

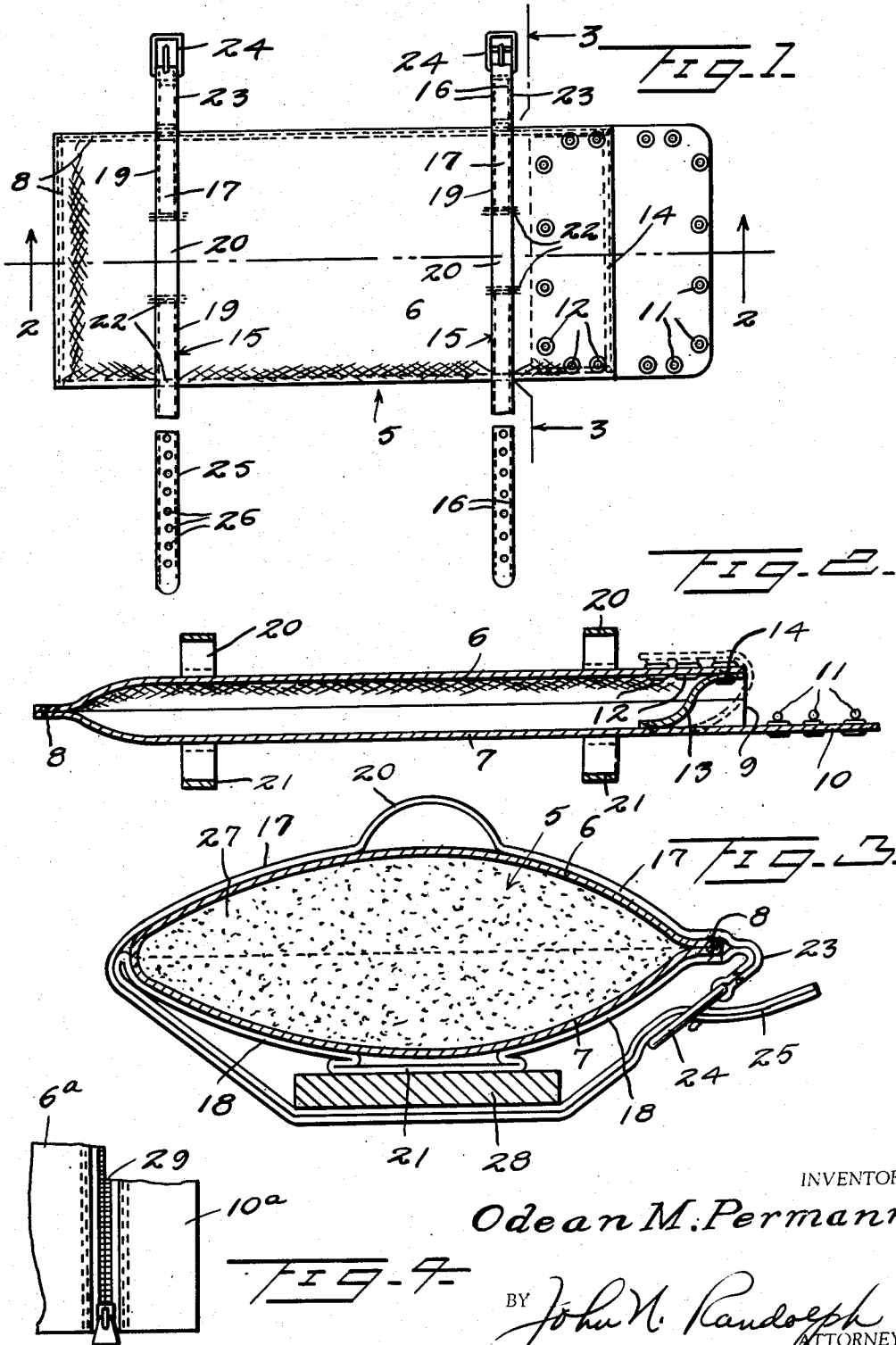
Feb. 16, 1954

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2,669,272

SANDBAG

Filed Sept. 3, 1952



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2,669,272

SANDBAG

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Application September 3, 1952, Serial No. 307,654

4 Claims. (Cl. 150—1)

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This invention relates to an improved sandbag primarily for use when filled with sand for weighting farm implements, and has for its primary object to provide a sandbag which may be very readily handled when filled with sand for easily applying it to or removing it from an implement or vehicle part and which is additionally provided with means for anchoring the sandbag detachably to an implement or vehicle part to be weighted thereby.

Considerable difficulty is encountered in handling smooth bags when loaded with sand and in maintaining such bags on implement and vehicle parts to be weighted. The present invention overcomes these objectional features of conventional sandbags and additionally provides a structure whereby the sandbag may be readily secured in a position to be used on an implement or vehicle thus eliminating the risk of the sandbag falling from the implement or vehicle.

Still a further object of the invention is to provide a sandbag wherein leakage of sand from the open end of the sandbag will be completely or substantially eliminated even when the sandbag is subjected to substantial vibratory motion by a supporting implement or vehicle on which it is mounted.

Various other objects and advantages of the invention will hereinafter become more fully apparent from the following description of the drawing, illustrating a presently preferred embodiment thereof, and wherein:

Figure 1 is a plan view of the improved sandbag;

Figure 2 is a longitudinal sectional view thereof taken substantially along a plane as indicated by the line 2—2 of Figure 1;

Figure 3 is an enlarged cross sectional view showing the sandbag loaded and secured to an implement or vehicle part and taken substantially along a plane as indicated by the line 3—3 of Figure 1, and

Figure 4 is a fragmentary plan view of a portion of a slightly modified form of the sandbag.

Referring more specifically to the drawing and to the form thereof as illustrated in Figures 1, 2 and 3, the sandbag, designated generally 5, includes a top portion 6 and a bottom portion 7 which are preferably formed of heavy canvass and which are stitched or seamed as indicated at 8 for example along one end and one longitudinal side edge of the bag 5 to provide a bag having an open end 9 and which is closed at its opposite end and along one longitudinal edge by the seams or stitching 8 and along its other

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longitudinal edge by the fold of the fabric or canvas, as illustrated in Figure 3. The bottom 7 is provided with an extension at the open end 9 of the bag 5 and which extension 10 forms a closure flap and is provided with snap fastener sections 11, preferably secured thereto along its end and side edges, as best illustrated in Figure 1. The upper section 6 along its upper side and adjacent the open end 9 is provided with mating snap fastener sections 12 so that when the closure flap 10 is folded over the end of the upper bag portion 6, as illustrated in dotted lines of Figures 1 and 2, the snap fastener sections 11 and 12 are properly positioned for attachment with one another to retain the closure flap 10 in a position for closing the open end 9 of the bag 5. The open end 9 is additionally provided with a second inner closure 13 having an outer end or longitudinal edge which is secured to the inner side of the upper bag portion 6 along the open end 9 of the bag in any suitable manner as by stitching, as indicated at 14. The inner flap closure 13 extends inwardly with respect to the bag 5 from its secured end or edge and the free end portion thereof normally bears against the inner side of the bottom bag portion 7, as illustrated in Figure 2.

The bag 5 is reinforced near to but spaced from its ends by means of a pair of two ply straps, each designated generally 15, and each of which is preferably composed of two strips of canvas, corresponding to the material of which the bag 5 is formed. The end portions of the two plies of each strap 15 are secured together as by means of stitching, as indicated at 16. One ply 17 of the intermediate portion of each strap extends transversely across the upper bag portion 6 and the other ply has an intermediate portion 18 extending across the underside 7 of the bag. The ply portions 17 and 18 of each strap 15 have end portions which are secured to the upper bag portion 6 and the lower bag portion 7 as by means of stitching, as indicated at 19, and so that an intermediate unstitched part of each ply 17 and 18, and which is of a length greater than the distance between the adjacent stitched end parts of said ply portions, will extend outwardly from the bag to form a handle. The two upper plies 17 provide handles 20 at the top of the bag 5 and the two lower plies 18 provide handles 21 at the bottom of said bag and which handles are located adjacent the ends of the bag and intermediate of its longitudinal edges, as best illustrated in Figures 1 and 3. The ply portions 17 and 18 are preferably provided with

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additional reinforcing stitching 22 at the ends of the handles 20 and 21 and additionally, if desired, at the ends of said ply portions and elsewhere where the straps 15 may be subjected to excessive strain.

The straps 15 are provided with complementary relatively short end portions 23 which extend from one longitudinal edge of the bag 5 and each of which has a buckle 24 secured to its outer end. The other, longer ends 25 of the straps 15 which extend from the other longitudinal edge of the bag 5 are provided with a series of longitudinally spaced eyelets 26 adapted to be selectively engaged with the buckle 24.

The bag 5 may be filled with sand through its open end 9 with the closure flap 10 in its extended full line position of Figures 1 and 2 and with the inner flap 13 pulled outwardly through the open end 9 of the bag. After the bag 5 has been filled to a normal capacity with sand, as indicated at 27 in Figure 3, the inner flap 13 is first inserted into the bag through the open end 9 and so that its free end or longitudinal edge will bear against the bag side 7 and will be held thereagainst by the sand resting thereon when the bag 5 is laid flat or the sand 27 is otherwise shifted toward the open end 9. The outer closure flap 10 is then moved from its full line to its dotted line position of Figures 1 and 2 and secured in its closed, dotted line position by the mating snap fasteners 11 and 12, to close the filled bag 5. Either the handles 20 or 21 may then be grasped for lifting and moving the bag and it will be readily apparent that the filled bag 5 may be much more readily handled by the handles 20 and 21 than is possible with conventional sandbags having a smooth surface affording no handhold. If the sandbag, loaded as illustrated in Figure 3, is to be utilized for weighting an implement or vehicle it may be placed on an implement or vehicle part 28 and the strap ends 25 may then be passed under said implement or vehicle part 28 and connected to the strap ends 23 by means of the buckles 24 and eyelets 26 to secure the filled bag 5 in a substantially stationary position and so that it will not be affected by a vibration or wobbling of the vehicle part 28 and which might otherwise result in the bag falling off of the vehicle or implement or being torn by sliding relatively thereto. It will likewise be readily apparent that the filled sandbag 5 can be secured to and suspended beneath the vehicle part 28 for not only weighting but lowering the center of gravity of an implement or vehicle.

Figure 4 illustrates a portion only of a slightly modified form of the sandbag and which differs from the sandbag 5 only in that the upper bag portion 6a and the outer flap or closure 10a are connected by a conventional slide fastener 29 in lieu of the snap fasteners 11, 12.

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The bag 5 may be made in various sizes and of various capacities and various other modifications and changes are contemplated and may be resorted to without departing from the spirit or scope of the invention as hereinafter defined by the appended claims.

I claim as my invention:

1. A sandbag formed of canvas or the like, a pair of two ply straps disposed transversely of the sandbag in longitudinally spaced relationship relatively to one another, said straps having intermediate ply portions extending across opposite sides of the bag and between which the bag is disposed and stitched end portions projecting from the side edges of the bag, said first mentioned ply portions having end portions stitched to the sides of the bag against which said ply portions are disposed and having unstitched portions disposed therebetween forming handles.

2. A bag as in claim 1, the handle forming ply portions being longer than the spacing between the stitching at the ends thereof whereby said handle portions project outwardly from the bag.

3. A sandbag as in claim 1, corresponding ends of said straps being provided with buckles and the opposite ends of said straps being of sufficient length to engage loosely around one side of the bag and to be attached to said buckles, said last mentioned strap ends being adapted to engage around a part by which said bag is detachably supported for retaining the bag in a secured position thereon or in a suspended position therebeneath.

4. The combination with an elongated sandbag, a pair of flexible straps each having two divided plies extending across opposite sides of the bag and stitched thereto, corresponding plies of the two straps having unstitched portions spaced substantially equal distances from the side edges of the bag and bowed outwardly from the adjacent bag side to form carrying handles, and said straps having two ply end portions extending from the side edges of the bag and of a length to engage loosely around either side of the bag, said end portions having detachable fastening means for attaching the strap ends together for detachably securing the bag to a supporting member.

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