March 26, 1935. J. W. JANZEN 1,995,569

CUPBOARD WITH DRAWERS

Filed Jan. 6, 1932

Fig. 1.

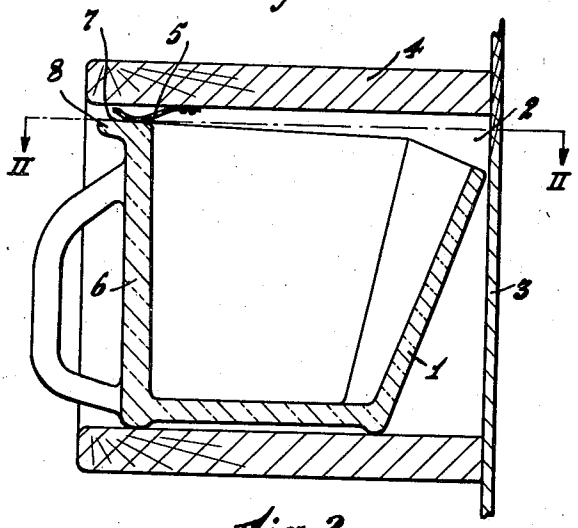
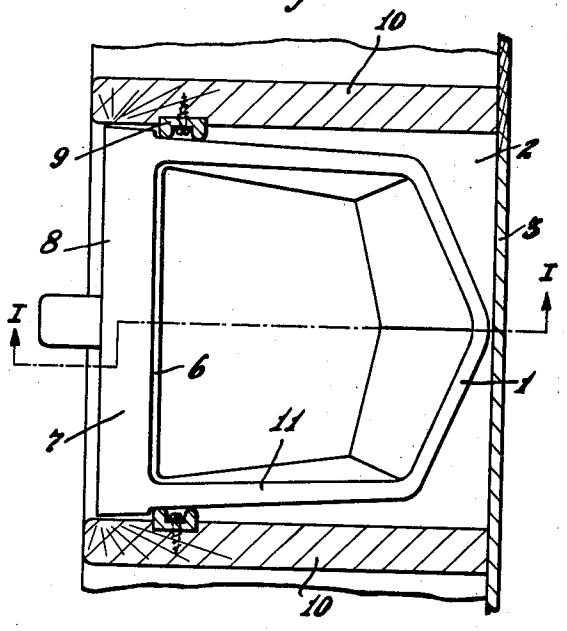


Fig. 2.



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CUPBOARD WITH DRAWERS

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Application January 6, 1932, Serial No. 585,077
In Germany January 16, 1931

1 Claim. (Cl. 312—149)

The invention relates to a cupboard with drawers tightened towards the exterior by inclined surfaces. The invention has for its object to obtain in cupboards of this type a satisfactory and reliable tightening against air or vapours tending to flow in from the exterior when the drawers are closed, so that the drawers may be used successfully for preserving foodstuffs as e. g. sugar, salt, flour, coffee-beans, etc., or spices, chemicals, etc.

As is known said drawers may be spout-shaped at the front end for the purpose of pouring out the contents.

According to the invention the inclined surfaces operating as wedges at the upper edge of the front wall and at the lateral walls bear directly against resilient tightening ledges, consisting of springs, rubber strips, or the like.

The direct cooperation between the wedge-shaped surfaces and the resilient tightening ledges not only affords a reliable tightening but also a satisfactory everlasting closure, that is to say, that the drawer after having been closed will not be urged back from the closing position. The direct cooperation of the upper edge of the front wall with the resilient tightening ledge requires said upper edge itself to be wedge-shaped in order to obtain the desired tightening operation. In drawers of glass or another material adapted to be brought into the required shape by a press-molding process it is advantageous to provide the upper edge of the front wall with an outwardly bent enlarged edge enabling the drawer to be easily made in a press.

The drawing illustrates the invention by way of example.

Fig. 1 is a section on the line I—I in Fig. 2 and Fig. 2 is a section on the line II—II in Fig. 1 of a part of a cupboard with drawers according to the invention in which the drawers are spout-shaped.

For the sake of simplicity the drawing shows only one compartment with container of a cupboard with drawers. The container 1 is spout-shaped in a manner known in itself and is open at the top so that the contents may be poured out. For the purpose of tightening the container in the compartment 2 of the cupboard 3 a leaf-spring 5 is secured to the lower side of the top wall 4 of the compartment 2, which spring tightens against the upper edge of the front wall of the container 1. In order to obtain a satisfactory tightening the front wall 6 is provided at the top with a wedge-like bevelled tightening surface 7, facilitating at the same time the closing of the container.

The upper edge of the front wall 6 is further angularly extended, so that at 8 an enlarged edge is formed. It appears further from Fig. 2 that the lateral tightening of the container 1 is obtained by means of tightening ledges 9 which may be made of rubber, leather or some other suitable material, and may be screwed to the inner side of the inner walls 10 of the compartment 2. The outer side walls 11 of the container 1 against which the rubber ledges are bearing tightly, are wedge-shaped so that a satisfactory tightening and an easy pushing in of the container is ensured. At the bottom a sufficient tightening is generally obtained by the dead weight of the container.

If necessary similar tightening means may be used also here.

The leaf-spring 5 might also be substituted by a tightening ledge, made of rubber, while the ledges 9 might as well be replaced by a leaf-spring.

What I claim is:

In a cupboard, a compartment having a substantially rectangular opening at the front of said cupboard, a resilient strip secured to the underside of the front part of the top wall of the compartment, resilient strips secured to the inner faces of the side walls of the compartment at the front part thereof, a container in said compartment, said container having a substantially rectangular front wall the upper edge of which is extended to provide a flange, the upper surface of said wall and flange being inclined inwardly and downwardly, the side edges of said wall being extended to provide inwardly and rearwardly tapering portions, said container having inwardly and rearwardly converging side walls and a pouring spout at its rear portion, said first-mentioned resilient strip bearing against the upper surface of the front wall and flange and said side tapering portions of the front wall bearing against the resilient strips on the side walls, whereby entrance of dust into the compartment is prevented.

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