said body 11 the coils thereof closely bind against said string.

The knobs 12 19 and body 11 will be variously colored to lend an attractive appearance to the whips, and the crimping of the metal strip produces an effect of lights and shades, (represented in Figs. 1, 2, and 4,) which add to the attractive character of the articles.

The core 10 does not in every instance, as in Figs. 1, 2, and 3, for illustration, extend out to the end of the body 11, and this leaves the outer end of said body flexible.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The whip comprising the core, the exte-

rior body formed of thin narrow coiled metal, the interior string fastened at the outer end of said body to prevent undue extension of the same, and the knob fastened on the butt-  
5 end of said core, said knob having a cavity to receive the said end of said core and the adjacent ends of said body and string; substantially as set forth.

2. The whip comprising the core, the exterior body formed of thin narrow coiled metal,  
10 the interior string, and the knobs at the ends

of said body, said string being fastened at its inner end at the base of said core and at its outer end connected with the outer one of said knobs; substantially as set forth. 15

Signed at New York city, in the county of New York and State of New York, this 19th day of August, A. D. 1904.

WILLIAM F. SIMON.

Witnesses:

ARTHUR MARION,  
CHAS. C. GILL.