

Dec. 14, 1965

W. ROSENZWEIG
METHOD OF MAKING AN ADJUSTABLE LOOP
BOW AND RESULTANT PRODUCT

3,223,440

Filed April 1, 1963

3 Sheets-Sheet 1

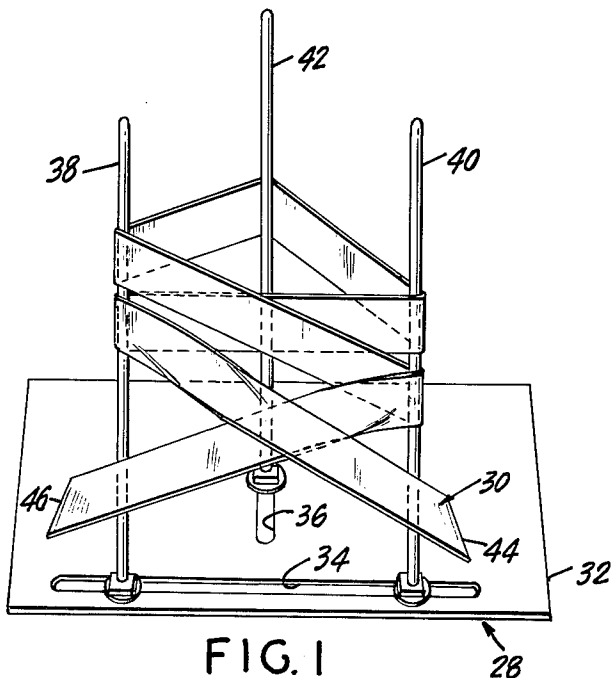


FIG. 1

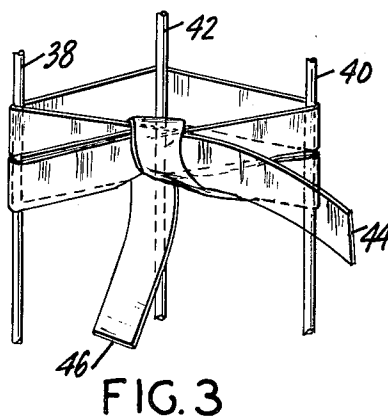


FIG. 3

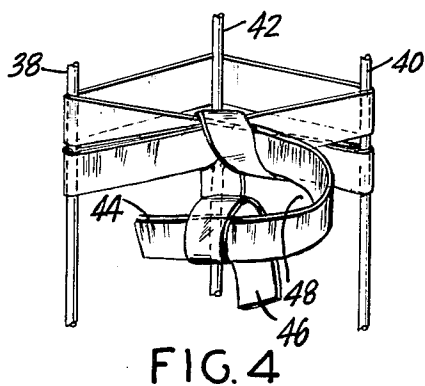


FIG. 4

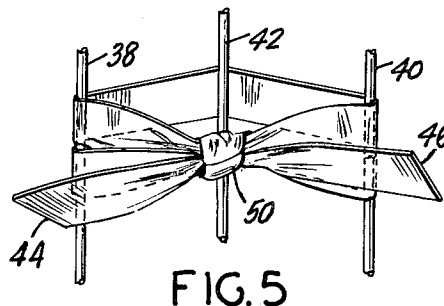


FIG. 5

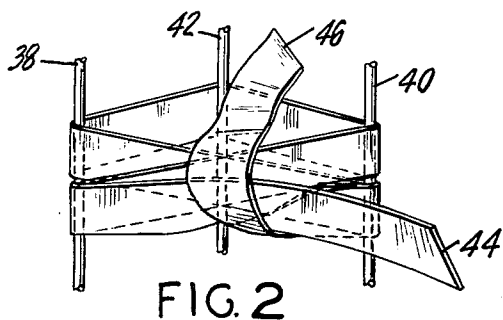


FIG. 2

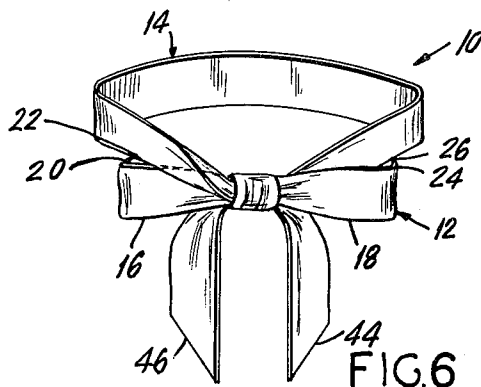


FIG. 6

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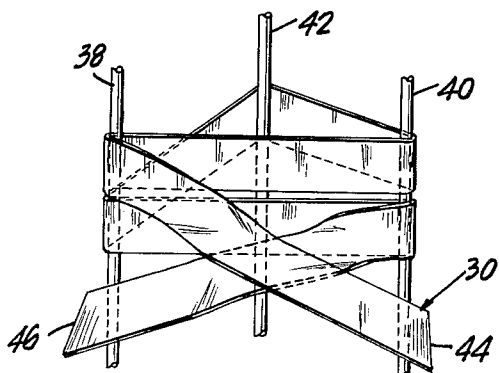


FIG. 7

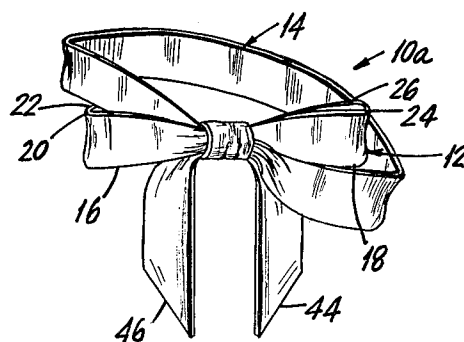


FIG. 8

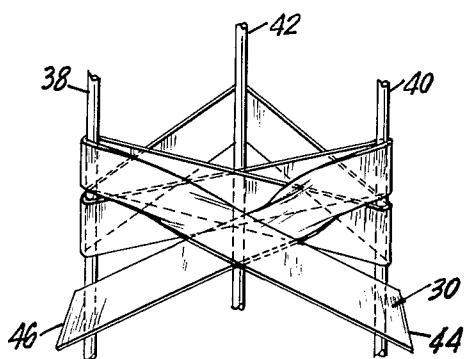


FIG. 9

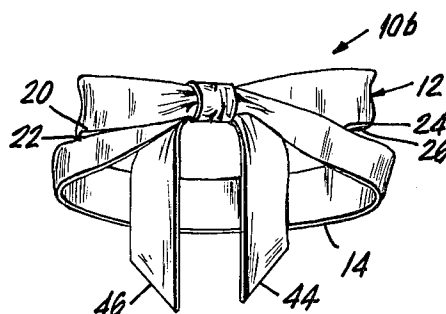


FIG. 10

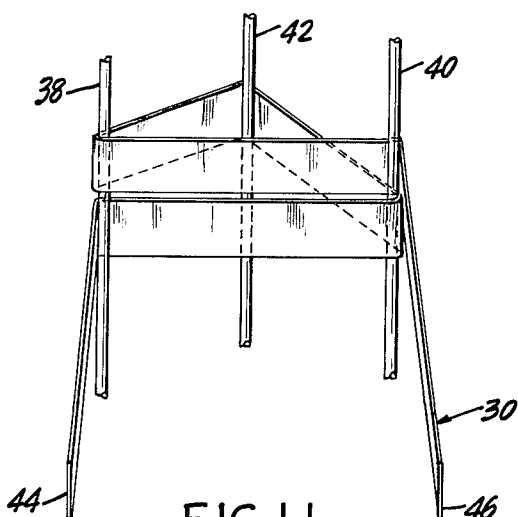


FIG. 11

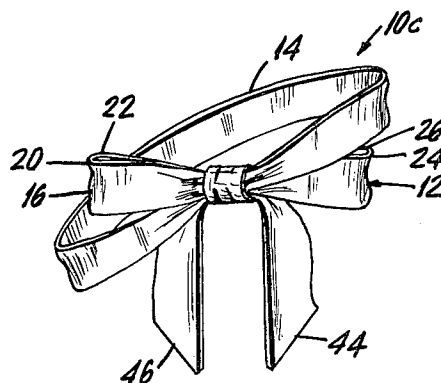


FIG. 12

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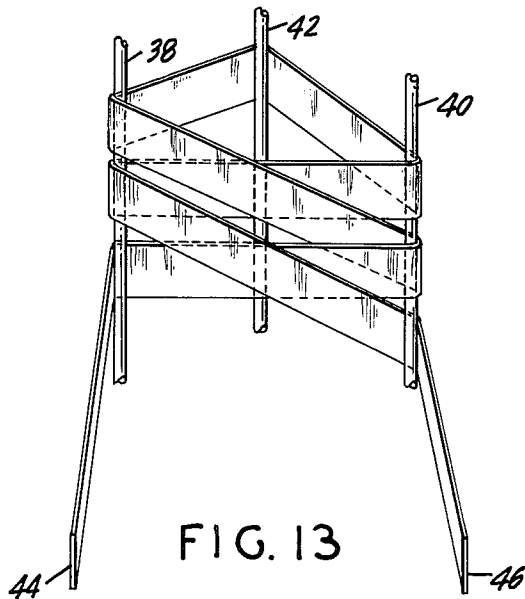


FIG. 13

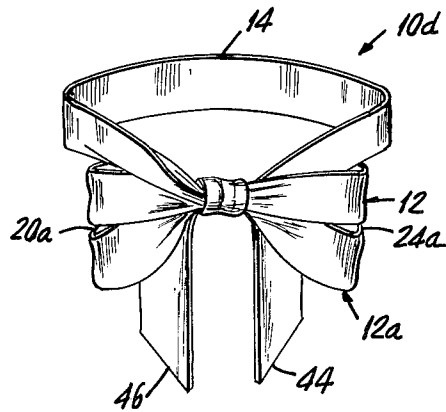


FIG. 14

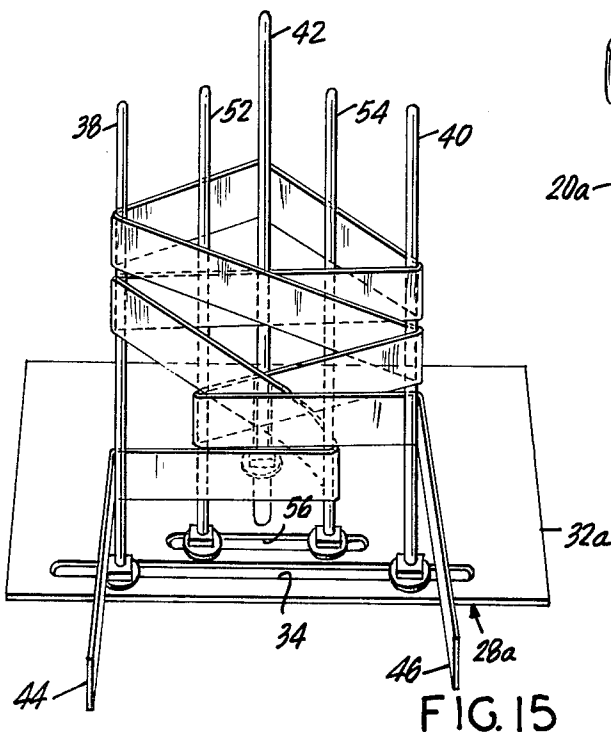


FIG. 15

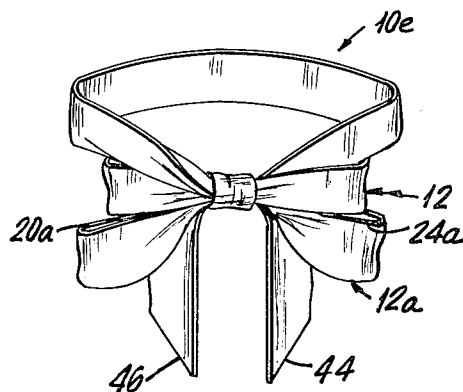


FIG. 16

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METHOD OF MAKING AN ADJUSTABLE LOOP BOW AND RESULTANT PRODUCT

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9 Claims. (Cl. 289-1.2)

This invention relates to bows and, more particularly, to an adjustable loop bow which includes a front part, in the form of a bow, and a rear part in the form of an adjustable loop, and to a method of tying a strip of ribbon to form an adjustable bow loop, and also, to a device for use in connection with the tying of the ribbon.

An object of the invention is to provide an adjustable bow loop from a single strip of ribbon and which includes a front bow part and a rear adjustable loop.

Another object is to provide a method of tying the ribbon to form the adjustable bow loop.

A further object is to provide a device especially useful for looping and tying the ribbon to form the adjustable bow loop.

Another object is generally to provide an improved bow and an improved method and device for forming the bow.

The above and other objects, features and advantages of the invention will be more fully understood from the following description of the invention in connection with the accompanying illustrative drawing of embodiments of the invention, in which:

FIG. 1 is a perspective view illustrating the initial steps in tying the ribbon in accordance with the invention;

FIG. 2 illustrates a second step;

FIG. 3 illustrates a third step;

FIG. 4 illustrates a fourth step;

FIG. 5 illustrates a fifth step;

FIG. 6 is a perspective view of a completed adjustable loop bow made in accordance with the method of FIGS. 1 to 6;

FIG. 7 is a perspective view illustrating the initial steps in tying the ribbon in accordance with a modification;

FIG. 8 is a perspective view of a completed adjustable loop bow made according to the method illustrated by FIG. 7;

FIG. 9 is a perspective view illustrating the initial steps in tying the ribbon in accordance with another modification;

FIG. 10 is a perspective view of a completed adjustable loop bow made according to the method illustrated by FIG. 9;

FIG. 11 is a perspective view illustrating the initial steps in tying the ribbon in accordance with still another modification;

FIG. 12 is a perspective view of a completed adjustable loop bow made in accordance with the method illustrated by FIG. 11;

FIG. 13 is a perspective view illustrating the initial steps in tying the ribbon in accordance with a further modification;

FIG. 14 is a perspective view of a completed adjustable loop bow made in accordance with the method illustrated by FIG. 13;

FIG. 15 is a perspective view illustrating the initial steps in tying the ribbon in accordance with still a further modification; and

FIG. 16 is a perspective view of a completed adjustable loop bow made according to the method illustrated by FIG. 15.

Referring now to the drawing in detail and first to FIGS. 1 to 6, the adjustable loop bow 10 has a front part formed by a bow 12 and a rear part formed by an adjustable loop 14 which extends rearwardly from the bow.

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The loops 16 and 18 of the bow are provided with the usual front and rear sides 20 and 22, in the case of loop 16, and front and rear sides 24 and 26 in the case of loop 18. Adjustable loop bow 10 has been tied in a manner which will be explained more in detail hereinafter, so that the size of loop 14 can be made smaller by merely pulling on front sides 20 and 24 of the bow 12. The loop is tightened in its adjusted position by merely pulling on rear sides 22 and 26 of the bow.

The loop bow 10 is especially useful in providing a decorative ribbon bow around articles which have enlarged head or top parts and narrower body or neck parts. For securing the loop bow 10 to such articles, loop 14 of the bow is moved downwardly over the enlarged top and thereafter reduced in size by pulling on the front parts of the bow 12 so that the loop snugly engages the smaller sized body or neck portion of the article. The loop is tightened in its reduced size by merely pulling the rear parts of the bow 12 wherein the bow is snugly secured to the article by loop 14. The manner in which the loop bow 10 is tied will now be described in detail with respect to FIGS. 1 to 5.

A ribbon tying device 28 is used for tying the length of ribbon 30 into the adjustable loop bow 10 illustrated by FIG. 6. The device comprises a plate 32 having a transversely extending slot 34 and another slot 36 which extends longitudinally of the plate and transversely of slot 34. A pair of pins 38 and 40 extend upwardly from the plate and their lower parts extend through slot 34 and are adjustably secured to the plate for movement toward or away from each other along the slot. Another pin 42 extends upwardly from the plate and its lower part extends through slot 36 and is adjustably secured to the plate for movement in the slot toward or away from the other pin. Pin 42 is positioned rearwardly of the other pins and therebetween, and the pins are parallel to each other.

The ribbon 30 is looped around the pins by holding end 46 of the ribbon and looping the ribbon in front of and then behind pin 40, over to pin 38, in front of and then behind pin 38, over to and behind pin 42, over to and behind pin 40, above the part of the ribbon already looped around pin 40, then in front of pin 40, over to and behind pin 38 and then in front of pin 38. End 44 of the ribbon is crossed over end 46 and, as illustrated by FIG. 2, end 46 is brought up and in front of the parts of the ribbon which extend between pins 38 and 40. End 46 is then brought down, behind said parts, as illustrated by FIG. 3 and end 44 is formed into a loop 48, as illustrated by FIG. 4. End 46 is then moved up through the loop and the ends 44 and 46 are then simultaneously pulled to form knot 50 illustrated by FIG. 5. At this time, the ends can be moved into any position desired and for illustrative purposes have been turned down. The ribbon is then removed from the pins and loop 14 is turned inside out to form the adjustable loop bow 10 illustrated by FIG. 6. In the event that the ribbon is of the type which has one finished side only, the parts of the ribbon which are to form loop 48 can be twisted 180° immediately prior to the formation of the loop so that the finished side of the ribbon is what is seen when viewing the ribbon as illustrated by FIG. 6.

It is to be noted with respect to FIG. 6, that the loop 14 extends upwardly and rearwardly from loop 18 of the bow, between the sides 24 and 26 thereof, and also extends upwardly and rearwardly at the left side of bow 12, from the front of loop 16.

The bow can be also tied in the manner illustrated by FIGS. 7, 9 and 11 to provide slightly different forms of the loop bow 10a, 10b and 10c, respectively, as illustrated by FIGS. 8, 10 and 12, respectively. However, in all

forms of the loop bow, the size of loop 14 is adjusted by manipulating bow 12 in the manner hereinafter described.

Loop bow 10a is formed by holding end 46 of ribbon 30 and looping the ribbon upwardly in front of and behind pin 40, then across to pin 38, in front of and behind pin 38, over to and behind pin 42, over to and behind pin 40, above the part of the ribbon already looped around pin 40, in front of pin 40 and across to and behind pin 38, and in front of pin 38, above the part of the ribbon already looped around pin 38. The end 44 of the ribbon is then crossed over end 46 and the ribbon is then tied in the manner already described to form loop bow 10a. It is to be noted with respect to loop bow 10a that loop 14 extends downwardly and rearwardly from the front of the right side of bow 12, and also extends rearwardly and upwardly from the left side of the bow, between sides 20 and 22 of loop 16.

Loop bow 10b is formed by holding end 46 of ribbon 30 and looping the ribbon upwardly across to and in front of pin 40, behind pin 40, downwardly and across to and in front of pin 38, behind pin 38 and over to and behind pin 42, over to and down behind pin 40, below the part of the ribbon already looped around pin 40, in front of pin 40 and up, over to and behind pin 38, above the part of the ribbon already looped around pin 38, in front of pin 38 and then down, crossing over end 46. The ends 44 and 46 are then tied in the manner previously described to form the loop bow 10b. It is to be noted that the adjustable loop 14 of loop bow 10b extends downwardly and rearwardly, in front of the right side of bow 12, and the adjustable loop extends downwardly and rearwardly from the left side of bow 12, between sides 20 and 22 of loop 16.

Loop bow 10c is formed by holding end 46 of ribbon 30 and looping the ribbon upwardly behind pin 40, across to and in front of pin 38, behind pin 38 and over to and behind pin 42, down over to and behind and in front of pin 40, below the part of the ribbon already looped around pin 40, across to and behind pin 38 below the part of the ribbon already looped around pin 38, and then in front of the pin with end 44 crossed over end 46. The ends are tied in the manner previously described to form loop bow 10c which, it is to be observed, has its adjustable loop 14 extending upwardly and rearwardly from the front of the right side of bow 12, and also extending downwardly and rearwardly from the left side of bow 12, between sides 20 and 22 of loop 16.

It is to be understood that loop bows 10a, 10b and 10c, closely resemble in appearance loop bow 10 illustrated by FIG. 10, and have been shown in an exaggerated condition in FIGS. 8, 10 and 12, respectively, for clarity.

Referring now to the remaining figures of the drawings, namely FIGS. 13 to 16, it is to be observed that the adjustable loop bows 10d and 10e, respectively, of FIGS. 14 and 16 are similar to the loop bow 10 of FIG. 6, and the other loop bows of the drawing, except that an additional bow 12a has been provided; and that with respect to bow loops 10d and 10e, bow 12a is smaller than bow 12 in the case of loop bow 10e, while in the case of loop bow 10d, bows 12 and 12a are the same in size. In both forms of the invention, loop 14 is adjusted in size by pulling on the front parts of bow 12, as previously described, and the loop bow is tightened in the adjusted position of loop 14, by pulling on the rear parts 20a and 24a of bow 12a. With respect to loop bow 10d, adjustment of loop 14 by making it smaller in size, results in enlarging the size of bow 12 so that in the adjusted size position of loop 14, bow 12 is larger than bow 12a.

If a difference in size between the bows 12 and 12a is not desired, then the loop bow 10e can be formed wherein bow 12 is made smaller initially than bow 12a so that in the adjusted position of the loop 14, the bows 12 and 12a are the same size. Obviously, the amount of increase in the size of bow 12 is equal to the amount of decrease in the size of loop 14 so it is easy to determine the relative

sizes of the bows initially so that after adjustment, they are the same.

Loop bow 10d can be easily tied on device 28 by tying the ribbon in the manner illustrated by any one of FIGS. 1, 7, 9 or 11 and, before crossing ends 44 and 46, looping them again around pins 38 and 40, as illustrated by FIG. 13, which shows the positions of the parts of the ribbon following the method illustrated by FIG. 1. A loop bow with any number of bows can be formed by looping the ends 44 and 46 around the pins before crossing them and tying them with either device 28 or 28a.

To tie the loop bow 10e of FIG. 16, device 28a has been provided, which is similar to device 28, but has been modified to provide another pair of pins 52 and 54 which are mounted in a slot 56 provided in plate 32a so that the pins can be moved closer to each other than pins 38 and 40 to form the smaller loop 12. The pins are mounted in the exact same manner as previously described with respect to the other pins and slot 56 is parallel to slot 34 and is spaced behind the latter. Obviously, slot 56 can be eliminated and the pins 52 and 54 mounted in slot 34. Device 28a is convenient when it is desired to produce a loop bow having three or more bows in that the additional pins 52 and 54 provide more room to manipulate the ribbon, and will produce smaller bows initially. As set up in FIG. 15, for the sake of clarity, the ends 44 and 46 have been looped around pins 38 and 40. When tying bow 10e, the ends 44 and 46 are tied immediately after coming off pins 54 and 52 respectively.

Loop 12 is formed by looping the ribbon around pins 52 and 54, as illustrated by FIG. 15, and thereafter around pins 38 and 40, and the ends are tied as previously described. The method illustrated by FIG. 15 is similar to that shown by FIG. 1 with the addition of the other pair of pins 52 and 54 and, it will be understood that the methods illustrated by FIGS. 7, 9 and 11 may be used also. Obviously, the distance between pins 52 and 54 is such in relation to the distance between pins 38 and 40 and the position of pin 42 in relation to pins 38 and 40 to form a loop 14 and bows 12 and 12a of such sizes that after adjustment of loop 14, bows 12 and 12a are the same size.

While I have described embodiments of the invention, it is to be understood that the invention may be embodied in different forms other than what has been illustrated or described herein within the principles and ideas of the invention and within the scope of the appended claims.

What is claimed is:

1. A method of tying a length of flexible material to form an adjustable loop bow, said method comprising looping said material so that one part thereof passes over a pin in contact therewith, and passing at least two other parts of said material over and in contact with one of a pair of laterally spaced pins and passing at least still another two parts of said material over and in contact with another one of said pair of pins, crossing the ends of said material over each other and bringing one end of said material over, behind and down the parts of said material extending between said pair of pins, forming a loop in one of said ends of the material, passing the other end of said material through said formed loop to form a knot, and pulling said ends of said material to tighten said knot.

2. An adjustable loop bow made according to the method of claim 1.

3. A bow device made of a single length of flexible material and comprising a neck loop to encircle a holder for said device, a knotted portion at the front of the neck loop, a pair of bow loops projecting to opposite sides of said knotted portion, each bow loop having a first portion slidably passing through the knotted portion to the neck loop and a second portion extending to said knotted portion, and free end portions extending from said knotted portion, whereby pulling the first portions of the bow loops outwardly will decrease the length of the neck loop and increase the lengths of the bow loops, and pulling the

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ends of the neck loop outwardly will increase the length of the neck loop and decrease the lengths of the bow loops.

4. The combination of claim 3, and said free end portions being non-slidably knotted at said knotted portion.

5. The combination of claim 4, said second portions of said bow loops being non-slidably knotted at said knotted portion.

6. The combination of claim 3, and a second pair of bow loops extending from said knotted portion and disposed between said first pair of bow loops and said free ends.

7. The combination of claim 6, said second pair of bow loops being connected to said first pair of bow loops by portions slidably extending through said knotted portion.

8. The combination of claim 7, said free ends being non-slidably knotted at said knotted portion.

9. The combination of claim 3, and a second pair of bow loops having first and second portions, the first portions of said second pair of bow loops being a continua-

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tion of the second portions of said first pair of bow loops and slidably extending through said knotted portion, said second portions of said second pair of bow loops forming continuations of said free ends and being non-slidably knotted at said knotted portion.

References Cited by the Examiner

UNITED STATES PATENTS

1,010,155	11/1911	Lange	223—46
1,598,310	8/1926	Quinlan	223—46 XR
2,103,404	12/1937	Bolyard	161—9
2,528,622	11/1950	Teemsma	223—46
2,584,254	2/1952	Brodbeck	41—10
2,774,164	12/1956	James	41—10
3,044,670	7/1962	Barefoot	223—46

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