

D. E. DUTROW.
Egg-Carrier.

No. 200,704.

Patented Feb. 26, 1878.

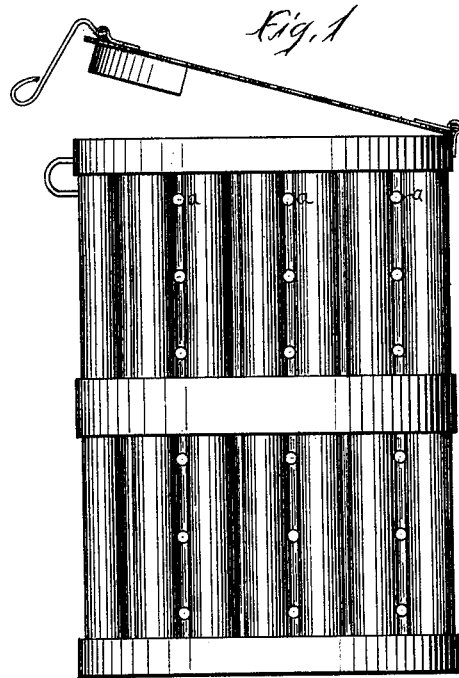


Fig. 2

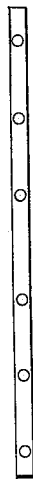


Fig. 3

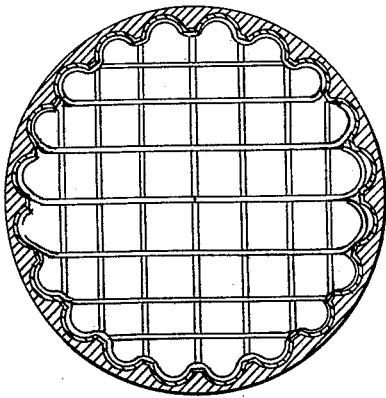
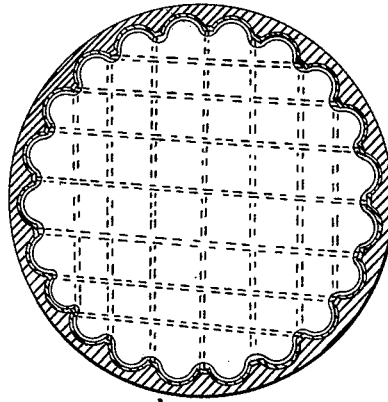


Fig. 4



WITNESSES
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UNITED STATES PATENT OFFICE.

DAVID E. DUTROW, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN EGG-CARRIERS.

Specification forming part of Letters Patent No. **200,704**, dated February 26, 1878; application filed September 15, 1877.

To all whom it may concern:

Be it known that I, DAVID E. DUTROW, of Washington, in the county of Washington and District of Columbia, have invented certain new and useful Improvements in Egg-Carriers; and I do hereby declare that the following is a full, clear, and exact description of my invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a side elevation. Fig. 2 represents a part of the carrier detached. Figs. 3 and 4 are transverse sections.

My invention relates to means for packing and transporting eggs; and consists in the construction and arrangement of a carrier, as will be hereinafter more fully set forth.

The case for containing the trays consists of a corrugated cylindrical barrel or vessel, Fig. 1, having two heads, one of which is fixed and the other removable, but which, when in use, may be secured by clasps or other fastenings.

The sides of the barrel are corrugated in such a manner as to form semicircular channels within it, extending from head to head; but the outside surface of the barrel may be plain. The barrel is bound and strengthened by hoops, neatly fitted to conform to its outside surface, be it plain or corrugated. The case is constructed with apertures *aa* for ventilation. These are opened or closed by means of a sliding strip, a detached view of which is shown in Fig. 2.

Within the case are arranged trays, made of strips of pasteboard, which are connected so as to form compartments or cells, each of which is adapted to hold a single egg. The trays are placed one above another in the barrel, with paper disks between them, the border of the disks being scalloped, so as to fit neatly within the barrel, as shown in Fig. 4, where

the walls of the cells are represented by dotted lines through the disk. The ends of each strip composing the sides of the cells are bent around into the channels in the sides of the barrel, as shown in Fig. 3.

Thus it will be seen that in the semicircular channels are the outside walls of the outside cells of each tray; and the ends of the strips, bent as described, furnish a support for the part of the disk which projects into the channels.

The construction of the barrel described and the arrangement of the cells secure the greatest possible economy of space within the carrier, and the corrugated construction of the sides of the barrel renders it much stronger than if they were plain, both of which are important considerations with produce dealers and shippers.

My carrier may be used not only for packing and transporting eggs, but it is admirably adapted to, and is intended to be used for, packing and transporting fruits of various kinds, and it may be made of various sizes.

I prefer to make my carrier entirely of paper; but other suitable material may be used in its construction.

I claim as my invention and desire to secure by Letters Patent—

1. In combination with a cylindrical vessel having semicircular corrugations, as described, trays and scalloped disks fitting said corrugations, as set forth.

2. A corrugated vessel, as described, arranged for carrying eggs or fruit, having sliding strips and apertures, as and for the purpose described.

In testimony that I claim the foregoing as my own invention I affix my signature in presence of two witnesses.

DAVID E. DUTROW.

Witnesses:

CHARLES S. HERRON,
L. J. BARBER.