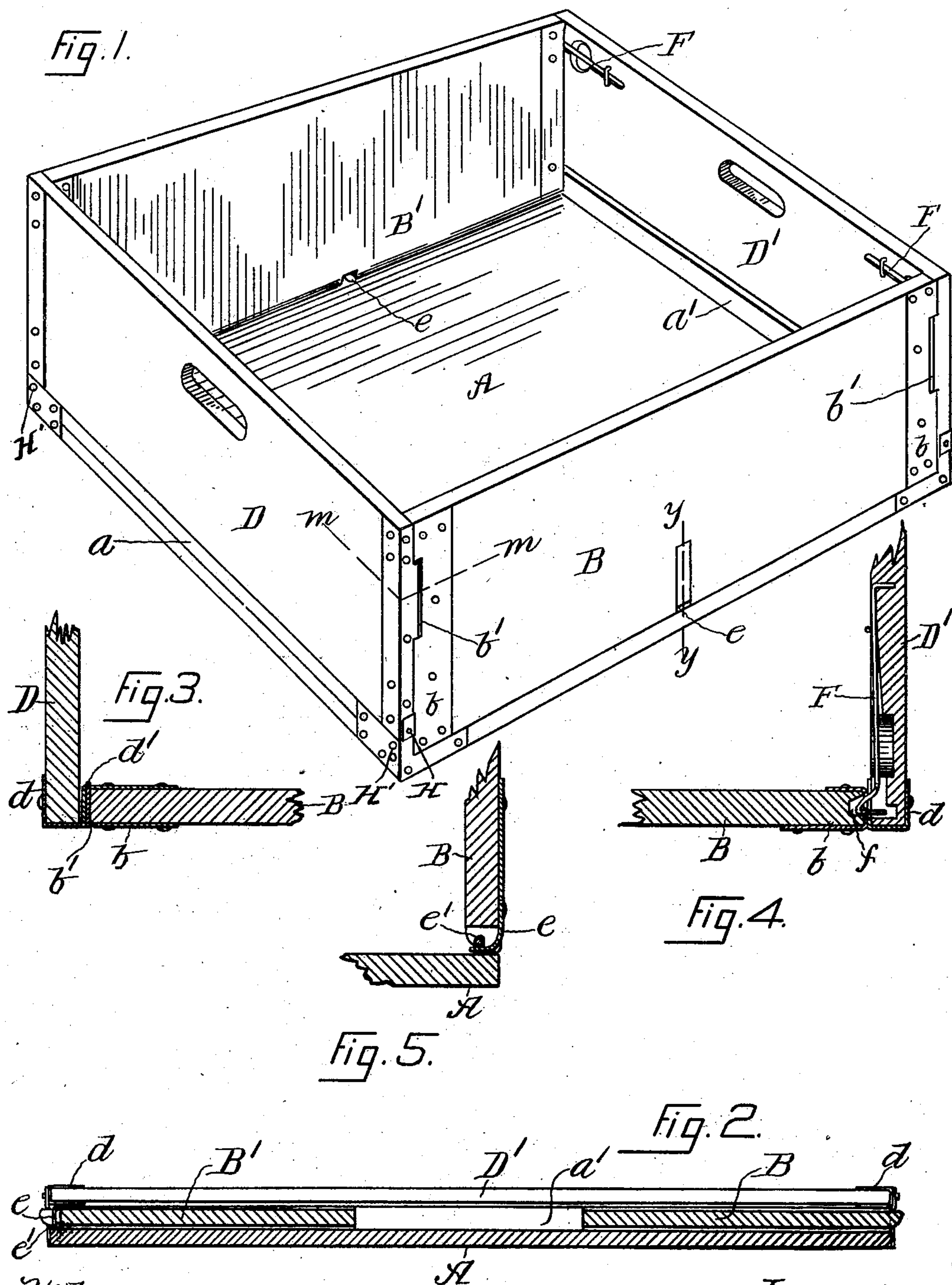


(No Model.)

G. W. CARVER.
BOX.

No. 603,256.

Patented May 3, 1898.



Witnesses:
H. P. Guillo
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UNITED STATES PATENT OFFICE.

GEORGE W. CARVER, OF BROOKLINE, MASSACHUSETTS.

BOX.

SPECIFICATION forming part of Letters Patent No. 603,256, dated May 3, 1898.

Application filed June 21, 1897. Serial No. 641,606. (No model.)

To all whom it may concern:

Be it known that I, GEORGE WALLACE CARVER, of Brookline, in the county of Norfolk and State of Massachusetts, have invented an Improved Folding Box, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved box. Fig. 2 is a section of Fig. 1, showing the box folded. Fig. 3 is a section on line *m m* of Fig. 1, showing the hook *d'* and its slot *b'*. Fig. 4 is a section of a corner of the box, showing the spring-catch. Fig. 5 is a section on line *y y* of Fig. 1.

In the drawings, A is the bottom of the box. B B' are the sides, and D D' the ends. Secured to the upper surface of the bottom of the box, at each end thereof, is a strip *a a'*, equal in thickness to the ends D D', which are hinged thereto by pintles H, while the sides B B' are hinged to the bottom A by pintles H', the said pintles H H' being shown in the drawings as wire nails driven through the sheathing *b* into the ends and sides of the box and serving as pivots on which the ends and the sides swing. The ends of the sides B B' and of the ends D D' are covered with strips of sheet-iron *b* and *d*, which are bent about the ends of B B' and D D' and are secured thereto.

Each of the strips *d* is cut to form the hooks *d'*, while slots *b'* are cut in the strips *b*, one in each. These hooks *d'* and slots *b'* are so arranged that when the sides and ends of the box are swung into their upright position the hooks *d'* will engage the slots *b'*, and thus prevent both the sides B B' and ends D D' from falling outward, while the strips of metal *b* and *d* form a sheathing for the corners of the box, and this arrangement of hooks and slots to hold the ends and sides in an upright position, constructed out of the metal strips which protect the corners of the box from injury, is the main feature of my invention.

At each corner of the box is a spring-catch F, fast to ends D D' and fitting into a slot *f* in sides B B', and this catch prevents the ends B B' from falling inward.

At suitable intervals along the sides and ends are secured hooks *l*, which when the

sides and ends are erected swing into engagement with staples *l'*, secured to bottom A, and render the box more solid, and these hooks and staples disposed along the sides and bottom of the box are a second feature of my invention.

The operation is as follows: The box being folded, the ends D D' are first swung on their hinges into an upright position. The ends B B' are then swung on their hinges into an upright position, the hooks *d'* engaging with slots *b'*, the catches F with slots *f*, and hooks *e* with staples *e'*, as explained above.

My improved box is especially adapted for the use of market-gardeners, as it may be folded into a very small compass when empty, and yet is a strong durable box, the corners and ends of the sides being protected from injury.

What I claim as my invention is—

1. The folding box made up of bottom A; strips *a a'*; ends D D' hinged to strips *a a'* and provided with strips of sheet metal secured to their ends and hooks *d'* formed integral with those strips; sides B B' hinged to bottom A and provided with strips of sheet material secured to their ends in which are cut slots *b'* all arranged so that the swinging of the ends and sides into an upright position will cause hooks *d'* to engage slots *b'* substantially as and for the purpose described.

2. The folding box made up of bottom A provided with staples *e'*; strips *a a'* provided with staples *e'*; ends D D' hinged to strips *a a'* provided with strips of sheet metal secured to their ends, hooks *d'* formed integral with those strips and hooks *e* secured to their lower edges; sides B B' hinged to bottom A provided with strips of sheet material secured to their ends in which strips are cut slots *b'* and with hooks *e* secured to their lower edges, all arranged so that when the sides and ends are swung into an upright position the hooks *d'* will engage slots *b'* and hooks *e* will engage staples *e'* substantially as and for the purposes described.

GEORGE W. CARVER.

Witnesses:

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