

May 10, 1949.

T. L. BASKIN, JR

2,469,449

ARTICLE CARRIER FOR KITE STRINGS

Filed March 7, 1947

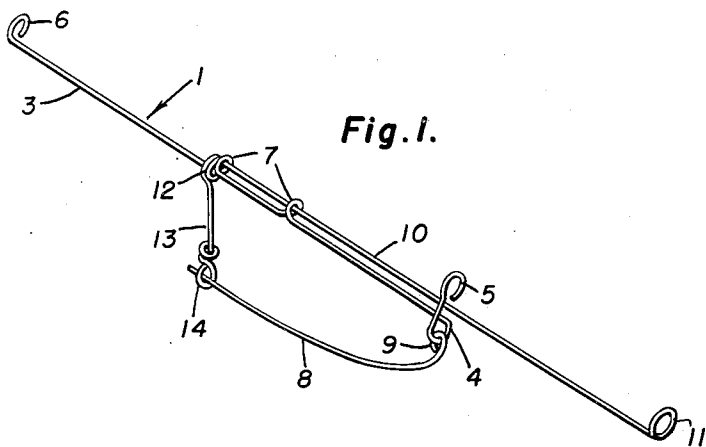


Fig. 1.

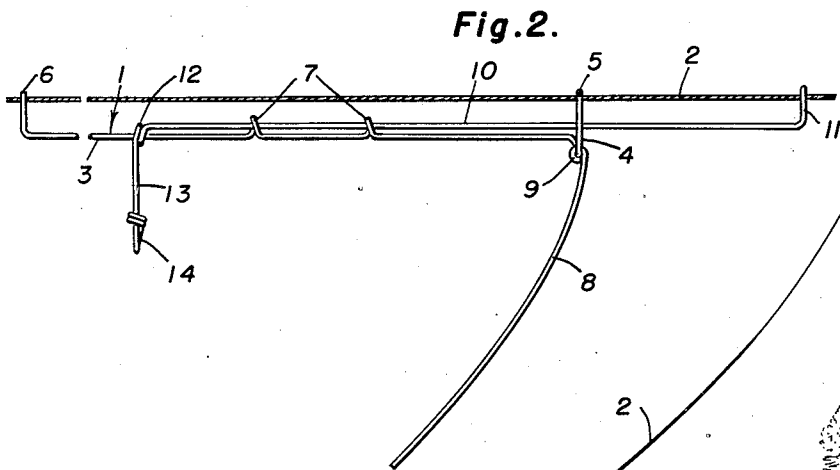


Fig. 2.

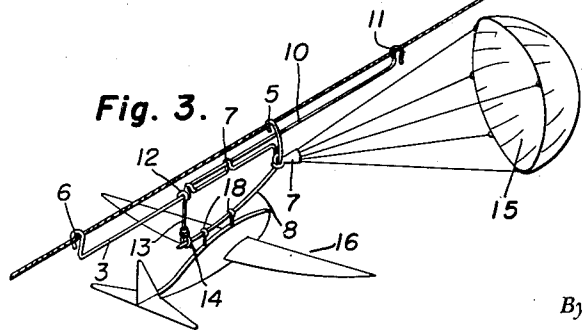
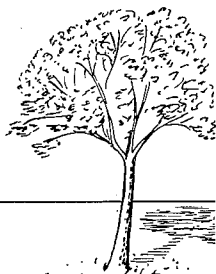


Fig. 3.



Inventor

Thurman L. Baskin, Jr.

By

Clarence A. O'Brien
and Harvey B. Jacobson
Attorneys

UNITED STATES PATENT OFFICE

2,469,449

ARTICLE CARRIER FOR KITE STRINGS

Thurman L. Baskin, Jr., Zion, Ill.

Application March 7, 1947, Serial No. 733,164

2 Claims. (Cl. 244-155)

1

My invention relates to improvements in article carriers for kite strings, the primary object in view being to provide a simply constructed, inexpensive device for carrying toy parachutes and/or toy aeroplanes, up a kite string by the action of wind against the toys, and which embodies article releasing means which will not jam or otherwise get out of order and is operative by a slight impact against an abutment in the line of the kite string to free the articles for descent in the air.

To the accomplishment of the above, and subordinate objects presently appearing, a preferred embodiment of my invention has been illustrated in the accompanying drawing, set forth in detail in the succeeding description, and defined in the claims appended hereto.

In said drawing—

Figure 1 is a view in perspective of my improved article carrier in the preferred embodiment thereof;

Figure 2 is a view in side elevation illustrating the article carrier applied to a kite string and the drop rod released;

Figure 3 is a view in perspective illustrating the application of the article carrier to a kite string with the article carrier loaded with a parachute and aeroplane.

Referring to the drawing by numerals, my improved article carrier, as shown, comprises a carriage frame 1 adapted to be suspended from the kite string 2 and having the form of a wire rod 3 bent upon itself to form a laterally-turned, front-end, U-loop 4 adapted to depend below said rod 3 and from one leg of which arises, above the rod 3, a laterally-turned front-end suspension hook 5 adapted to be hooked over the kite string 2. At the rear end thereof, said rod 3 is bent to form another, laterally-turned, suspension hook 6 arising above the rod and adapted to also be hooked over the kite string 2. A pair of guide eyes 7 arise from the rod 3 crosswise thereof intermediate the ends of said rod and the transverse center of the same, respectively, said eyes being bent from said rod.

A relatively shorter, bowed, drop rod 8 is pivoted to the U-loop 4 by a front-end eye 9 bent thereon and to swing vertically on said U-loop 4 forwardly and rearwardly of the carriage frame 1.

A trip rod 10 is slidably extended through the pair of guide eyes 7 to extend parallel with the carriage frame 1 forwardly of the same and between the front end suspension hook 5 and the U-loop 4. A front-end, laterally-turned abutment hook 11 is bent on the trip rod 10, and a

2

rear-end stop eye 12 slidable on said rod 3 in the rear of the rearmost guide eye 7 and from which a rear-end leg 13 of the trip rod 10 depends with a terminal eye 14 bent thereon for receiving the rear end of the drop rod 8 therein when the trip rod 10 is slid forwardly until the stop eye 12 abuts the rear-most guide eye 7.

As shown in Figure 3, the described article carrier is adapted to be suspended on the kite string 2 by means of the suspension hooks 5, 6, with the abutment hook 11 straddling said string forwardly of the carriage frame 1. When so suspended, articles such as a toy parachute 15 and a toy aeroplane 16 may be attached to the drop rod 3 by such attaching devices thereon as an eye 17 and eye screws 18. With the parachute 15 and aeroplane 16 thus attached to the drop rod 8, said rod may then be swung upwardly and rearwardly of the carriage frame 1 and the trip rod 10 then slid forwardly to insert the rear end of the drop rod 8 in the eye 14, whereby said drop rod 8 is latched in upswung position to suspend the parachute 15 and aeroplane 16 thereon and thus load the article carrier. The latching position of the trip rod 10 is established by engagement of the guide eye 12 with the rear-most guide eye 7. When the article carrier is loaded, as described, the wind acting against the parachute 15 and the aeroplane 16 will cause said carrier to slide up the kite string 2 until the abutment hook 11 on the trip rod 10 encounters an obstruction such as the belly string 19 of the kite 20, whereupon, the trip rod 10 will be stopped from further progress up the kite string 2 and the carriage frame 1 permitted further relative sliding movement on said kite string. Such further movement of the carriage frame 1 will result in tripping the drop rod 8 by pulling the rear end of said drop rod out of the eye 14. When the drop rod 8 has thus been tripped, the same will be released to swing downwardly, as shown in Figure 2, to permit the parachute 15 and aeroplane 16 to slide off the same and descend in the air. The article carrier will, when thus unloaded, slide back down the kite string 2, under the influence of gravity, for reloading when desired.

The foregoing will, it is believed, suffice to impart a clear understanding of my invention, without further explanation.

Manifestly, the invention, as described, is susceptible of modification without departing from the inventive concept, and right is herein reserved to such modifications as fall within the scope of the appended claims.

What I claim is:

1. An article carrier for use on a kite string to be slid up the string by wind acting against the article, said carrier comprising a rod-like carriage frame having a pair of front and rear end suspension hooks thereon adapted to slidably engage said string said frame having a pair of guide eyes formed thereon intermediate said hooks, a drop rod pivoted at one end to said frame to swing upwardly and downwardly thereon and adapted for the attachment of the article thereto to slide off the rod when the same swings downwardly, and a member on said frame for engaging and latching said rod in upswung position, said member being slidable in said guide eyes to engage and latch said rod and adapted for engagement with an abutment in the line of said string by sliding of said frame upwardly on the string, said frame being slidable relative to said member to cause the member to disengage and unlatch said rod.

2. An article carrier for use on a kite string to be slid up the string by wind acting against the article, said carrier comprising a rod-like carriage frame having a pair of front and rear end suspension hooks thereon adapted to slidably engage said string said frame having a pair of guide eyes formed thereon intermediate said hooks and a lateral bend on one hook, a drop rod pivoted at one end on said lateral bend to swing

upwardly and downwardly thereon and adapted for the attachment of the article thereto to slide off the rod when the same swings downwardly, and a member on said frame for engaging and latching said rod in upswung position, said member being slidable in said guide eyes to engage and latch said rod and adapted for engagement with an abutment in the line of said string by sliding of said frame upwardly on the string, said frame being slidable relative to said member to cause the member to disengage and unlatch said rod, said member having a front end abutment hook in advance of said frame adapted to slidably engage the string to engage the abutment on the string.

THURMAN L. BASKIN, JR.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,202,595	Shepard	Oct. 24, 1916

FOREIGN PATENTS

Number	Country	Date
8,476	Great Britain	1892
19,173	Great Britain	1902