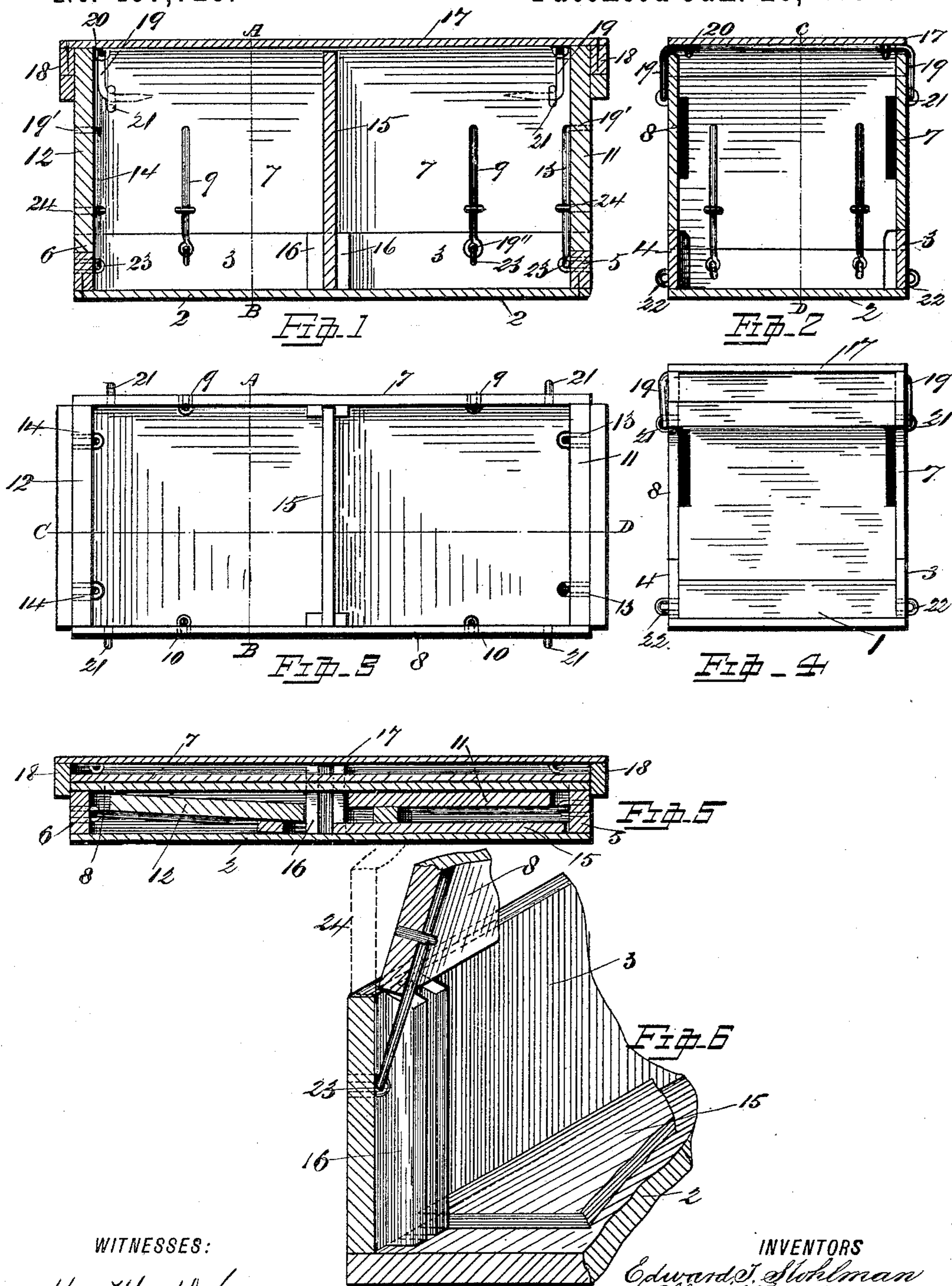


(No Model.)

E. T. STOHLMAN & W. E. WINDMILLER.
FOLDING PACKING CASE.

No. 467,728.

Patented Jan. 26, 1892.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWARD T. STOHLMAN AND WILLIAM E. WINDMILLER, OF WEISBURG,
INDIANA.

FOLDING PACKING-CASE.

SPECIFICATION forming part of Letters Patent No. 467,728, dated January 26, 1892.

Application filed July 16, 1891. Serial No. 399,776. (No model.)

To all whom it may concern:

Be it known that we, EDWARD T. STOHLMAN and WILLIAM E. WINDMILLER, citizens of the United States, residing at Weisburg, in the county of Dearborn, in the State of Indiana, have invented new and useful Improvements in Folding Packing-Cases, of which the following is a specification.

Our invention relates to a new and improved folding or collapsible packing-case wherein perishable merchandise is packed for transportation.

Heretofore goods and merchandise of a perishable nature and other goods were packed, usually, in solid boxes or cases, which, when emptied of their contents, were either destroyed or sold at a sacrifice for kindling-wood, owing to the cost of transportation being far in excess of the cost of their construction, which is proportional to the amount of space occupied in the car.

The object of our invention is to construct a folding packing-case that can be readily folded up into a small compass and that will be cheap to construct, durable, and simple, which objects we attain by the device illustrated in the accompanying drawings, in which—

Figure 1 is a longitudinal sectional elevation of the case opened up through the line C D. (See Figs. 2, 3, and 4.) Fig. 2 is a transverse sectional elevation of the same through the line A B. (See Figs. 1 and 3.) Fig. 3 is a plan view with the cover removed. Fig. 4 is an end elevation. Fig. 5 is a longitudinal sectional elevation showing the case folded; and Fig. 6 is an enlarged part sectional perspective view of the case, showing the hinged side wing.

Similar numbers of reference designate like parts throughout the several views.

1 designates the bottom section of the case, having the bottom 2, the sides 3 and 4, and the ends 5 and 6 firmly secured together to form a solid part.

7 and 8 designate the side wings of the case, resting on the sides 3 and 4 and hinged thereto by the hinges 9 and 10, of peculiar construction, hereinafter described, and adapted to swing inwardly and to overlap each other when folded, as shown in Fig. 5.

11 and 12 designate the end wings of the case, adapted to swing inwardly and between the side wings 7 and 8 and hinged on the end hinges 13 and 14, similar in form to those of 9 and 10. Intermediate between the end wings 11 and 12 is removably secured the dividing-partition 15, held in its vertical position by the holding ways or strips 16, firmly secured to the sides 3 and 4, which we employ not only for the purpose of holding the side wings in their proper and vertical position, but also to divide and distribute the weight and relieve the packed perishable material, as eggs, from any undue or destructive pressure.

17 designates the lid or cover of the case, having its ends 18 adapted to overlap the end wings of the case and provided at or near its ends with the hooked catches 19, secured to its under surface by any suitable form of staple, as 20, and adapted to engage the eyes 21 to firmly hold the lid thereon when said case is packed, as shown in Figs. 1, 2, 3, and 4, and to engage the eyes 22 when the case is folded ready to be stored or returned, as shown in Fig. 5.

The hinges 3, 4, 5, and 6 are preferably formed of wire of suitable strength, but may be of any other suitable form and material, and consist in a stem having its bends 19' pointed to penetrate the case and the eye 19'', adapted to receive the staple 23, to which it is pivoted or hinged. The staples 24 are provided for the purpose of firmly embracing and securing the hinges 3, 4, 5, and 6 and to hold them in their proper vertical position.

It will be observed that the side hinges 9 have their ends hinged or pivoted at a point on the side 3 lower than the hinge 10 on the side 4 for the purpose of permitting the side wing 8 to underlap the side wing 7 and to fold neatly and compactly.

To prepare the case for packing goods or merchandise therein, the sides 7 and 8 are first swung open into their vertical position, and the end wings 11 and 12 are also raised to their vertical positions between said side wings, and the partition 15 is dropped into and between the supporting-strips 16, after which operation the case is ready for packing. When the case is properly and completely packed with goods, the lid 17 is placed on the

top thereof and removably secured thereto by the catches 19 engaging the eyes 21, hereinbefore described.

When the case has been transported and is
5 unpacked and it is required to either store it away for future use or to return it to its owner, the partition 15 is removed and placed in one end of the bottom section 1, the end wings 11 and 12 and the side wings 7 and 8
10 are folded in the manner shown in Figs. 5 and 6 to occupy a small space, and the lid 17 is placed thereon and secured to the bottom section 1 by the catches 19 engaging the eyes 22 thereof.

15 Having thus fully described the construction and nature of our invention, what we claim as new and useful, and desire to cover by Letters Patent of the United States therefor, is—

20 1. In a folding packing-case, the combination of the lid and the catches 19, swung from the inner side of the lid, so as to engage eyes

upon the outside of the case, with the side and end wings and the hinges having one of their ends bent to penetrate the case, substantially 25 as shown and described.

2. In a folding packing-case, the combination of the lid, the side and end wings, and the catches swung from the inner side of the lid, so as to engage eyes upon the outer sides 30 of the case, with the holding-strips, the dividing-partition held in vertical position by the said holding-strips, and the hinges constructed and arranged substantially as set forth.

35 In testimony whereof we have hereunto set our hands in the presence of two subscribing witnesses.

EDWARD T. STOHLMAN.
WILLIAM E. WINDMILLER.

Witnesses:

WILLIAM SCHWETZER,
WILLIAM HACKMAN.