(No Model.)

S. REICHART.

COVER OR PROTECTOR FOR PLANTS.

No. 489,500. Patented Jan. 10, 1893.

Fig. 1.

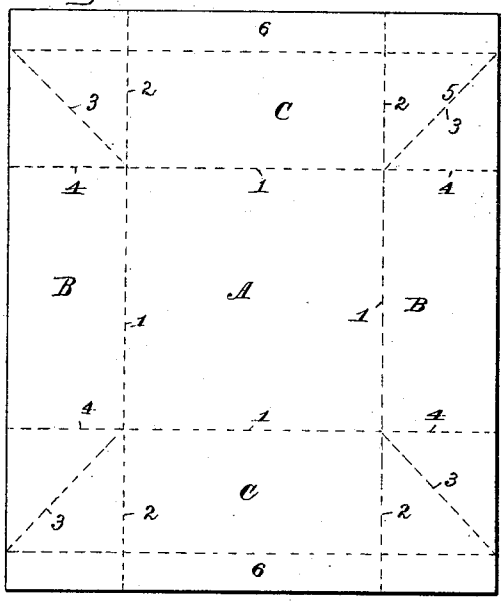


Fig. 2.

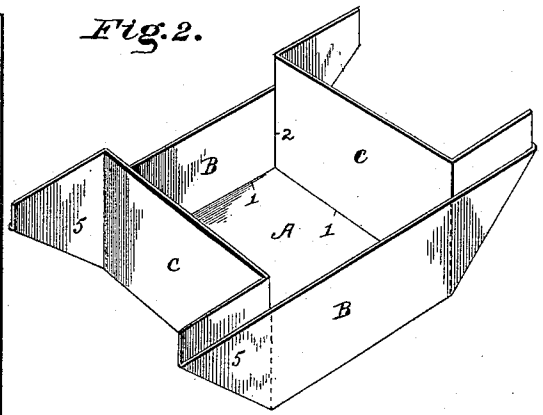


Fig. 4.

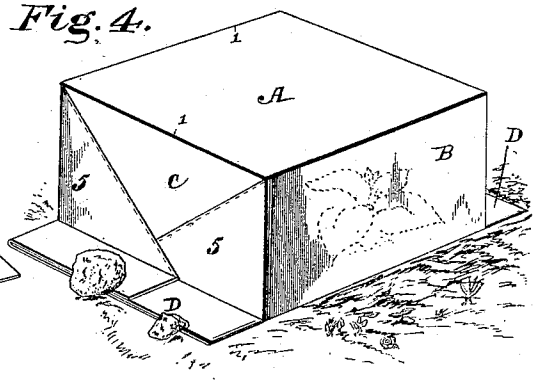


Fig. 3.

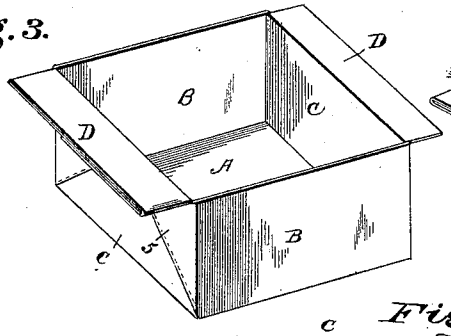
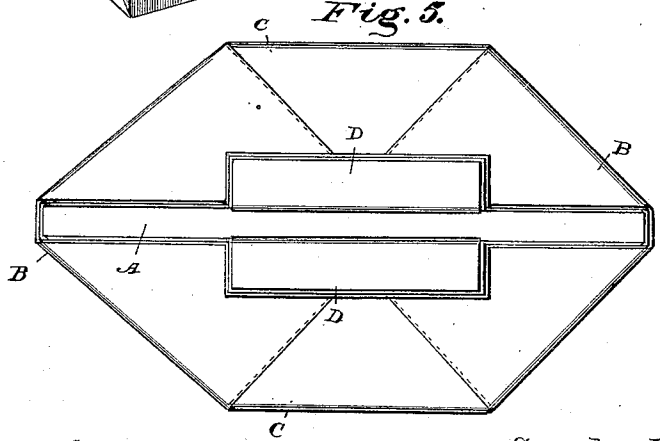


Fig. 5.



Witnesses

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SARAH REICHART, OF MAINVILLE, PENNSYLVANIA.

COVER OR PROTECTOR FOR PLANTS.

SPECIFICATION forming part of Letters Patent No. 489,500, dated January 10, 1893.

Application filed February 10, 1892. Serial No. 420,975. (No model.)

To all whom it may concern:

Be it known that I, SARAH REICHART, a citizen of the United States, residing at Mainville, in the county of Columbia and State of Pennsylvania, have invented a new and useful Cover or Protector for Plants, of which the following is a specification.

My invention relates to covers or protectors for plants, and consists in the construction and arrangement, from a single uncut blank, of a box formed by folding the parts thereof in such manner as to provide a shield to be placed over young plants to protect them from the sun's rays and the weather, or, if used in larger form, to act as a covering to resist the action of frost and wind.

My invention further consists in the provision of an integral attachment projecting from the ends of the box when formed, whereby said box may be held in place by the application of weights or fastenings to said attachment.

The object of my invention is to provide a device of this character requiring but a small amount of labor to construct the same, without waste of material and the use of machinery, and that can be placed upon the market in such compact form and arrangement as to be readily set up and used without employing any great amount of skillful manipulation.

Further objects and particular advantages will be more fully hereinafter set forth and pointed out in the claim.

In the drawings—Figure 1 represents a plan view of the blank of which my improved device is formed, and illustrating the lines of folds. Fig. 2 is a perspective view of the device shown partially folded. Fig. 3 is a perspective view of the device completely folded and ready for use. Fig. 4 is a perspective view of the device shown in position over a plant, and also illustrating the several folds connected by stitches as a means of fastening. Fig. 5 represents a plan view of the device in the form in which it will be put upon the market, showing a number of the devices stored therein.

By reference to Fig. 1, A represents the top of the box or cover, B, B, the sides, and C the ends, which are formed by the folds as follows: The top A is surrounded by the fold 1, the sides B by the folds 4, 4, and 1, and the ends C by the folds 2, 2, and 1, as well as an edge-fold as will be hereinafter more fully set forth. Between the folds 2 and 4 are bellows corner-folds, formed on the lines 3, and forming a triangular flap 5 when arranged in position against the ends C. Along the edges of the ends C and angular flaps 5 as formed by said bellows folds, is an edge-flap 6 that is folded down at right angles to the ends C to form a securing tongue or integral attachment D.

In arranging the cover in form for use, the sides B and ends C are brought up into vertical planes with the angular flaps 5 projecting from the said ends C, as shown in Fig. 2. The angular flaps 5 are then folded against the ends C, and the edge-flaps 6 turned down at an angle as shown in Fig. 3. The flaps at the ends C may be secured by lines of stitching as shown, or by the use of metallic clips, adhesive substances, or other means as may be found desirable. In this arrangement the box or cover is placed over the plant to be protected as shown in Fig. 4, and weights, such as stone, gravel, or sand, are placed on the securing tongue or attachment D, to sustain the same in position. The inside portions of the angular flaps 5, and the ends C project above the outer portions of the said angular flaps 5, and the side B, and the said flaps 5 when turned inward slightly overlap and reinforce the end-construction of the cover or protector. The projecting portions that extend higher than the sides B, as above referred to, are unitedly turned over, as shown by Fig. 3, to form the tongues D, and are therefore of double thickness and rendered stronger and more durable to resist wear and prevent the same from becoming readily torn asunder from the main portion of the protector or cover.

The device may be used as a protector for either small or large plants by proportionately increasing the size thereof, and it will be understood that various sizes will be constructed and placed upon the market. The material of which the device will be composed is either light or heavy paper, or other

flexible material, and can be rendered water-proof by treatment with a water-proofing compound.

As shown in Fig. 5, the device is represented as having the parts thereof inseparably joined and flattened out for storage in compact form, and as it will be placed upon the market. By catching hold of the two ends and raising them to a vertical position, the cover or protector can be readily formed as shown in Fig. 4 and be made ready for use. In this condition the device may be used to receive a number of similar devices in flattened form, and thereby provide a compact storage of the same for transportation or other purposes.

It will be observed that by the construction set forth a knockdown cover or protector is provided that may be readily packed away or set up for use.

Having thus described my invention, what I claim as new is—

In a knockdown cover or protector for plants, the combination of closed top, sides, and ends and open bottom, having bellows folds formed at the corners thereof and of angular contour, the inner portions of said corner folds and the ends of the protector being extended and longer than the sides of the same, and the said corner folds being bent inward to overlap each other and reinforce the ends, and the extended portions of said ends being unitedly bent over to provide tongues that extend at right angles from the opposite ends of the bottom portion, said parts being secured together and adapted to be made water-proof, the entire device being formed from a single uncut blank, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

SARAH REICHART.

Witnesses:
W. L. EYERLY,
WILL L. CRYST.