April 15, 1952 E. B. WAMPLER 2,592,771

TOWING HARNESS

Filed May 18, 1951

Fig. 1

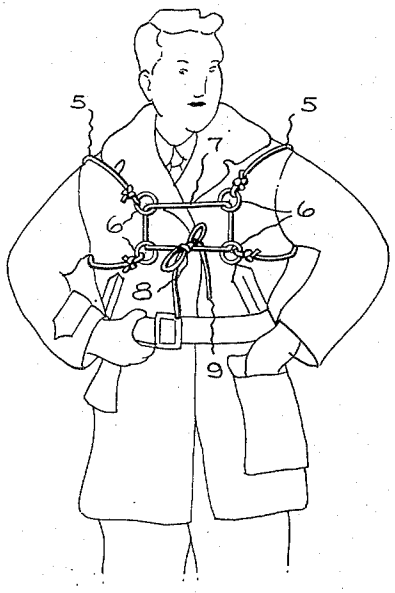


Fig. 2

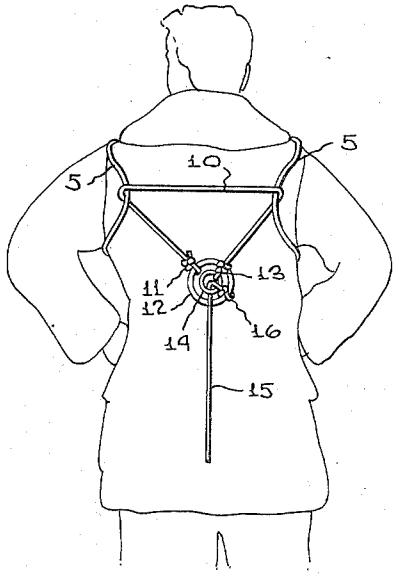
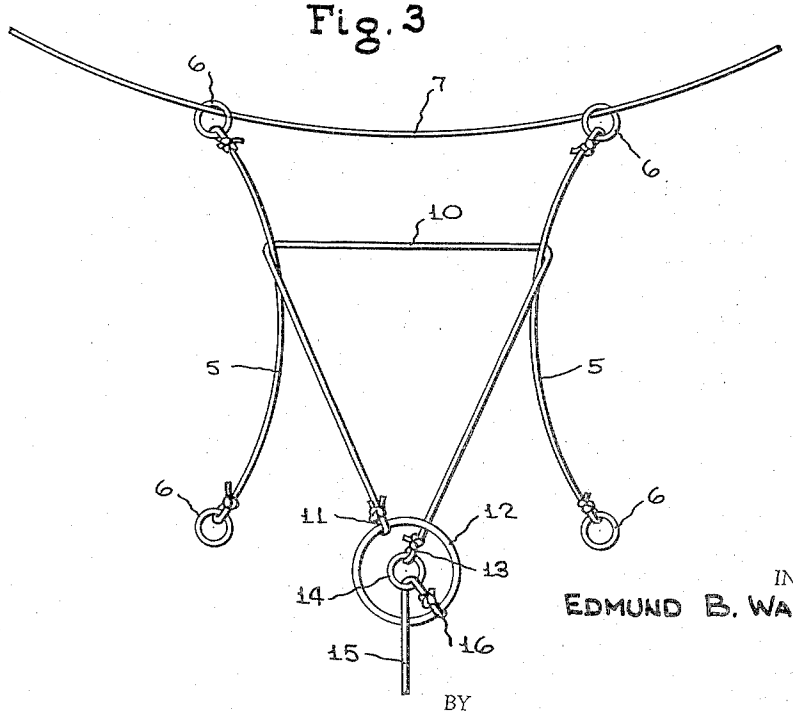


Fig. 3



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TOWING HARNESS

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2 Claims. (Cl. 224—5)

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This invention relates to a towing harness, particularly for use by hunters in towing large game over the ground, the primary object of the invention being to provide an efficient and comfortable harness of this character which leaves the arms and hands of the hunter free for carrying a gun and other useful and needful tasks in negotiating rough or wooded terrain, while facilitating the dragging of heavy and large game over such terrain.

Another important object of the invention is the provision of a simply constructed harness of the character indicated above which is composed of a minimum number of readily available parts, and which can be provided in a serviceable and attractive form at relatively low cost.

A further object of the invention is the provision of a rope harness of the above-indicated character which involves a safety bow knot located at the front of the harness which is quickly and easily loosened by the hunter in an emergency to release the load being towed, so as to avoid injury and strain upon the hunter and/or the load.

Other important objects and advantageous features of the invention will be apparent from the following description and the accompanying drawings, wherein, for purposes of illustration only, a specific embodiment of the invention is set forth in detail.

In the drawings, wherein like numerals designate like parts throughout the several views:

Figure 1 is a front elevational view showing the harness secured on the person of a hunter;

Figure 2 is a rear elevation thereof; and

Figure 3 is an enlarged schematic view of the harness.

Referring in detail to the drawings, the illustrated harness comprises two similar shoulder cords 5 having metal rings 6 on their opposite ends, the cords 5 being positioned forwardly around the shoulders of the wearer with the ends thereof above and below the arms, the rings 6 being vertically spaced on the front of the chest, whereby the rings 6 are at the four corners of an imaginary rectangle on the chest of the wearer. With the shoulder cords 5 installed as described, a tying cord 7 is passed through the upper rings and the ends thereof then brought downwardly and passed inwardly through the lower rings 6 and tied together in a bow knot 8. As a result of this assembly, pulling on either of the loose ends 9 of the tying cord 7 beyond the knot 8 will loosen the knot and permit the harness to fall off, whenever desired.

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A towing hitch cord 10 is passed horizontally between the shoulder cords 5 and between them and back of the wearer. One depending end of the hitch cord 10 is tied by a loop knot 11 which is freely circumposed on a much larger metal main ring 12. The other depending end of the hitch cord 10 has a loop knot 13 which is freely circumposed on a minor large metal ring 14 which is substantially smaller than the main ring 12.

A towing cord 15 having one end (not shown) for connection with the game load to be towed has a loop knot 16 on its opposite or forward end, the tow cord 15 being passed rearwardly through the minor ring 14 with its knot 16 freely circumposed on the main ring 12. As a result of the foregoing, the pull exerted by the load on the towing cord 15 is automatically centered around the main ring 12 as a center and the pull of the hitch cord 10 on the shoulder cords 5 is equalized and balanced.

Because of the rectangular form assumed by the tying cord 7 on the chest of the wearer, the pressure of the shoulder cords 5 is equalized and centered on the chest of the wearer. Further, the bow knotting of the tying cord 7 permits of adjustment of the snugness of the harness to accommodate different sized wearers and conditions of light or heavy clothes.

The different cords are preferably made of nylon for strength and for frictionless engagement with the rings; and the rings are preferably made of stainless steel for strength, rust resistance, and frictionless and non-wearing engagement between the cords and the various rings.

What is claimed is:

1. In a towing harness, a pair of shoulder cords having intermediate portions adapted to be engaged with the backs of the shoulders of the wearer, said shoulder cords having ends adapted to be brought forwardly above and below the arms of the wearer and inwardly over the chest of the wearer, said ends having shoulder cord rings thereon, a tying cord passed through all of said shoulder cord rings and forming a rectangle on the chest of the wearer, a hitch cord extending between and forwardly around said intermediate portions of the shoulder straps, said hitch cord having ends occupying dependent positions and having knots thereon, a main large ring on which one of said hitch cord knots is circumposed, a minor ring on which the other hitch cord knot is freely circumposed, a towing cord having a forward end passed through said

minor ring and terminating in a tow cord knot freely circumposed on said main ring.

2. In a towing harness, a pair of shoulder cords having intermediate portions adapted to be engaged with the backs of the shoulders of the wearer, said shoulder cords having ends adapted to be brought forwardly above and below the arms of the wearer and inwardly over the chest of the wearer, said ends having shoulder cord rings thereon, a tying cord passed through all of said shoulder cord rings and forming a rectangle on the chest of the wearer, a hitch cord extending between and forwardly around said intermediate portions of the shoulder straps, said hitch cord having ends occupying dependent positions and having hitch cord knots thereon, a main large ring on which one of said hitch cord knots is circumposed, a minor ring on which the other hitch cord knot is freely circumposed, a towing cord having a forward end passed through said minor ring and terminating in a tow cord knot freely circumposed on said main ring, said tying cord having ends, said ends being adjustably and separably secured together in a bow knot adapted to be loosened to free the harness from the wearer.

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