

(Model.)

L. D. DOZIER.
SHEET METAL PACKING BOX.

No. 279,726.

Patented June 19, 1883.

Fig. 1.

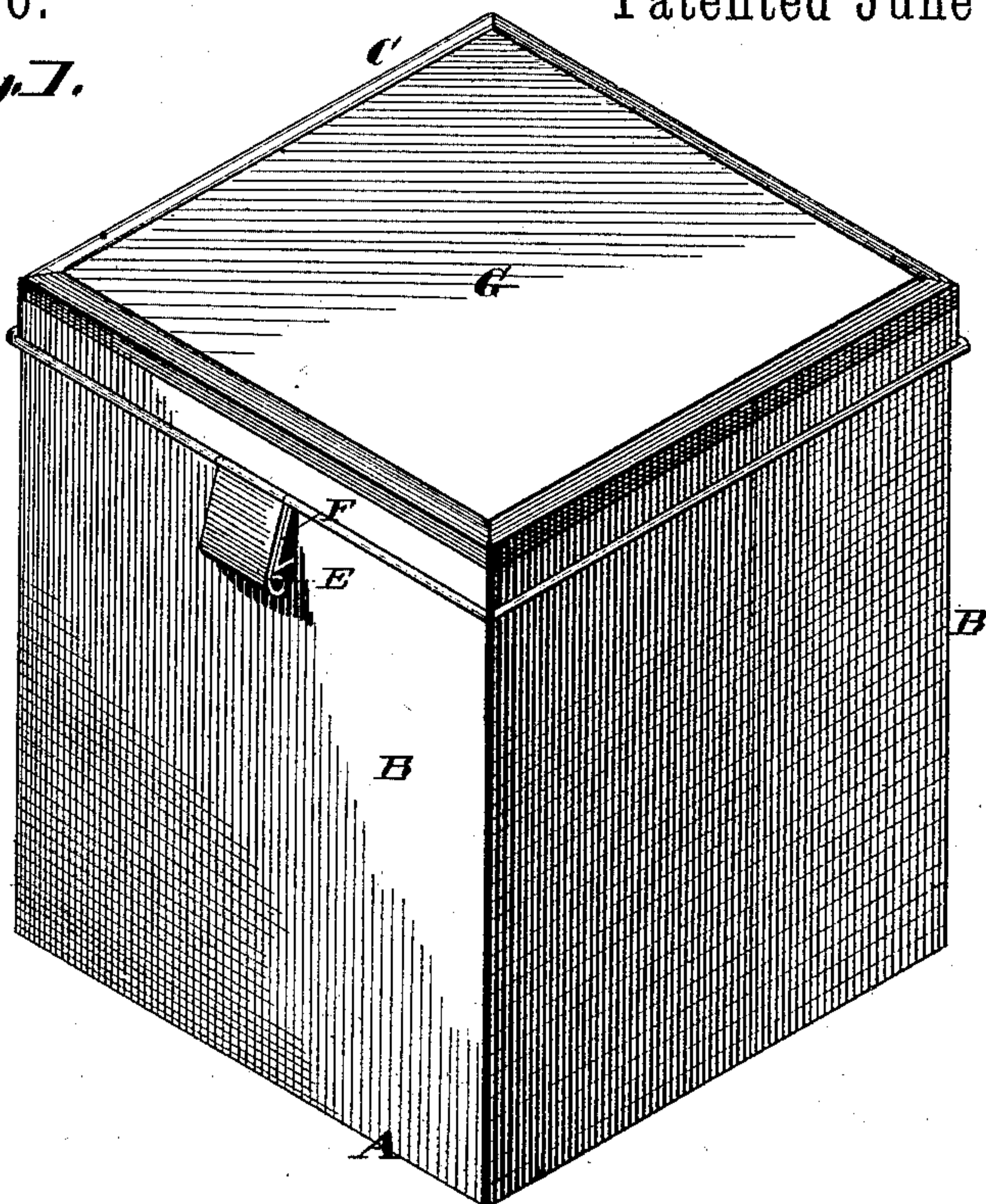
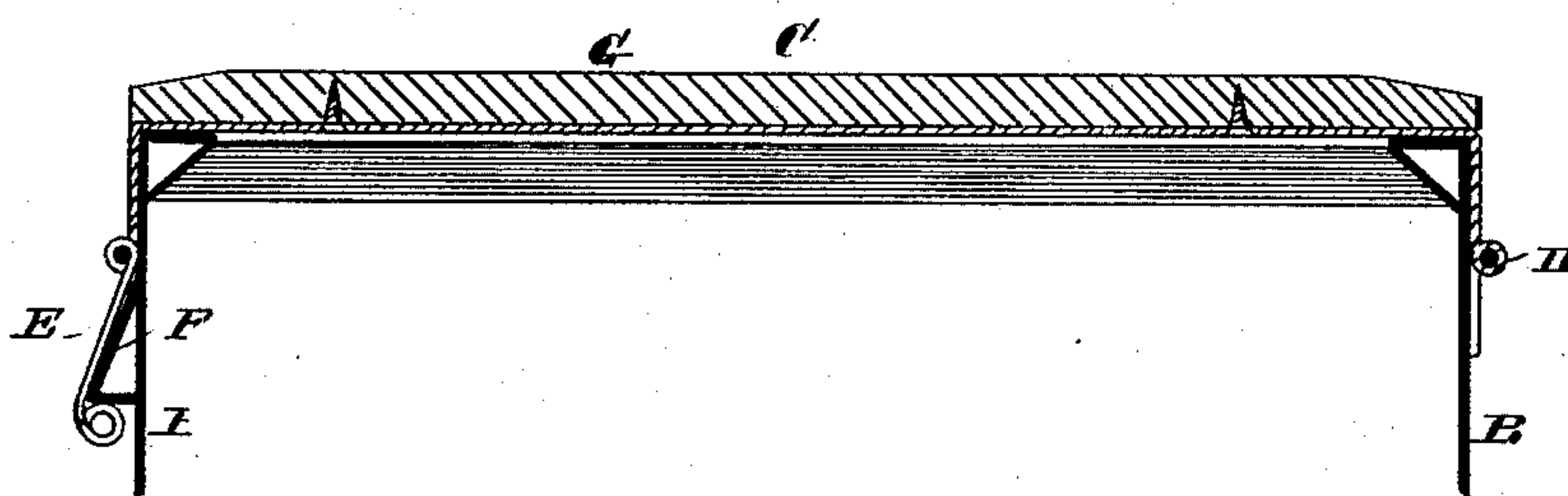


Fig. 2.



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UNITED STATES PATENT OFFICE.

LEWIS D. DOZIER, OF ST. LOUIS, MISSOURI.

SHEET-METAL PACKING-BOX.

SPECIFICATION forming part of Letters Patent No. 279,726, dated June 19, 1883.

Application filed March 30, 1883. (Model.)

To all whom it may concern:

Be it known that I, LEWIS D. DOZIER, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Sheet-Metal Packing-Boxes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

10 My invention consists in attaching to the top of the sheet-metal box a stiffening piece or plate of wood or other material sufficiently inflexible to preserve the sheet-metal top from injury by objects striking or resting upon the
15 top.

Figure 1 is a perspective view of a cracker box or can with my improvement applied. Fig. 2 is a vertical section through the catch.

20 A is the bottom, B the sides, and C the top, of a tin cracker-box. The top or lid is shown connected to the body by a hinge, D, and its free edge held down by a hinged or spring catch, E, taking under a lip, F.

25 G is a piece or plate of wood covering the lid C and fixed thereon by wood-screws inserted from beneath, passing through the lid C and into the cover G. When secured in this way the cover may be renewed, if occasion requires. Other means of attachment may be
30 used, such as rivets, clinching-nails, &c.

35 As a material for the construction of boxes, sheet metal gives a much better protection against atmospheric influences than wood; but there is a serious objection to the use of sheet metal for large or even moderate-sized boxes

where they are liable to be piled in bulk or loaded with other articles, owing to the liability of the metal to be dented by the weight of an article upon the box or by a person standing thereon in handling the packages.

40 To provide a cheap and strong box having the advantages of both the tin or other sheet metal and the wooden box, I originated the described improvement.

45 The bottom and sides of the box have no need of protection, so they are not covered, and thus the appearance of the box does not vary materially from that of a sheet-metal box without any cover G.

50 The upper edge of the body is shown with an inturned strengthening rib or flange, B'; but this is not an essential feature, because the re-enforced lid forms a support to the top of the body.

55 I do not confine myself to any particular form of hinge. In fact, the hinge may be dispensed with, or may be made to admit of disconnection either by drawing out the pintle-wire D' or by other means.

I claim—

60 1. A sheet-metal box having a protecting-plate of wood secured to the top of the lid, as set forth.

2. A sheet-metal box having a protecting-plate of wood secured removably to the top of
65 the lid by wood-screws, as set forth.

LEWIS D. DOZIER.

Witnesses:

SAML. KNIGHT,

GEO. H. KNIGHT.