

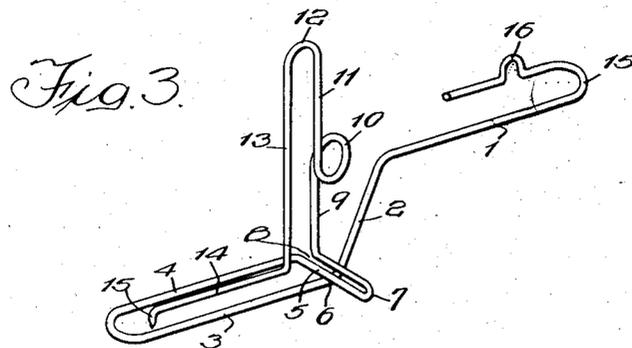
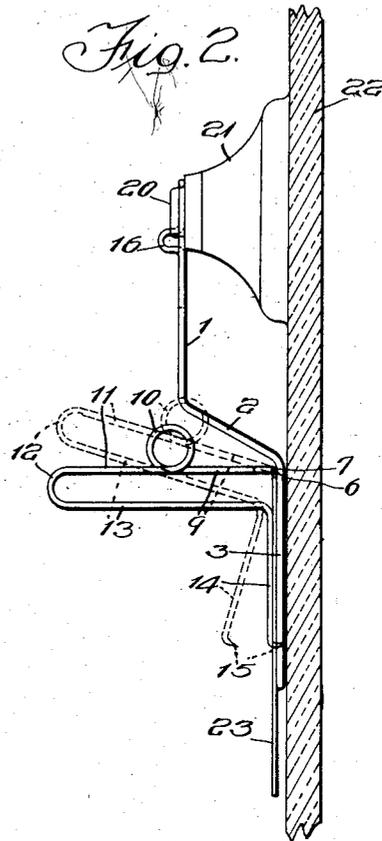
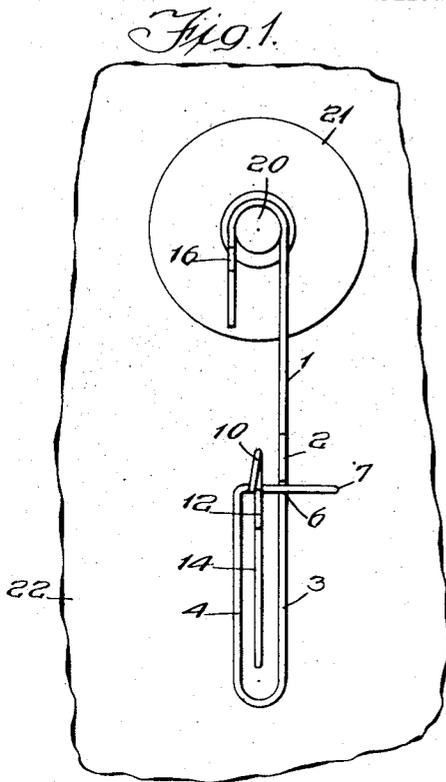
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CLIP

Filed May 31, 1930



Witness.

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CLIP

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This invention relates to a wire clip which is preferably formed for association with the neck part of a vacuum cup.

The clip is very simple and unique in construction and the same may be employed for many uses by constructing the shank part of the clip in different shapes. For an example, the shank part of the clip may be pointed so that it may be pinned to wearing apparel, such as dresses, coats, and the like, which may be suspended in tiers on racks. The shank may also be formed so as to secure the clip in a depending position on a wire or cord which may be strung across the inside of a store display window; and further, the shank may be constructed in the shape of a large ring or loop which will be adapted to clamp about a can, bottle, or the like, which may be arranged on shelves. If used in this latter manner, a price tag may be secured in the clip. Obviously, the shank part of the clip may be constructed in other shapes than those mentioned, to thereby adapt the clip for other purposes.

One particular object of the invention is to provide a clip having a shank securing part which is extended to provide a loop, and with a portion folded to engage one side of the loop and thence into a number of turns to provide a movable thumb and arm part, of which the latter is adapted for movement in and out of the loop.

Other objects and advantages of this improved type of clip will be obvious after reading the detailed description in connection with the drawings forming a part hereof.

In the drawings, wherein like reference characters indicate like or corresponding parts of the clip:

Fig. 1 illustrates the clip associated with a vacuum cup in its normal depending position, with said vacuum cup being affixed to a window pane;

Fig. 2 is a side view in elevation of the clip and vacuum cup shown in Fig. 1; and

Fig. 3 is a perspective plane view showing the clip per se, clearly showing the manner in which the clip is bent or twisted.

The clip device is preferably constructed from a single piece of steel wire and includes

a shank portion 1, a declined portion 2, a loop having substantially parallel sides 3 and 4, a part 5 bent substantially at right angles to the side 4 and adapted to rest upon the side 3 of the loop, as indicated at 6, and extend therebeyond as at 7. The wire is twisted back upon itself a distance about one-half or three-quarters of the length of the portion 5, as indicated at 8, and thence bent upwardly as at 9 substantially at right angles to the portion 8, and twisted to form a coiled spring 10. The wire is further extended upwardly as at 11 around to provide a thumb part 12 and downwardly substantially parallel with the portions 9 and 11, as at 13, and thence bent substantially at right angles to the portion 13, to thereby provide an arm 14 which is adapted to be normally positioned between the sides 3 and 4 of the loop, as clearly shown. The end of the arm 14 is bent to form a sort of claw 15, which is sharpened to thereby provide means for piercing an advertisement, or other article adapted to be secured thereby. It will be apparent from the drawings, that the shank part 1, the declined part 2, and side 3 of the loop lie substantially in the same plane and that the parts 9, 11 and 13 are twisted at substantially right angles to the shank 1, the bent portions 5 and 8 and the sides of the loops 3 and 4. The side portion 4 of the loop is constructed to lie in a plane substantially parallel with the side 3, to thereby allow the loop to lie flat when contacting with a window pane or wall, and also to cause an advertisement which may be secured in the clip to be suspended in a plane substantially parallel with a window pane or wall. The shank part 1 of the clip device in its preferred construction is formed with a hook part 15, and a loop 16, the hook part being adapted to engage the head or neck part of a vacuum cup and the bend or loop 16 adapted to provide a sort of eye through which a cord or wire may extend.

Obviously the clip may be constructed so as to eliminate the coiled spring portion 10. In fact, the clip has been made in this manner and found satisfactory.

In Figs. 1 and 2, the device is shown with its hook part 15 in engagement with the neck

or head 20 of the vacuum cup 21, which is in turn secured to a window pane 22. Obviously, the distance between the planes of the shank 1 and the loop are substantially
 5 equal to the height of the vacuum cup.

To operate the device, it will be evident that it is only necessary to pull back on the movable thumb part to position it as shown by the dotted lines in Fig. 2, and thence insert
 10 a print 23, magazine, or other article between the loop and arm, and then release the arm to thereby secure the print with the sharpened claw of the arm being adapted to perforate the article.

Having thus described my invention, it is obvious that various immaterial modifications may be made in the same without departing from the spirit of my invention; hence, I do not wish to be understood as limiting myself to the exact form, construction, arrangement and combination of parts herein shown and described or uses mentioned.

What I claim as new and desire to secure by Letters Patent is:

25 1. A clip formed to provide a loop, and with a part folded to engage a side of the loop and thence into a number of turns to provide a movable thumb part and arm part, of which the latter is adapted for movement
 30 in and out of the loop.

2. A clip formed to provide an elongated loop, and with a part folded at right angles to engage and extend beyond a side of the loop and back upon itself, and thence at right
 35 angles into a number of turns to provide a combined movable thumb part and arm part, of which the latter is adapted for movement in and out of the loop.

3. A clip formed to provide an elongated loop, and with a part folded to engage a side of the loop and thence into a number of turns to provide a coiled spring, and a combined
 40 movable thumb part and arm part, of which the latter is adapted for movement in and out of the loop, and said arm part provided with a claw.

4. A clip having a shank securing part which is extended to form an offset loop and thence into a number of turns to provide an
 50 arm adapted for movement in and out of the loop.

5. A clip having a shank formed to provide a hook securing part, said shank angularly extended to form an elongated loop and thence into a number of turns to provide an
 55 arm shorter than the length of the loop adapted for movement in and out of the loop, and said arm provided with a claw to aid in gripping an article.

6. A clip having a shank formed to provide a securing part, said part including a hook with a bend extending therefrom, said shank
 60 extended in another direction to form a loop, and thence into a number of turns to provide

an arm adapted for movement in and out of the loop.

7. A clip having a shank securing part which is extended to form a loop arranged in a plane substantially parallel to the shank
 70 part and thence formed at an angle to provide a part adapted to contact the first formed side of the loop, and further formed into a number of turns to provide an arm adapted for movement in and out of loop.

8. A clip having an angularly shaped shank securing part which is extended to form an elongated loop arranged in a plane substantially parallel to the shank part and thence formed at an angle to provide a closed
 80 loop, and further formed into a number of turns to provide a coiled spring and an arm of which the latter alone is adapted for movement to and from the loop.

9. A clip having a shank securing part which is extended to form a loop arranged in an offset position in a plane substantially parallel to the shank part and thence formed to contact and extend beyond the first formed
 90 side of the loop, and further formed back upon itself and into a number of turns substantially at right angles to the plane of the loop and shank part, and thence into the plane of the loop to provide an arm adapted for movement in and out of loop.

10. A clip having a loop, and a part extended substantially at right angles to one side of the loop to contact and extend beyond the other side thereof, a part folded back on
 100 said first mentioned part and extended at right angles therefrom from the plane formed by the loop to provide a coiled spring, and thence back in parallel position to provide a thumb part having an arm part at right angles thereto adapted for movement between the sides of the loop, and said arm provided with a claw.

11. A clip having a loop, and a part extended substantially at right angles to one side of the loop to contact and extend beyond
 110 the other side of the loop, a part folded back on said first mentioned part, a part extending from the plane formed by the loop and thence back to provide a thumb part having an integral arm part adapted for movement between the sides of the loop, and said arm provided with a claw.

12. A clip having a shank formed to provide a securing part, said part including a hook with a bend extending therefrom, said
 120 shank extended in another direction to form a loop, and thence into a number of turns to provide a thumb part, and an arm part, the latter being adapted for movement in and out of the loop.

13. A clip having a shank formed to provide a securing part, said part including a hook with a bend extending transversely of the plane formed by the hook, said shank
 130 extended in another direction to provide an

offset loop, and thence into a number of turns to provide an arm part adapted for movement relative the loop.

14. A clip having a shank formed to provide a securing part, said part including a hook with a bend extended therefrom, said shank extended in another direction to form a loop, and thence into a number of turns to provide an arm adapted for movement relative the loop.

In witness whereof I hereunto subscribe my name this 19th day of May, A. D. 1930.

EDWIN B. JOHNSON.

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