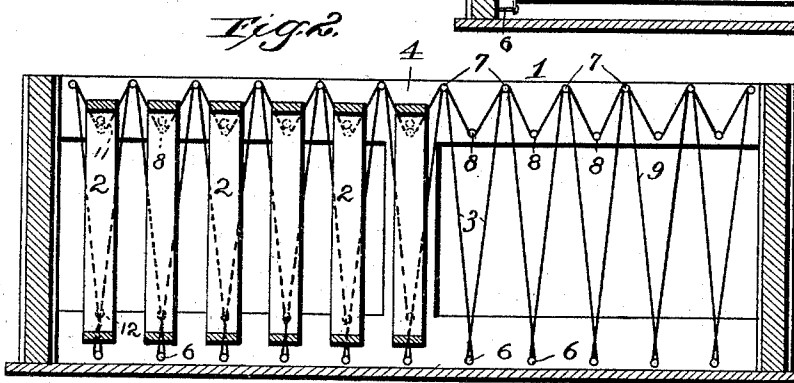
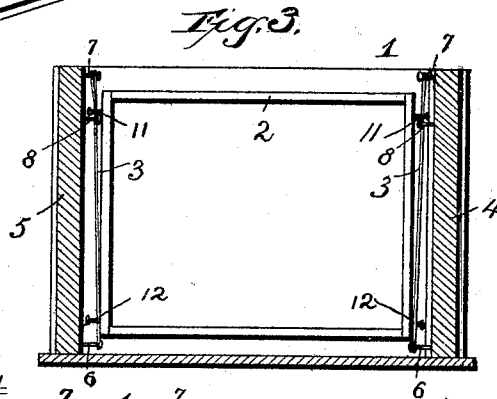
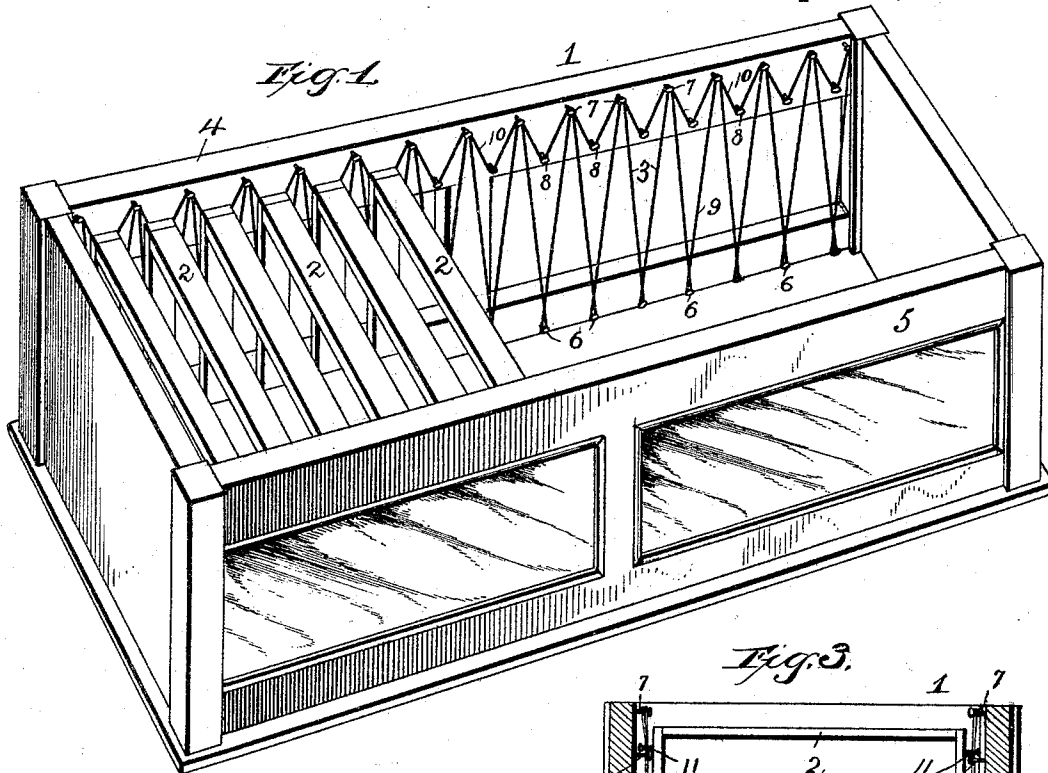


(No Model.)

T. McMANUS.
SHIPPING CASE FOR HONEY.

No. 495,597.

Patented Apr. 18, 1893.



Witnesses

Inventor

E. C. Mendenhall,
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By *his* Attorneys,

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UNITED STATES PATENT OFFICE.

TERRENCE McMANUS, OF SEXTON, INDIANA.

SHIPPING-CASE FOR HONEY.

SPECIFICATION forming part of Letters Patent No. 495,597, dated April 18, 1893.

Application filed November 27, 1891. Renewed March 8, 1893. Serial No. 465,187. (No model.)

To all whom it may concern:

Be it known that I, TERRENCE McMANUS, a citizen of the United States, residing at Sexton, in the county of Rush and State of Indiana, have invented a new and useful Improvement in Shipping-Cases for Honey, of which the following is a specification.

The invention relates to improvements in shipping cases for honey.

The object of the present invention is to provide a shipping case which will be adapted to receive honey sections as the latter are removed from a hive, and be capable of enabling the same to be transported without liability of breaking the honey comb.

A further object of the invention is to provide a shipping case in which honey sections may be readily inserted and removed, and in which the honey sections will be prevented from sticking.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings and pointed out in the claims hereto appended.

In the drawings—Figure 1 is a perspective view of a shipping case embodying the invention. Fig. 2 is a longitudinal sectional view. Fig. 3 is a transverse sectional view.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a shipping crate or case adapted to receive honey sections containing honey as they are removed from a hive to enable the same to be transported.

In order to prevent the honey sections 2 from sticking to the sides of the crate, and also to cushion them to prevent them from jarring and breaking the honey comb, they are supported by stretched wire 3 arranged on the sides 4 and 5 of the casing, and forming a resilient cushion to provide a yielding bearing for the end bars of the honey sections. The wires 3 are supported by and stretched to outer rows of pins 6 and 7 and an inner row of pins 8 arranged adjacent to the rows 7, and the wire 3 forms a series of inverted triangles having similar sides 9 and a re-entering base 10, and may consist of a

single piece of wire or several pieces connected together. The outer row 7 has the pins arranged at intervals, and the adjacent inner row 8 is disposed with the pins opposite the intervals of the row 7, and the outer row 6 has the pins opposite the intermediate row 8. The inverted triangular portions are formed by securing one end of a wire to an end pin of the row 7, and then lacing the wire across the side of the casing between the outer rows of pins to form the rows 9 as shown. The wire is then laced between the pins of the outer row 7 and the intermediate row 8. This forms a yielding bearing for the ends of the honey sections to cushion shocks and jars received during the transportation to avoid breaking the honey comb and lessening its commercial value. The honey sections are provided at the upper ends of their sides with projections 11, and at the lower ends thereof with projections 12. The upper projections 11 are received in the re-entering bases, and the lower projections 12 are arranged between the sides 9 near the apexes of the same. This construction supports the honey sections within the case, and enables them to be readily inserted and removed.

It will be seen that the casing or crate is simple and comparatively inexpensive in construction, and is adapted to receive the honey sections as they are removed from a hive, and is capable of enabling them to be transported without injury to the honey.

What I claim is—

1. The combination with honey sections provided with projections, of a shipping case provided at opposite sides with stretched wires engaged by said projections and forming a cushion between the honey sections and the shipping case and supporting the former, substantially as described.

2. A shipping case provided on opposite sides with intermediate and outer rows of pins and having wires arranged on the pins and forming inverted triangular yielding supports and having re-entering bases, combined with the honey sections provided at their sides with projections arranged near the ends of the same and adapted to engage the triangular supports, substantially as described.

3. The honey sections provided with pro-
jections combined with the casing having
supporting wires arranged on pins and laced
across the sides of the case and forming a
5 yielding support adapted to be engaged by
the projections, 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.

TERRENCE McMANUS.

Witnesses:

CHAS. JONES,
JACOB W. HANSON.