April 23, 1935. J. C. REICH 1,998,737

CONTAINER

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Fig. 1

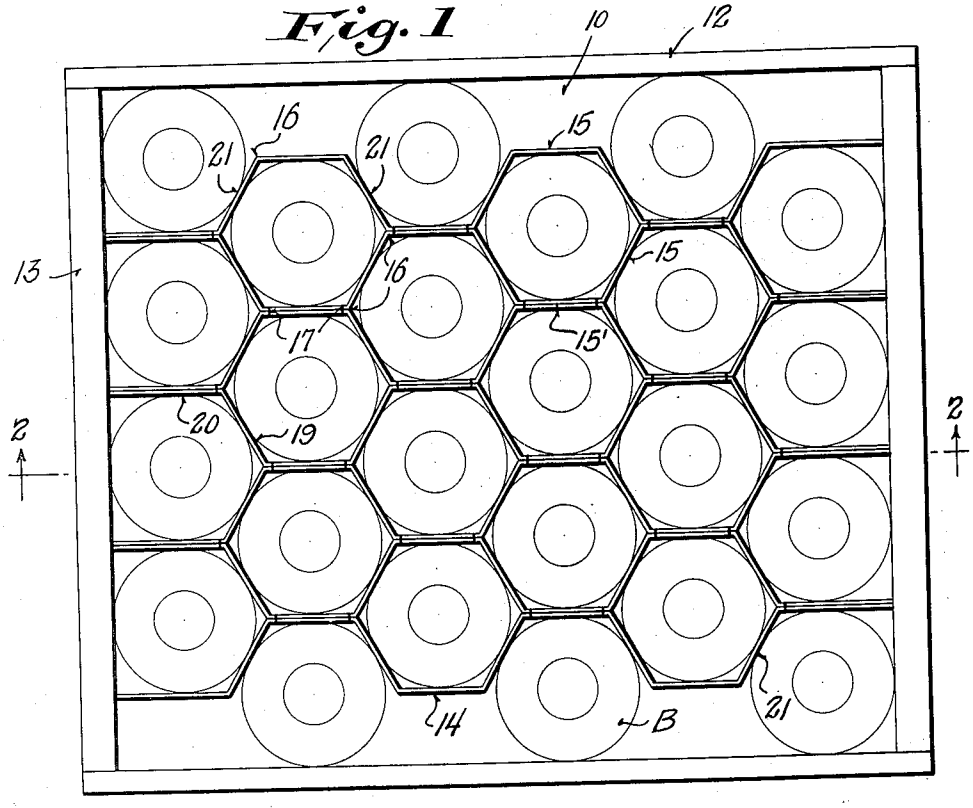


Fig. 2

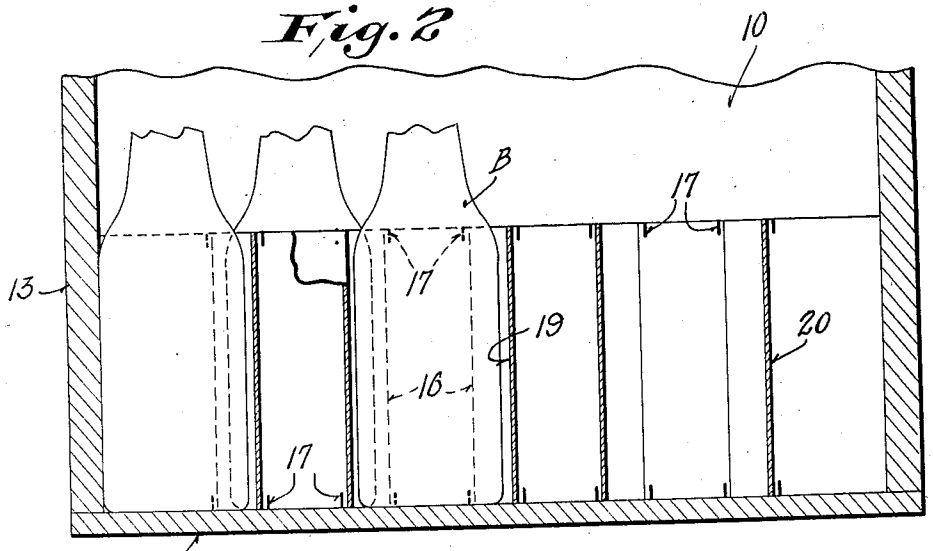
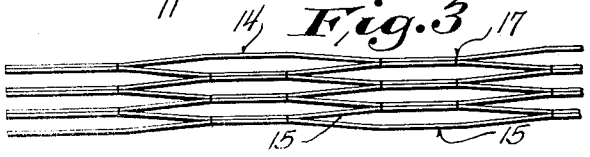


Fig. 3



INVENTOR
John C. Reich
BY Charles & French
ATTORNEYS

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Fig. 4

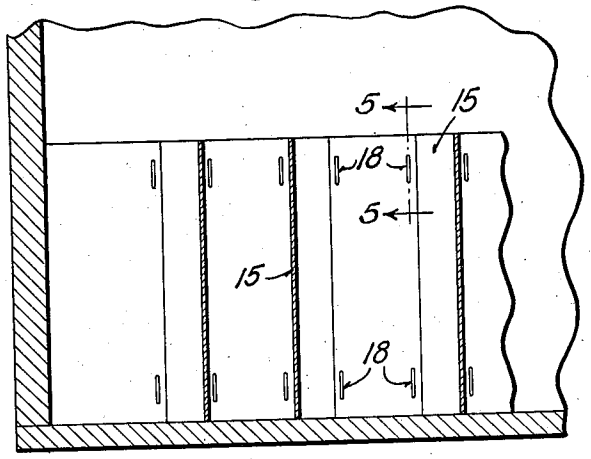


Fig. 5

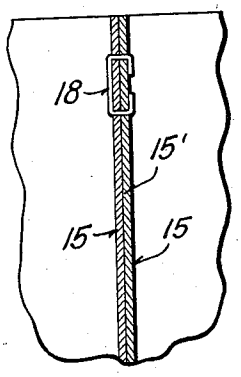


Fig. 6

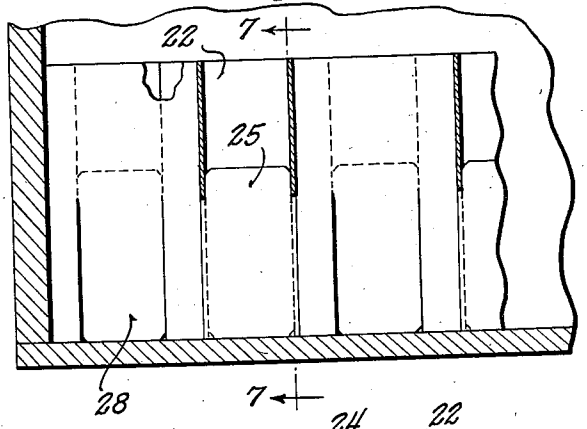
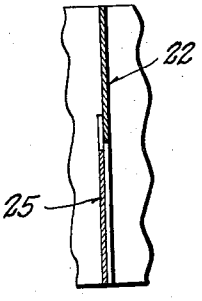


Fig. 7



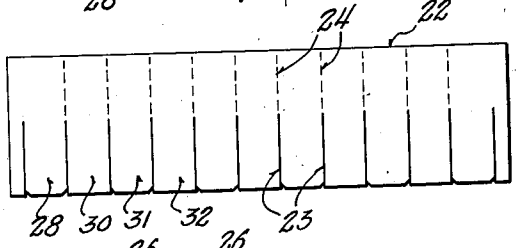


Fig. 8

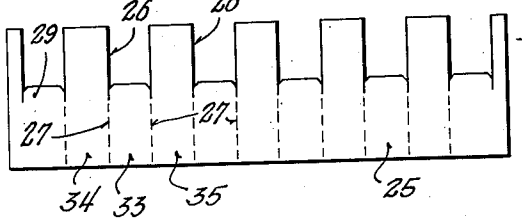


Fig. 9

INVENTOR
John C. Reich
BY Marles & French
ATTORNEYS

Patented Apr. 23, 1935 1,998,737

UNITED STATES PATENT OFFICE

1,998,737

CONTAINER

John C. Reich, Milwaukee, Wis., assignor to Pabst Corporation, Milwaukee, Wis., a corporation of Wisconsin

Application January 16, 1933, Serial No. 651,905

1 Claim. (Cl. 217—30)

The invention relates to containers and more particularly to those types of containers or cases provided with partitions for protecting and separating the articles disposed in such containers.

The general object of the invention is to provide a collapsible partition that may be readily placed in a carrying container or case and expanded to an operative position to serve as a spacer and protector of bottles or similar articles disposed in said case.

The invention further consists in the several features hereinafter set forth and more particularly defined by the claim at the conclusion hereof.

In the drawings, Fig. 1 is a plan view of a structure embodying the invention;

Fig. 2 is a detail sectional view taken on the line 2—2 of Fig. 1;

Fig. 3 is a detail plan view of the partition in a collapsed condition, parts being broken away;

Fig. 4 is a detail view similar to Fig. 2 showing certain modifications, parts being broken away;

Fig. 5 is a detail sectional view taken on the line 5—5 of Fig. 4;

Fig. 6 is a view similar to Fig. 2 showing another modification, parts being broken away;

Fig. 7 is a detail sectional view taken on the line 7—7 of Fig. 6;

Fig. 8 is an elevation view of one of the parts forming the partition shown in Fig. 6;

Fig. 9 is an elevation view of another of the parts forming the partition shown in Fig. 6.

Referring to the drawings, the numeral 10 designates a box, case or container having a bottom 11, side walls 12 and end walls 13 made of wood, or any other suitable material.

Referring to Figs. 1 to 5, the collapsible partition 14 is formed of a number of sheets or strips 15 of cardboard, fibreboard or other suitable somewhat flexible material. These partition members 15 are vertically scored on spaced lines 16 and adjacent members are secured together on their top and bottom portions either by stitching 17 shown in Figs. 1 to 3, or by staples 18 as shown in Figs. 4 and 5. The scoring lines 16 and the fastening means 17 or 18 are so located that when the members 15 are moved to expanded condition within the container as shown in Fig. 1, a plurality of hexagonal inner pockets 19, a plurality of end pockets 20 and a plurality of recesses or open pockets 21 at the two opposite corners of the case and between the partition and the side walls are provided for the bottles B. It is also to be noted that when the members 15 are fastened together a partition wall 15′ of double thickness between the bottles is provided. It is further to be noted that the bottles are efficiently held in the case and prevented from shifting relative to each other and that the bottles themselves hold the partition in expanded position.

In the form shown in Figs. 6 to 9 the partition members are joined together by interlocking connections between them to produce the same pocket arrangement as shown in Fig. 1 when in expanded condition and for this purpose alternate partition members 22, shown in Fig. 8, are provided with spaced slits or cuts 23 with score lines 24 extending from the inner of said slits, and the other partition members 25, shown in Fig. 9, are provided with spaced recesses 26 extending half way of the height of said member with score lines 27 extending from the sides of said recesses. Thus with this construction when the members 22 and 25 are slidably interlocked together, the flap 28 interlocks with the part 29 to form an end part similar to the double walled end part shown in Fig. 1, the scored portions including the flaps 30, 31 and 32 form three of the hexagonal sides of an inner pocket, the flap 31 interlocking with the part 33 of an adjacent member 25 to form a reinforced wall part. Thus the inner flaps of the member 22 are arranged in sets of three to form a half of the hexagonal pocket and the medial flap interlocks with the medial part 33 which with the parts 34 and 35 forms the other three sides of the next inner pocket. When the parts forming the partition are assembled together they will appear substantially as the first described form shown in Fig. 3 when in collapsed condition.

In each of the forms of the present invention it will be noted that some of the walls forming the partition are reinforced by double thicknesses of material.

I desire it to be understood that this invention is not to be limited to any particular form or arrangement of parts except in so far as such limitations are included in the claim.

What I claim as my invention is:

A collapsible partition for containers comprising a plurality of partition members, alternate partition members being scored to provide a plurality of panels and being cut along the score lines substantially half way to provide flaps, the other partition members being scored to provide similar spaced panels and having alternate panels recessed, the recessed panels of said last named partition members having interlocking engagement with the similarly spaced flaps forming parts of the panels of said first named partition members.

JOHN C. REICH.