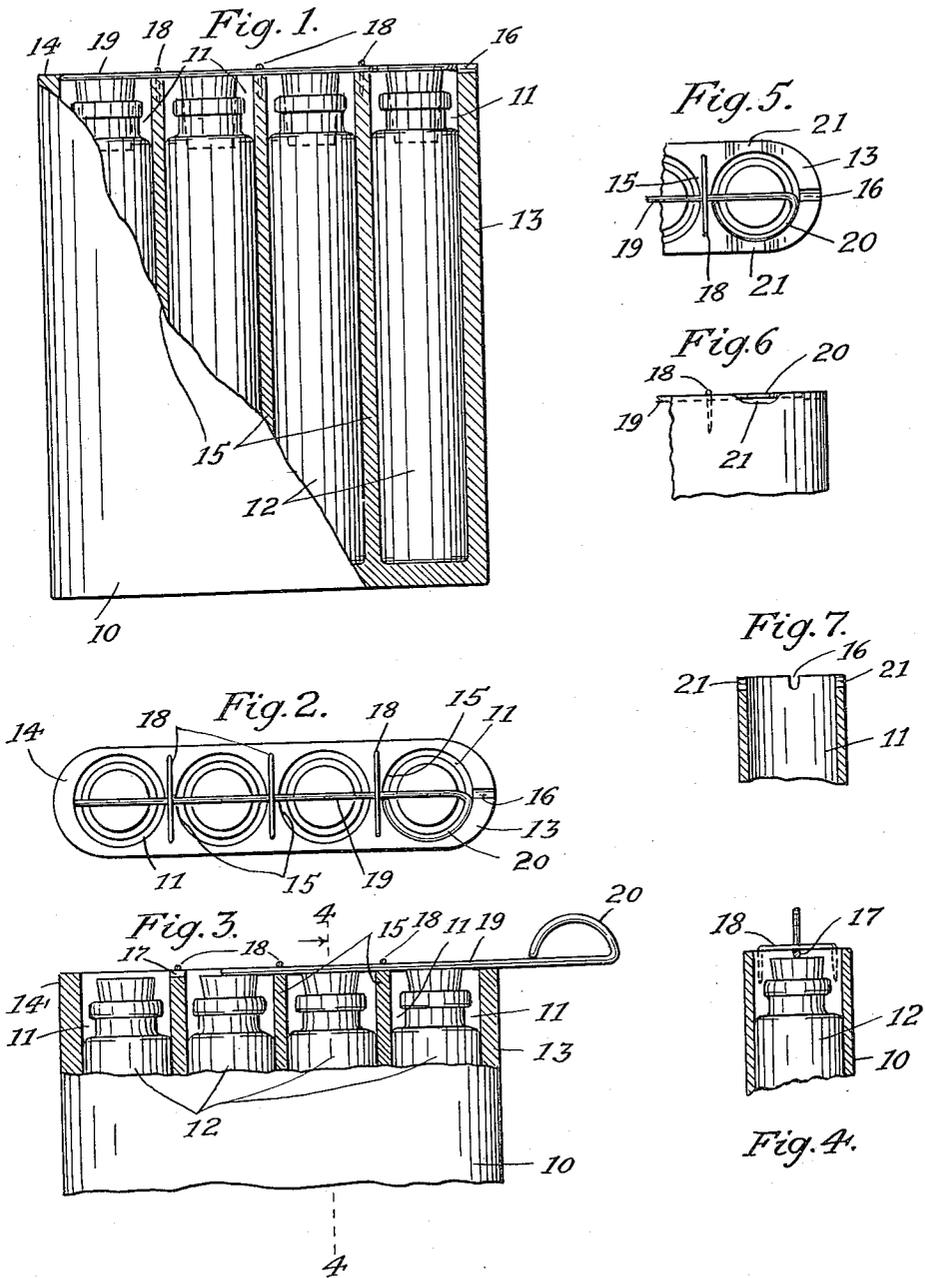


1,154,702.

Patented Sept. 28, 1915.



Witnesses:
Theo. Laqaard.
H. A. Bowman.

Inventor:
Gust Langseth.
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UNITED STATES PATENT OFFICE.

GUST LANGSETH, OF MINNEAPOLIS, MINNESOTA, ASSIGNOR TO WASHBURN-CROSBY COMPANY, OF MINNEAPOLIS, MINNESOTA, A CORPORATION.

BOTTLE-CASE.

1,154,702.

Specification of Letters Patent. Patented Sept. 28, 1915.

Application filed November 5, 1914. Serial No. 870,397.

To all whom it may concern:

Be it known that I, GUST LANGSETH, a subject of the King of Norway, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Bottle-Cases, of which the following is a specification.

My invention relates to bottle cases and has for its object to provide a simply constructed and efficient device for holding a plurality of containers such as bottles used in sampling flour or like material.

The full objects and advantages of my invention will appear in connection with the detailed description thereof and are particularly pointed out in the claims.

In the drawings, illustrating the application of my invention in one form,—

Figure 1 is a side view partly in section of my improved bottle case. Fig. 2 is a top plan view of the same. Fig. 3 is a side part sectional view of a portion of the case showing the manner of inserting the retaining pin. Fig. 4 is a section on line 4—4 of Fig. 3. Figs. 5, 6 and 7 are fragmentary views of an end pocket showing a slightly modified construction permitting easy access to the retaining pin.

As illustrated, a casing 10 is provided, preferably of an integral block of wood or similar material, in which a series of cylindrical receptacles 11 are provided, said receptacles receiving a like series of bottles 12, which bottles will have the corked ends thereof extending to a point near the plane of the top of the casing 10, as best shown in Figs. 2 and 3. The casing 10 will have end walls 13 and 14 and partition walls 15 intermediate the chambers 11. One of the end walls, as 14, is complete, the other end wall 13 being provided with a notch 16 in the top thereof extending in the diametrical line passing across the chambers 11. Similar notches 17 are formed in the upper edges of partition walls 15, all of said notches being in alinement along the said diametrical line. Wire staples 18 are driven into the casing across the centers of the partition walls 15, thus overlying the notches 17 in said walls. A retaining pin 19 is provided having a diameter equal to that of the notches 16 and 17. Said retaining pin is provided with a semicircular head 20 of a diameter such as to permit it to just fit with-

in the top of the first of the chambers 11, and the length of the pin is such that when the same is in position, as indicated in Figs. 1 and 2, the end of the pin will abut against end wall 14 and the semicircular head will fall within the top opening of the first of chambers 11. The pin is inserted and withdrawn through the slot 16, which, when the head 20 is turned upwardly in a vertical plane, as shown in Fig. 3, will permit said head to pass the slot 16, the pin may then be rotated to bring the semicircular head 20 within the mouth of the first chamber 11, whereby the pin will be locked in position on the bottle case and over the tops of all of the bottles, by which means said bottles are effectively secured in the case. To facilitate the ready rotation of the head 20, thumb notches 21 may be cut at the tops of the side walls of the first chamber 11, as indicated in Figs. 5, 6.

The simplicity and efficiency of my bottle case will be apparent. In practice the same will preferably be integrally formed of a small block of wood out of which the chambers 11 will be bored by auger or common boring machine. The slotting at the tops of walls 13 and 15 and the application of staples 18 may be readily accomplished, which with the pin 19 and semicircular locking head 20 provides an exceedingly efficient and easily applied means for retaining the sample bottles in the bottle case.

I claim:

1. A bottle case comprising an integral casing member having a series of bottle-holding compartments therein each opening through the end of the casing along a common diametrical line, a pin, and means for removably holding said pin along said diametrical line and above the bottles in the casing by means of which said bottles are secured in the compartments.

2. A bottle case comprising an integral casing member having a series of cylindrical bottle-holding compartments therein each opening through the end of the casing along a common diametrical line, a series of notches being formed in one end wall and the partition walls between said compartments along said diametrical line, retaining members secured to the partition walls above said notches, a pin insertible through said notches and beneath said retaining members for securing the bottles within the

case, and means for removably locking the pin in position.

3. A bottle case comprising an integral casing member having a series of cylindrical bottle-holding compartments therein each opening through the end of the casing along a common diametrical line, a series of notches being formed in one end wall and the partition walls between said compartments along said diametrical line, retaining members secured to the partition walls above said notches, a pin insertible through said notches and beneath said retaining members for securing the bottles within the case, and a semicircular head on said pin adapted to pass through said end notch and to fit within the mouth of the end compartment when the pin is rotated to lock the pin in position.

4. A bottle case comprising an integral casing member having a series of cylindrical bottle-holding compartments therein each

opening through the end of the casing along a common diametrical line, a series of notches being formed in one end wall and the partition walls between said compartments along said diametrical line, retaining members secured to the partition walls above said notches, a pin insertible through said notches and beneath said retaining members for securing the bottles within the case, and a semicircular head on said pin adapted to pass through said end notch and to fit within the mouth of the end compartment when the pin is rotated to lock the pin in position, the side walls of said end compartment being notched to provide access to said semicircular head.

In testimony whereof I affix my signature in presence of two witnesses.

GUST LANGSETH.

Witnesses:

F. A. WHITELEY,
H. A. BOWMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."