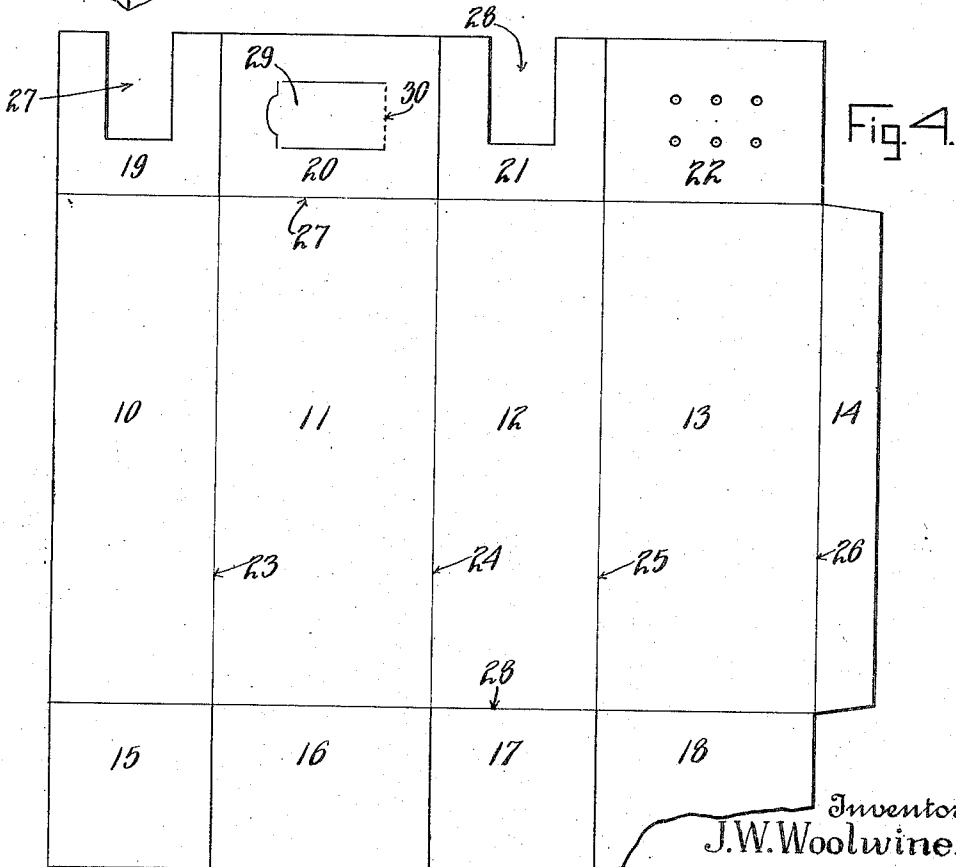
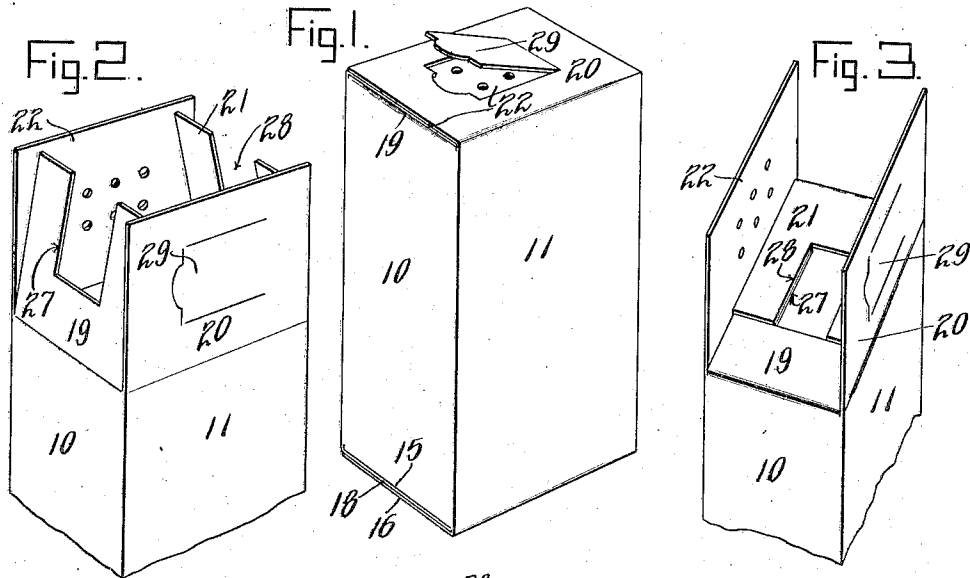


J. W. WOOLWINE.
 CARTON.
 APPLICATION FILED APR. 23, 1918.

1,303,138.

Patented May 6, 1919.



By

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UNITED STATES PATENT OFFICE.

JOSEPH W. WOOLWINE, OF MEMPHIS, TENNESSEE.

CARTON.

1,303,138.

Specification of Letters Patent.

Patented May 6, 1919.

Application filed April 23, 1918. Serial No. 230,330.

To all whom it may concern:

Be it known that I, JOSEPH W. WOOLWINE, a citizen of the United States, residing at Memphis, Shelby county, and State of Tennessee, have invented and discovered certain new and useful Improvements in Cartons, of which the following is a specification.

My said invention consists in an improved construction of cartons designed especially for packing spices and other powdered products and adapted not only for containing said products during the transportation, display and sale thereof, but also during the process of using, the carton being constructed so that the contents may be sifted therefrom without opening any part of the package other than a small portion covering one end through which the sifting or discharge is made, all of which will be hereinafter more fully described and claimed.

Referring to the accompanying drawings which are made a part hereof, and on which similar characters indicate similar parts, Figure 1 is a perspective view of the carton constructed in accordance with my said invention with all parts closed except the flap covering the sifter or perforated section which is slightly raised to show the construction clearly.

Fig. 2, a perspective view of the top of the carton showing the method of beginning folding the several sections or flaps comprising the top.

Fig. 3, a similar view showing the folding operation more nearly completed, and

Fig. 4, a view showing the blank as it is cut and creased preparatory to folding.

Said blank is of pasteboard or other suitable material and comprises several sections with creases or scores formed between them as is usual. The several sections are designated by the reference numerals 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 and 22. Creases are formed along lines 23, 24, 25, 26, 27 and 28.

In forming the box or carton the blank is first folded along the lines 23, 24, 25 and 26,

into a rectangular structure. The flap 14 on section 13 overlaps, preferably on the inside, the outside edge of section 10 and is secured thereto by glue or other adhesive. Sections 15 and 17 are then folded one over the other and sections 16 and 18 folded, in turn, on the outside of sections 15 and 17, thus forming a bottom to the carton composed of four thicknesses of the pasteboard and these are secured by interposing glue or other suitable adhesive.

Sections 19 and 21 of the top are then folded one on top of the other with the slots or recesses 27 and 28 thereof registering one with the other. Section 22 containing the perforations is then folded over on top of said sections 19 and 21, the sections being glued together, and then section 20 containing the flap 29 is folded outside and secured to the others around its edges by glue or other adhesive material.

This form of carton is very rigid, durable and convenient for use. The contents are deposited therein before the top of the carton composed of sections 19, 20, 21 and 22 is closed. When it is desired to use the contents it is only necessary to lift the flap 29, which is severed from the section 20 on three sides and left in piece with section 20 at a point along line 30, which forms a hinge for the purpose. This flap is cut at the same time the blank is cut by an appropriate die. The contents can be readily sifted through the perforations in section 22 and then protected by closing the flap 29, which will stay closed by reason of its close fit in the recess formed therefor.

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

A carton for containing powdered material and adapted both for storage and using purposes composed of a single sheet of material cut and scored to form the sides, bottom and top of the carton when folded to position, the top of said carton comprising sections on opposite sides adapted to lap one upon the other and formed with centrally

registering openings, and other sections adapted to fold at right angles over said first sections, one formed with perforations to register with the openings of the first
5 named sections and the outside section with a hinged flap adapted to cover and close said perforations, substantially set forth.

In witness whereof I have hereunto set

my hand and seal at Memphis, Tennessee, this 18th day of April, A. D. nineteen hundred and eighteen. 10

JOSEPH W. WOOLWINE. [L. s.]

Witnesses:

J. A. COVINGTON,
JOHN W. FARLEY.