No. 876,690. PATENTED JAN. 14, 1908.

C. B. CARROLL.

KITE ATTACHMENT.

APPLICATION FILED AUG. 6, 1907.

Fig. 1.

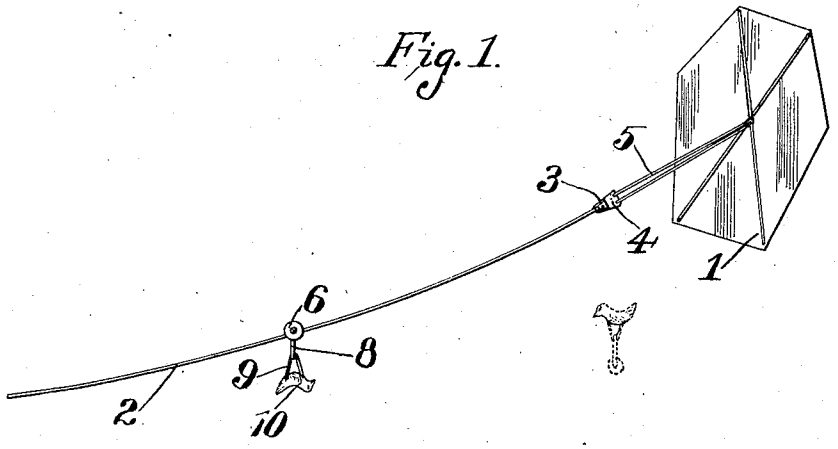
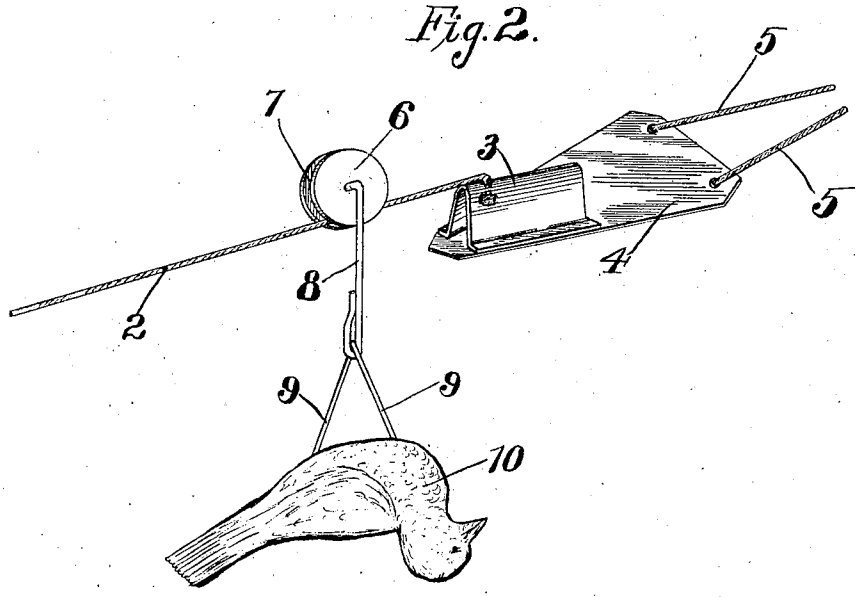


Fig. 2.



Attest:

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KITE ATTACHMENT.

No. 876,690. Specification of Letters Patent. Patented Jan. 14, 1908.

Application filed August 6, 1907. Serial No. 387,347.

To all whom it may concern:

Be it known that I, CHARLES B. CARROLL, a citizen of the United States, and resident of East St. Louis, Illinois, have invented certain new and useful Improvements in Kite Attachments, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to an improved kite attachment, and consists in certain novel features of construction and arrangement of parts which will be hereinafter more fully set forth, pointed out in the claims, and illustrated in the accompanying drawings, in which:—

Figure 1 is a perspective view of a kite having my invention applied thereto; and Fig. 2 is an enlarged perspective view, with parts broken away.

Referring by numerals to the accompanying drawings, 1 indicates a kite of ordinary construction, which is suspended in the air by means of the kite string 2 and the intermediate connection between the upper end of the kite string 2 and the kite 1.

Secured to the upper end of the kite string 2 is a V-shaped plate 3, and secured to said V-shaped plate 3 is a plate 4. Plate 4 is secured to the cords 5, which cords 5 are secured to the kite 1. The apex of the V-shaped plate 3 projects above the plate 4, as shown in the drawings, and one end of the kite string 2 is secured to the apex of the V-shaped plate 3.

6 indicates a roller provided with a circumferential groove 7, and when the roller 6 is mounted on the string 2 the said string fits the groove 7. Pivotally mounted in the roller 6 is a hanger arm 8, secured to the end of which is a wire 9, and to the ends of the wire 9 is secured an artificial bird 10, which is made of any suitable material. In place of an artificial bird, any other artificial animal may be employed, but it is preferable to use the artificial bird to make the amusement more attractive.

The operation of my device is as follows: The parts are assembled as hereinbefore described, and when the kite is suspended the roller 6 is placed on the cord 2, with the bird 10 transversely of the cord, head downwards, as shown in Figs. 1 and 2. The wind pressure against the bird will carry the roller up the string 2 and onto the plate 3. When the roller 6 is passed off the string 2 and off of the end of the V-shaped plate 3, it will become dislocated and fall, and the roller 6 and the arm 8 pivotally secured thereto being heavier than the artificial bird will cause the device to assume a reversed position, as shown in dotted lines in Fig. 1, in which the artificial bird will sail through the air and eventually fall to the ground.

It will be seen from the foregoing description that the device herein described will afford a very novel and fascinating amusement, is cheap, easily constructed, and may be applied to any kite.

Having fully described my invention, what I claim is:

The combination with a kite and its string, of a plate arranged in the string, a lug arranged on the top of the plate and with which the lower portion of the string is connected, a grooved pulley adapted to travel on the string and to be thrown from the string by said lug, a hanger carried by the grooved pulley, and an object suspended from the hanger.

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

CHARLES B. CARROLL.

Witnesses:
M. P. SMITH,
E. L. WALLACE.