Dec. 28, 1926. 1,612,688

L. D. YOUNG

RING TRAY

Filed April 7, 1926

FIG. 1

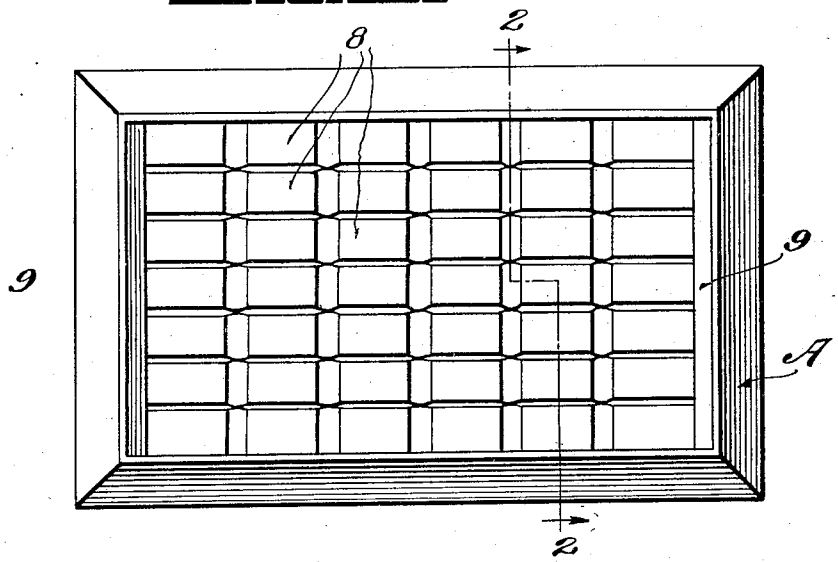


FIG. 2

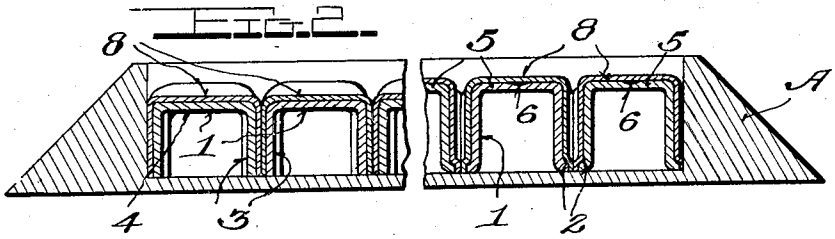


FIG. 3

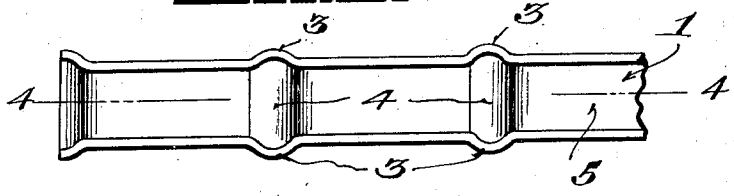
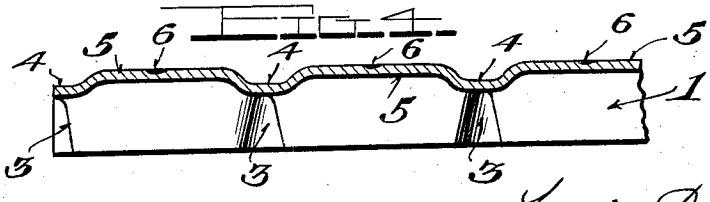


FIG. 4



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Patented Dec. 28, 1926.

1,612,688

UNITED STATES PATENT OFFICE.

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RING TRAY.

Application filed April 7, 1926. Serial No. 100,364.

This invention relates to certain new and useful improvements in ring trays and the primary object thereof is to provide improved means for simplifying and economizing the construction of the trays.

The invention more particularly aims to provide supporting or division bars which are constructed of paper and which dispense with the felt inserts common to the notched wood supporting or division bars heretofore employed.

In the drawings:—

Fig. 1 is a top plan view of the invention;

Fig. 2 is a section on line 2—2 of Fig. 1,

Fig. 3 is a bottom plan view of one of the divisional bars, and

Fig. 4 is a section on line 4—4 of Fig. 3.

In proceeding in accordance with the present invention, a tray A is employed having the usual bottom and side and end walls. The invention resides particularly in the paper supporting or division bars 1 which are of U-cross section or channel form. The sides of the bars have their free lower edges scored and turned outwardly at 2 to strengthen same and are formed with spaced outwardly struck vertical or lateral ribs 3. The ribs on opposite sides of the bars are in register and are connected by downwardly or inwardly struck ribs 4, the latter occurring on the tops of the bars and forming depressions in the latter. The tops of the parts 5 between adjacent ribs 4 are longitudinally curved and the centers of the parts 5 are formed with annular glue-spot receiving depressions 6. The ribs 3 are spaced at distances to receive the rings therebetween and due to the flexible properties of the paper or cardboard the sides of the parts 5 may readily give or flex, permitting insertion of the rings between adjacent sides of said parts so as to hold the rings by frictional engagement therewith. The inherent flexibility of the parts 5 enables elimination of the customary felt pieces heretofore employed so that not only is the cost of such pieces, but also the labor expense of attaching same, avoided.

The bars are arranged in parallel order and are covered along their sides and tops by the usual plush, velvet or other surfacing material 8, which is glued thereto, the ribs 3 of adjacent bars being in register and in abutting engagement. The ribs 3 thus serve to not only strengthen the paper bars but also afford spacing means therefor.

The customary finishing strips 9 are secured across the ends of the bars so as to provide a neat and finished appearance.

The bars may be made of paper, or paper pulp or fiber, and can be die-struck or molded, or may be formed of any material suitable for the purpose.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. In a ring tray, a tray member, division bars in the tray member each of U-cross-section having reinforced free bottom side edges and outwardly pressed spaced ribs extending transversely of their sides, the tops of the bars being formed with inwardly pressed ribs forming upwardly facing depressions, the tops of the bars between the side ribs being rounded and formed with central glue receiving depressions and a surfacing fabric secured over the sides and the tops of the bars, the side ribs of adjacent bars being in register with and abutting each other.

2. In a ring tray, a tray member, fibrous division bars in the tray member each of U-cross-section having reinforced free bottom side edges and outwardly pressed spaced ribs extending transversely of their sides, the tops of the bars being formed with inwardly pressed ribs forming upwardly facing depressions, and a surfacing fabric secured over the bars, the side ribs of adjacent bars being in register and abutting each other.

In testimony whereof I have signed my name to this specification.

LEWIS D. YOUNG.