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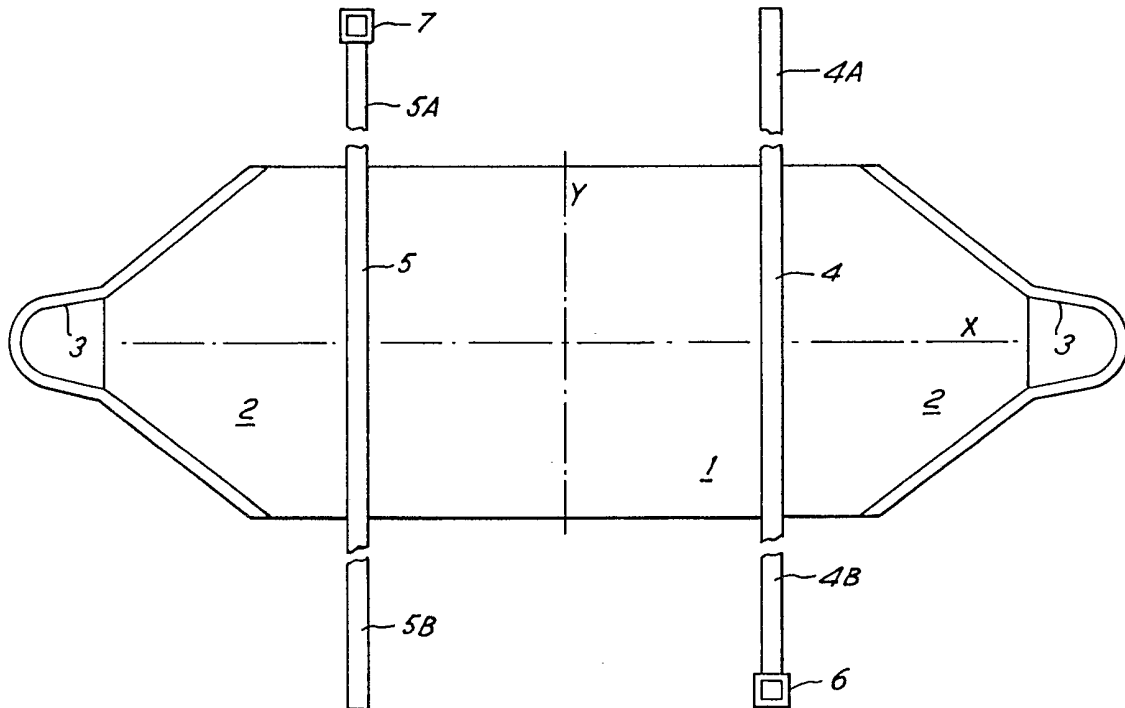
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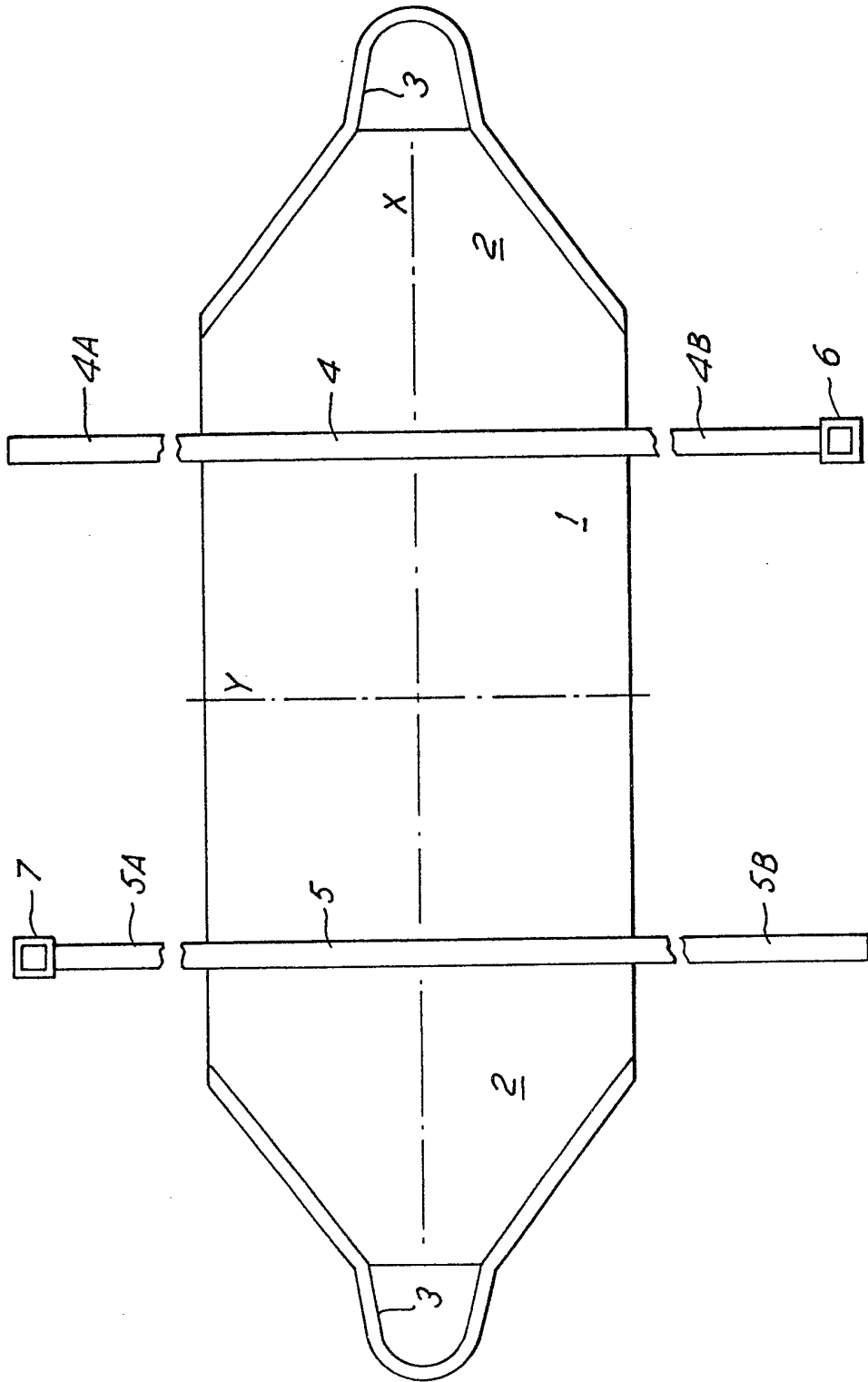
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(54) A device for lifting of animals

(57) The device comprises a sling formed by an elongate strip of material (1), such as strong canvas, which is at each of its ends (2) provided with a loop (3) and two spaced-apart belts (4, 5) extending transversely across the sling. Each belt is longer than the width of the sling and is attached to the sling such that it has free ends extending beyond the sling. The loop and belts may be made of seat belt webbing and attached to the strip of material by sewing.



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## SPECIFICATION

**A device for the lifting of animals**

- 5 The invention relates to a device for the lifting and transportation of animals, particularly cattle, which for one reason or another have gone of their feet and are unable to rise, or are trapped in ditches or soft ground.
- 10 Known devices of this kind have disadvantages known to persons skilled in the art. The aim of the invention is to mitigate them.
- The device according to the invention comprises a sling formed by an elongate strip of material, such as strong canvas, which is at each of its ends tapered and provided with a loop, and two spaced-apart belts, formed e.g. by strips of webbing, extending transversely across the sling substantially at the same distance from the centre of the sling, each belt being longer than the width of the sling and being firmly attached to the sling such that it has free ends extending beyond the sling.
- 15 The invention will now be described, by way of example, with reference to the accompanying diagrammatic drawing which shows a device according to the invention intended for the lifting and transportation of cows.
- 20 The device comprises a sling 1 formed by an elongate strip of strong canvas. The strip has at each end a tapered portion 2 to which is attached a loop 3 formed by a length of seat-belt webbing both ends of which are firmly attached, e.g. by sewing, to the converging sides of the tapered portion 2. In the illustrated embodiment the sling 1 is symmetrical about a longitudinal axis X and also about a transverse axis Y.
- 25 Two belts 4 and 5 spaced from each other along the longitudinal axis X extend transversely across the sling parallel to, and equidistantly from, the transverse axis Y. In the illustrated embodiment the belts are made of seat-belt webbing.
- 30 The central portion of each belt 4, 5 is firmly attached, e.g. by sewing, to the sling 1, so that each belt has two free ends extending beyond the sides of the sling 1, namely free ends 4A and 5A, respectively, on one side, and free ends 4B and 5B, respectively on the other side of the sling 1. The free end 4B of the belt 4 is provided with a buckle 6 and the free end 5A of the belt 5 is provided with a buckle 7.
- 35 In use the sling 1 is slung underneath a cow so that it extends transversely between the cow's forelegs and udder, the free ends 4A, 5A being positioned at the cow's neck, then the sling 1 is looped around the cow's body so that the loops 3 meet each other above the cow and may be hooked or otherwise fastened at a first point to a suitable hoist. Then the free ends 4A, 5A are trained between the forelegs to the top of the cow's neck where the free end 4A is connected by
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- 70 means of the buckle 7 to the free end 5A and the free ends 4A, 5A are tightened so that the adjacent side of the sling 1 is tight around the cow's body. The free ends 4B, 5B are trained on either side of the udder between the hind legs above the cow's rump where the free end 4B is connected by means of the buckle 6 to the free end 5B to provide a second loop which may be hooked or otherwise fastened at a second point to the hoist so as to steady the position of the cow during manipulation.

75 Successful experiments were made with a sling formed by a strip made of a material sold under the trade name REGENTEX which was 245 cm long and 115 cm wide, with loops 25 cm long made of 5 cm wide seat-belt webbing. The belts 4, 5 were also made of 5 cm wide seat-belt webbing and had free ends 4A and 5A, respectively 130 cm long and free ends 4B and 5B, respectively, 230 cm long. The belts 4, 5 were spaced 60 cm apart.

## 90 CLAIMS

1. A device for the lifting and transportation of animals, comprising a sling formed by an elongate strip of material which is at each of its ends provided with a loop, and two spaced-apart belts extending transversely across the sling, each belt being longer than the width of the sling and being attached to the sling such that it has three ends extending beyond the sling.
2. A device according to Claim 1, wherein the ends provided with the loop are tapered.
3. A device according to Claim 1 or 2, wherein the belts are situated substantially at the same distance from the centre of the sling and are firmly attached thereto.
4. A device according to any one of the preceding claims, wherein the elongate strip is of strong canvas.
5. A device according to any one of the preceding claims, wherein the belts are formed by strips of webbing.
6. A device according to any one of the preceding claims, wherein the loops are formed by webbing firmly attached to the strip.
7. A device according to any one of the preceding claims, wherein the strip is substantially symmetrical about two axes perpendicular to each other.
8. A device according to any one of the preceding claims, wherein each of the belts is provided with a device enabling it to be attached to the other belt.
9. A device according to Claim 1 constructed, arranged, and adapted to operate substantially as herein described with reference to, and as shown in, the accompanying drawing.

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