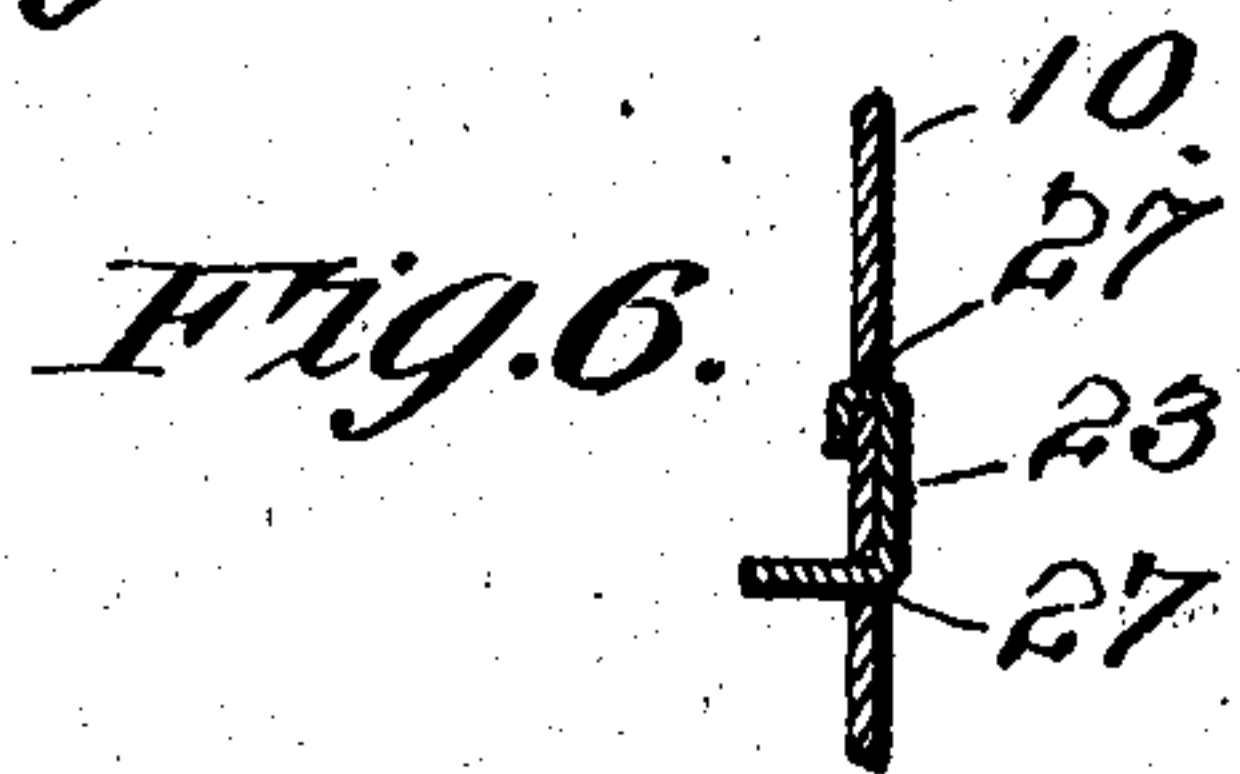
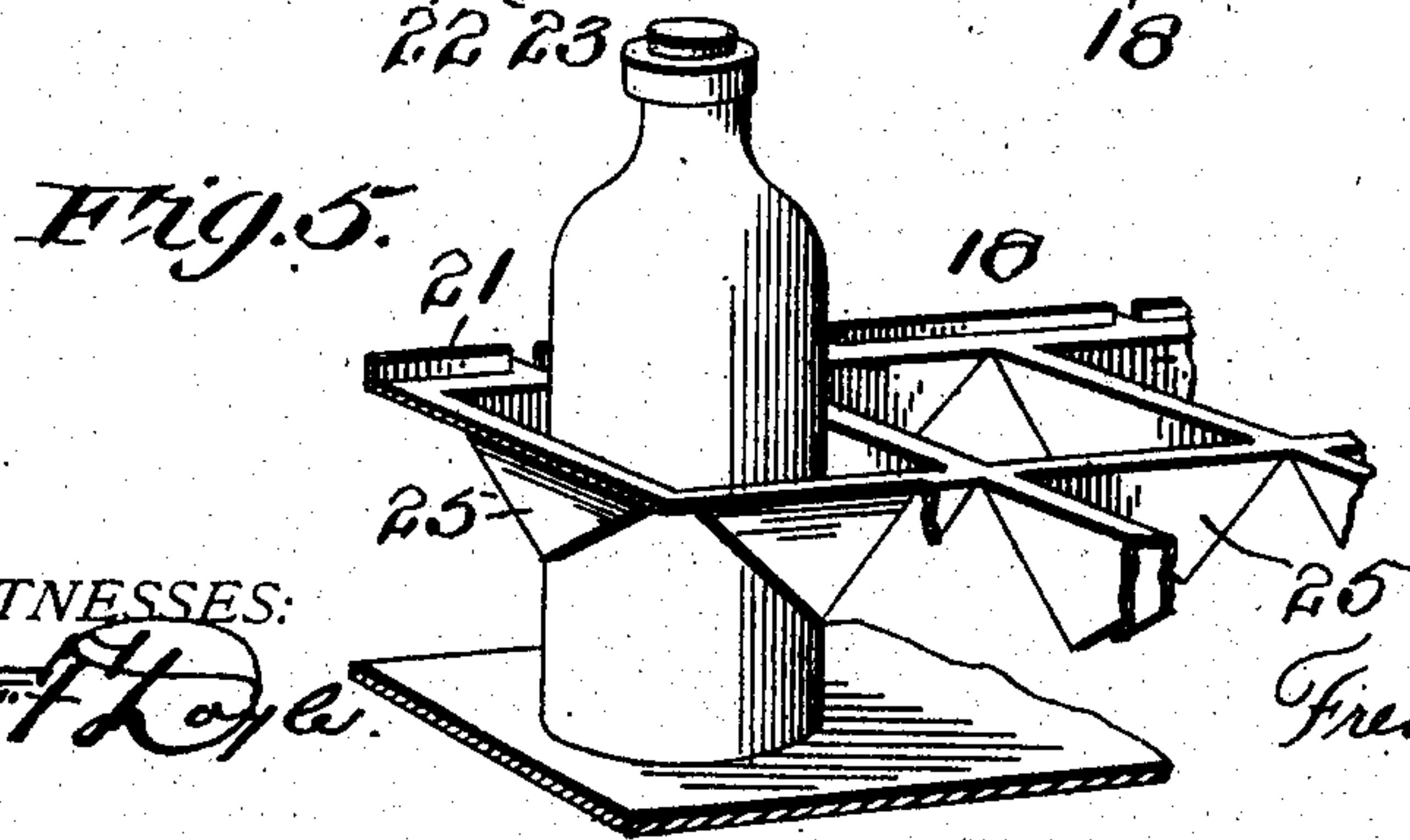
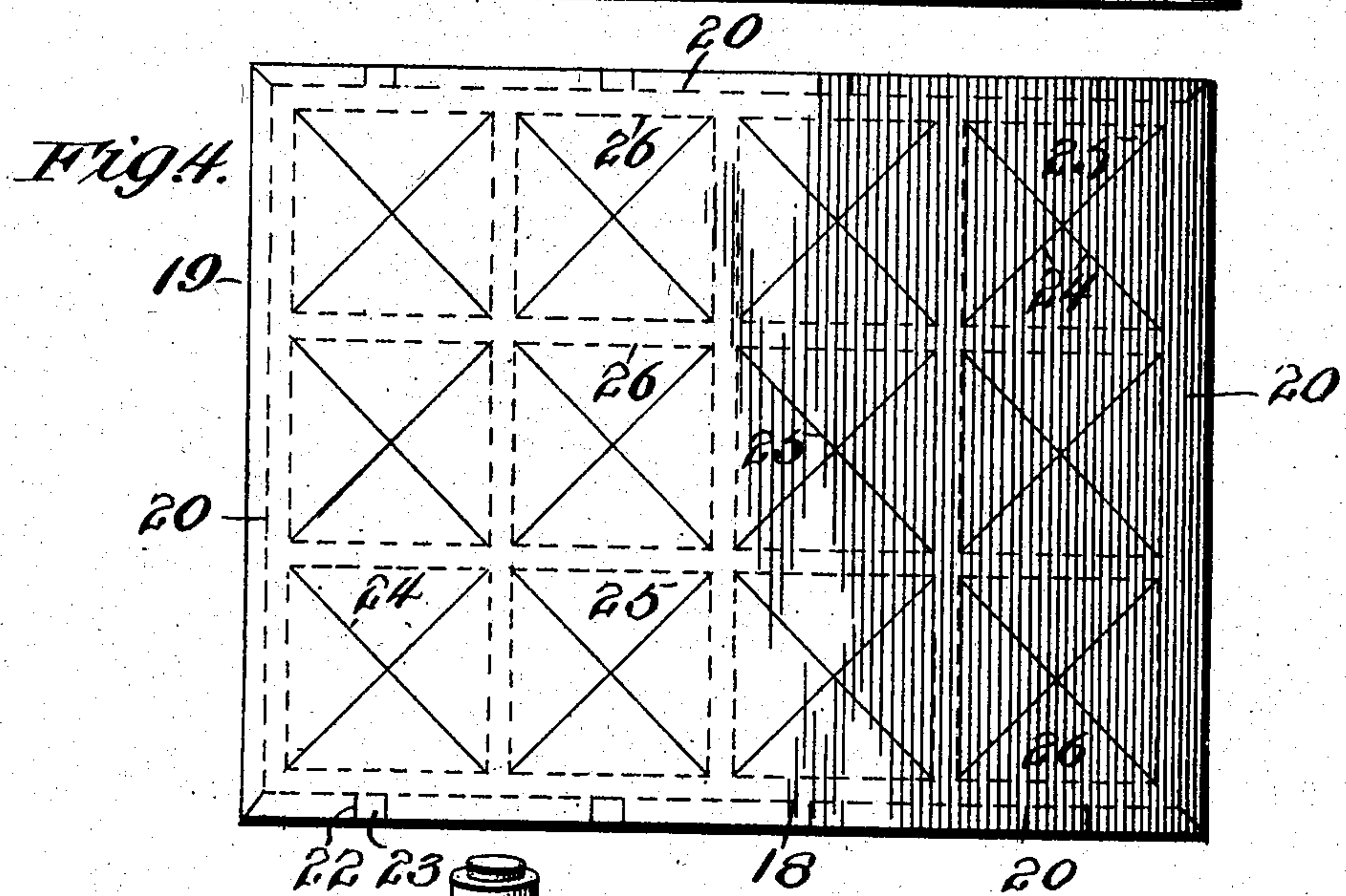
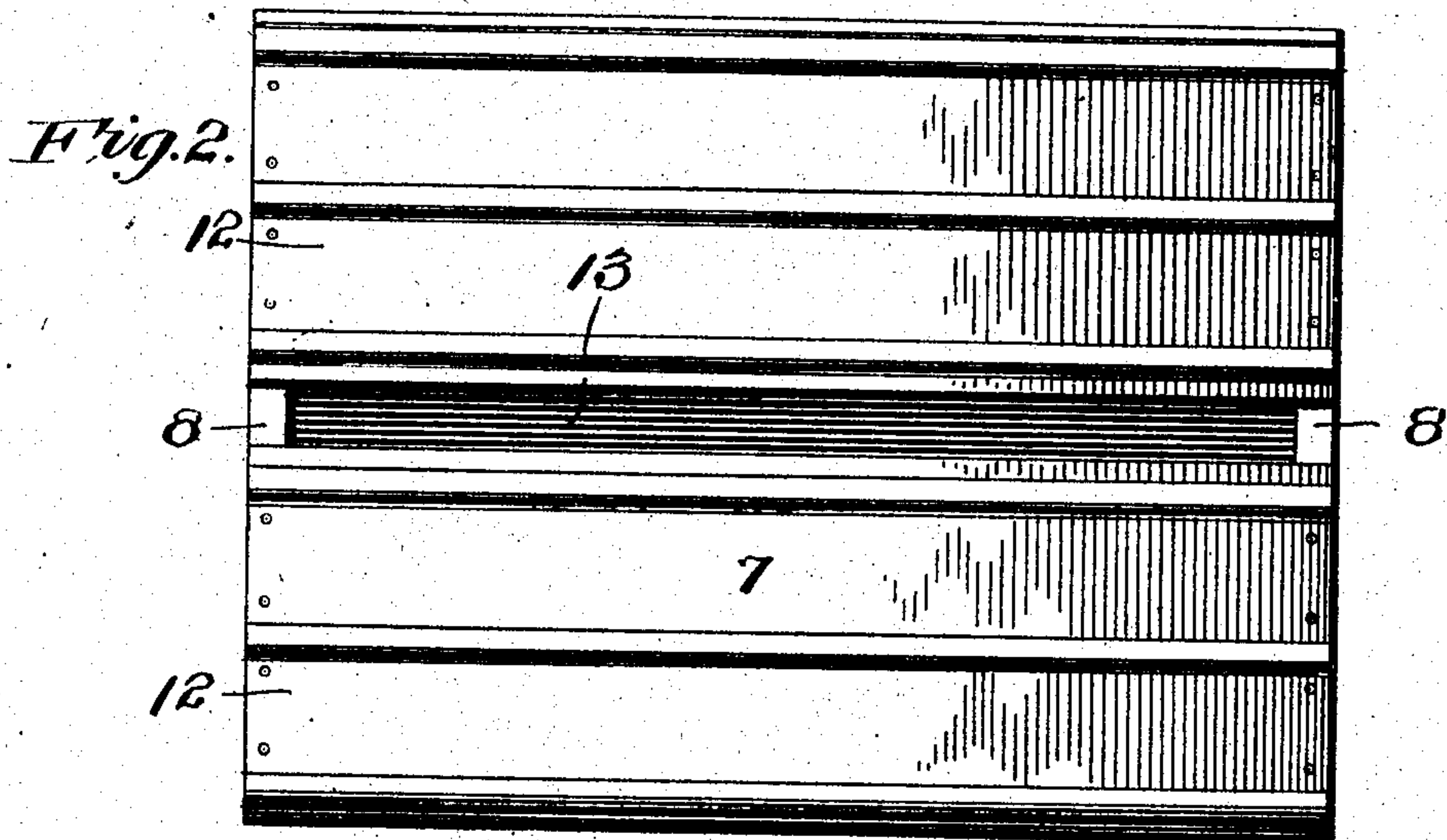


F. W. MOLITOR.
BOTTLE CASE.

APPLICATION FILED AUG. 23, 1904.

2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

FREDERICK WILLIAM MOLITOR, OF CLEVELAND, OHIO.

BOTTLE-CASE.

No. 795,998.

Specification of Letters Patent.

Patented Aug. 1, 1905.

Application filed August 23, 1904. Serial No. 221,879.

To all whom it may concern:

Be it known that I, FREDERICK WILLIAM MOLITOR, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented new and useful Improvements in Bottle-Cases, of which the following is a specification.

My invention relates to a packing box or case for bottles, and has for its object simplicity and durability of construction.

To this end the invention consists in an arrangement and combination of parts hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of the box. Fig. 2 is a bottom plan view thereof. Fig. 3 is a perspective view of a tray used in connection with the box. Fig. 4 is a plan view of the sheet from which the tray is made and showing the method of its construction. Fig. 5 is a detail in perspective, showing how the bottle is supported in the tray. Fig. 6 is a detail in section, showing how the tray is supported in the box.

Referring specifically to the drawings, 7 denotes the box, having wooden end walls 8, which are spaced by strips 9 extending therebetween at the top. The front and rear sides of the box are formed by nailing two sheets of corrugated metal 10 and 11, respectively, to the respective side edges of the end walls 8. These sheets are extended under the end walls, as at 12, to form the bottom of the box. It will be noted that the parts 12 do not join, a space 13 being left between the ends thereof, whereby a ventilation-slot is formed. A cover is shown at 14, this being also made of corrugated metal and hinged to the box, as at 15. The end walls 8 of the box have hand-holes 16 for convenience in lifting it. The holes 17 in the top and front sides of the box are for a seal-lock or other suitable device for locking the box.

At 18 is indicated a tray for supporting the bottles. This is made of a flat rectangular sheet 19 of suitable metal. The manner in which the tray is made is illustrated in Fig. 4. The edges are bent upwardly on the dotted lines 20 to form an upwardly-extending

flange 21. At intervals along two opposite sides the flange is slitted, as at 22, forming ears 23 for a purpose to be hereinafter described. The openings for the reception of the bottles are formed by cutting a series of diagonal slits 24 in the sheet and bending the flaps 25 thus formed downwardly on the dotted lines 26. The bottles are placed in the openings, as shown in Fig. 5. These openings are shown square; but the particular shape is immaterial, and they may be made round, if desired. The flaps 25 constitute a spring-support for the bottles, preventing injury thereto when handling the box. The tray is supported in the box a sufficient distance above the bottom thereof by extending the ears 23 through slits 27 in the sides of the box, as plainly shown in Fig. 6.

A box constructed as above described is strong, durable, and inexpensive and well serves the purpose for which it is intended. The bottles or similar receptacles can be safely shipped without danger of breaking.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination with a box having slitted side walls, of a bottle-supporting tray therein comprising a flat sheet having its edges bent to form upwardly-extending flanges, said flanges being slitted at intervals to form ears which are extended through the slits in the aforesaid walls for supporting the tray.

2. A box comprising wooden end walls; bars connecting said end walls at the top; two side pieces which comprise a corrugated metal sheet secured to the respective side edges of the end walls and extending under the bottom edges thereof to form a bottom, the ends of the sheet being spaced from each other to form a ventilation-slot in the bottom of the box.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FREDERICK WILLIAM MOLITOR.

Witnesses:

JOHN A. BOMMARDT,
LOTTIE NEWBURN.