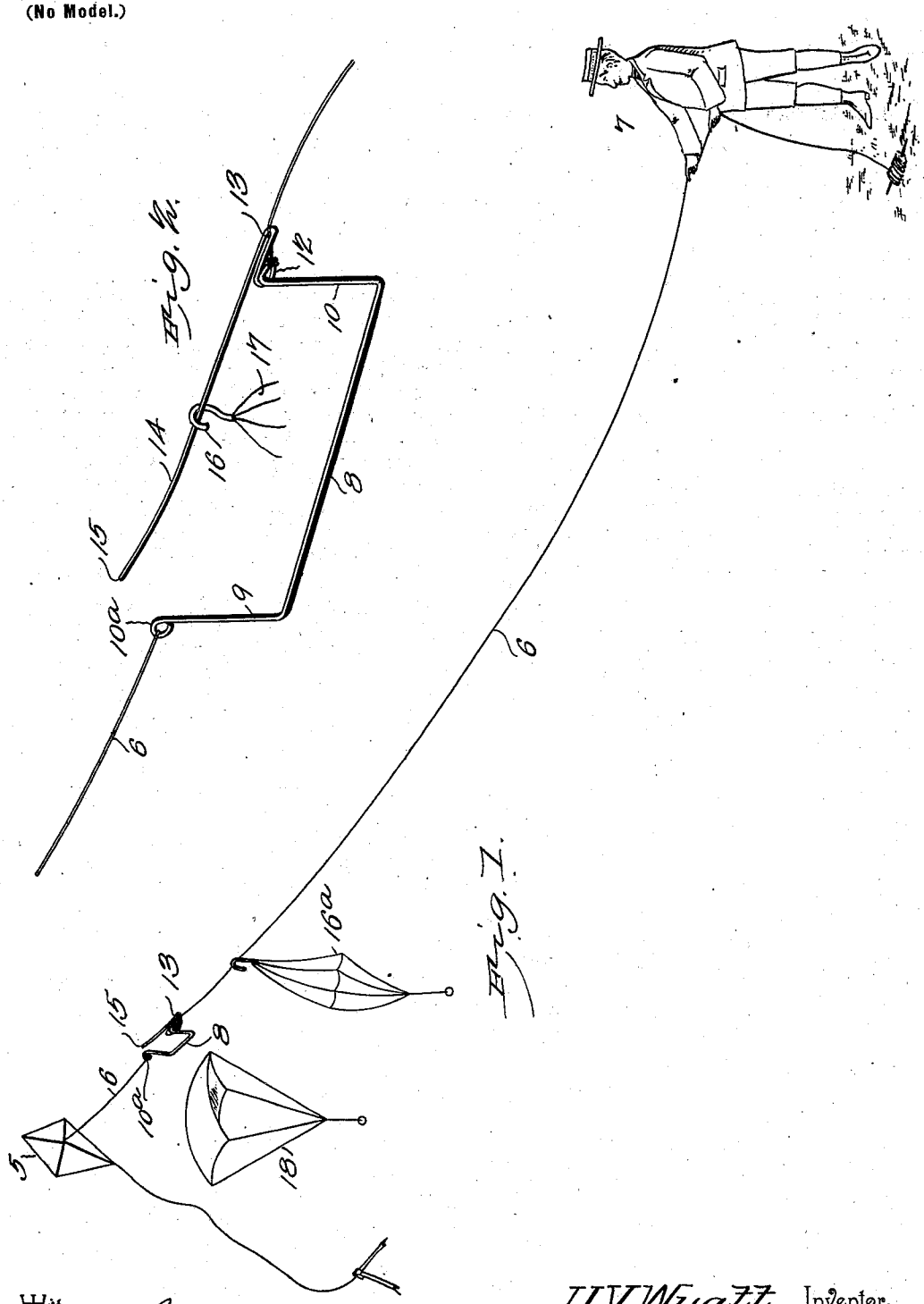
No. 700,281. Patented May 20, 1902.

U. V. WYATT.

PARACHUTE KITE.

(Application filed Mar. 3, 1902.)

(No Model.)



Witnesses
E. C. Stewart
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UNITED STATES PATENT OFFICE.

ULYSSUS V. WYATT, OF MARLOW, INDIAN TERRITORY.

PARACHUTE-KITE.

SPECIFICATION forming part of Letters Patent No. 700,281, dated May 20, 1902.

Application filed March 3, 1902. Serial No. 96,497. (No model.)

To all whom it may concern:

Be it known that I, ULYSSUS V. WYATT, a citizen of the United States, residing at Marlow, Chickasaw Nation, Indian Territory, have invented a new and useful Parachute-Kite, of which the following is a specification.

This invention relates to kites, and has for its object the production of a device to be employed in connection with the kite for the purpose of causing small parachute and other toys to be discharged into the air from points upon the guide-string of the kite; and the invention consists in an attachment adapted to be connected into the guide-string of a kite, which acts as a trip to release any small toys which may be caused to run upon the string and permit them to float away in the air, as hereinafter shown and described, and specifically pointed out in the claims.

In the drawings illustrative of the invention, Figure 1 represents a kite and its guide-string with one of the improved tripping devices connected into the string and with a number of small toy parachutes arranged to show the operation of the device. Fig. 2 is an enlarged view of one of the trip devices detached.

The device is applicable to any form of kite, and for the purpose of illustration I have shown it applied to an ordinary kite, 5 representing the kite, and 6 the guide-string, held by its free end by the operator, (represented at 7.) At some point in the string 6, preferably near the kite, a trip mechanism is connected, consisting in a wire frame or loop formed of a bottom portion 8, having upturned portions 9 10, the end 9 having an eye 10^a to engage the upper section of the string and the end 10 having an eye 12 to engage the lower section of the string, as shown. The three portions 8 9 10 thus form an oblong gap in the line of the string. From the eye 12 the wire is carried rearwardly or away from the kite and bent forwardly again or toward the kite, forming a loop 13, and then continued toward the kite and gradually curved off laterally, as at 14, and terminates at 15 at some distance away from the part 9 and the eye 10^a, the part 14 forming a switch, as hereinafter shown. The lower section of the string 6 is carried from the eye 12 upwardly and rearwardly and is supported in the loop 13 to provide an unobstructed surface for the upper side of the string, so that it will freely conduct any article which may be placed upon the string over the end of the loop 13 and upon the switch-arm 14, as hereinafter shown. When thus constructed and arranged, the attachment may be employed for the purpose of releasing toys of various kinds from the kite-string and causing them to float off through the air. For instance, small toy parachutes or small supplemental floating kites or balloons and other toys of various kinds adapted to be supported in the air may be provided with small wire hooks and permitted to be carried by the wind upward on the string 6 until they reach the switch-arm 14, when they will be guided outward on this arm and off from its laterally-curving end 15, and thus be released from the string. For illustration, several of these small parachutes are shown each with a wire hook 16 adapted to engage the string on the upper side only.

At 16^a one of the parachutes is shown just starting on its aerial trip, at 17 one is shown with its hook 16 upon the switch-arm 14, and at 18 one is shown freed from connection with the kite and floating off through the air, to illustrate the various positions they will assume.

This will make a very simple little device which may be employed in various ways and will afford amusement and instruction to children at a very slight expense.

Having thus described my invention, I claim—

1. As a new article of manufacture, an attachment for a kite-string consisting of a wire loop adapted to be connected into the string and having a laterally-extended switch-arm disposed to cause articles carried upon said string to be automatically released therefrom, substantially as described.

2. In an attachment for kite-strings, a wire loop having means for connection into the path of the string and with a rearwardly-extending loop-bend disposed to support the string, a switch-arm extending forwardly and forming a continuation of said loop-bend and projecting laterally from said loop, whereby the string is supported, and means provided for guiding articles from said string upon said switch-arm, substantially as described.

3. In an attachment for the kite, a wire loop adapted to be connected into the string and having a laterally-extended switch-bar, a toy having an open hook disposed to engage the kite-string and adapted to be conducted upon said switch-bar and be discharged therefrom, substantially as described.

4. In an attachment for kite-strings, a wire loop having means for connection into the path of the string, a rearwardly-extending loop-bend disposed to support the string, a switch-arm extended forwardly of said loop-bend and forming a continuation thereof and projected laterally from said loop, and toys having hooks disposed to engage said string, and adapted to be conducted upon and discharged from said switch-bar, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ULYSSUS V. WYATT.

Witnesses:
W. B. ANTHONY,
J. B. RANDLE.