Dec. 24, 1929. R. L. BOURKE ET AL 1,741,008

PROVISION CABINET

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Fig. 10.

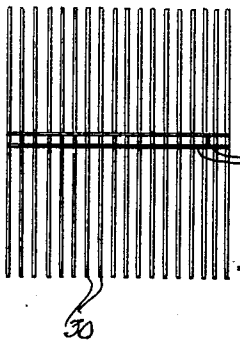


Fig. 1.

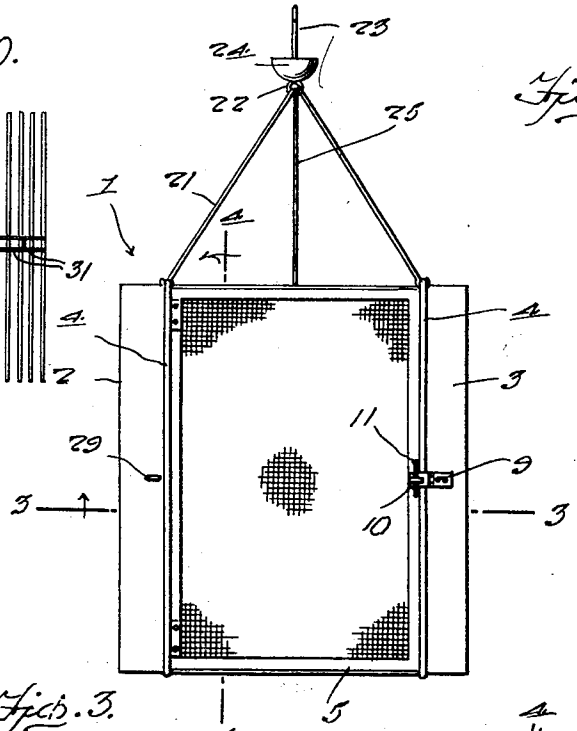


Fig. 3.

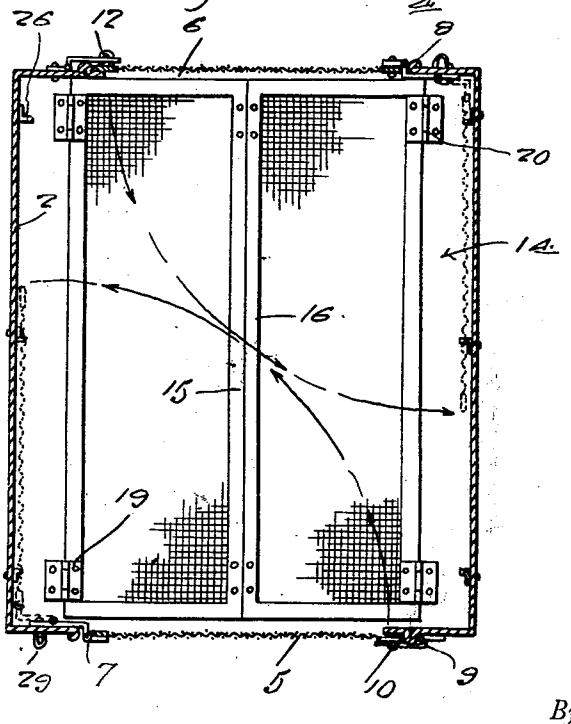
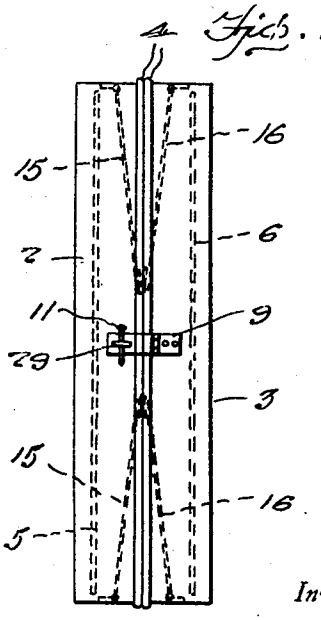


Fig. 7.



Inventors

R. L. Bourke

H. C. Anderson

By Clarence A. O'Brien

Attorney

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PROVISION CABINET

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Fig. 2.

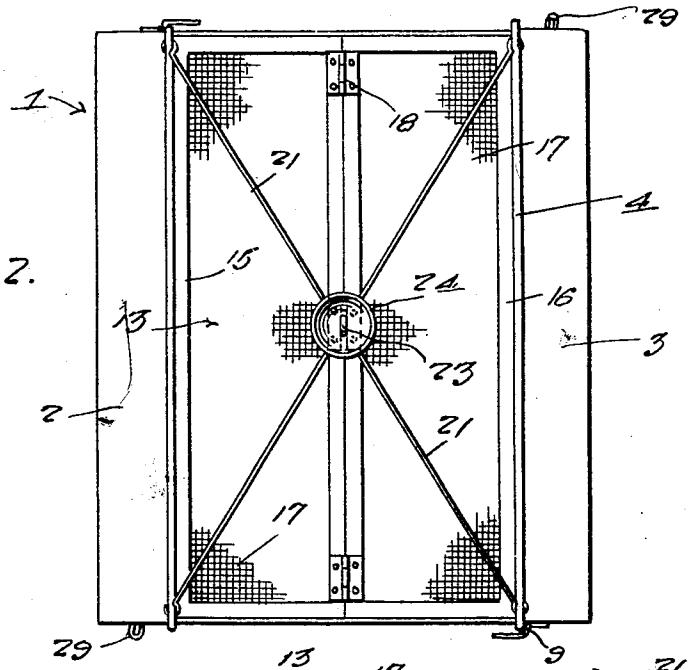
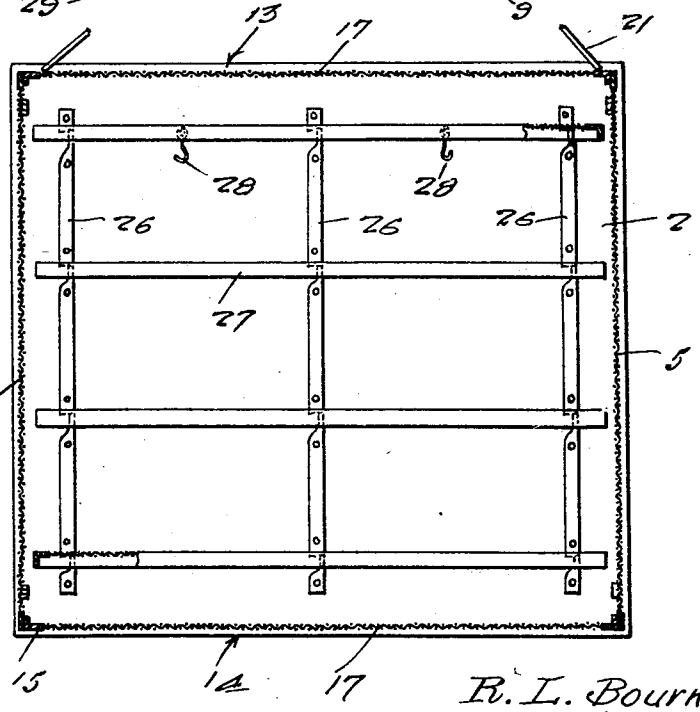


Fig. 4



Inventors

R. L. Bourke

A. C. Anderson

By Clarence A. O'Brien

Attorney

Dec. 24, 1929. R. L. BOURKE ET AL 1,741,008

PROVISION CABINET

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Fig. 6.

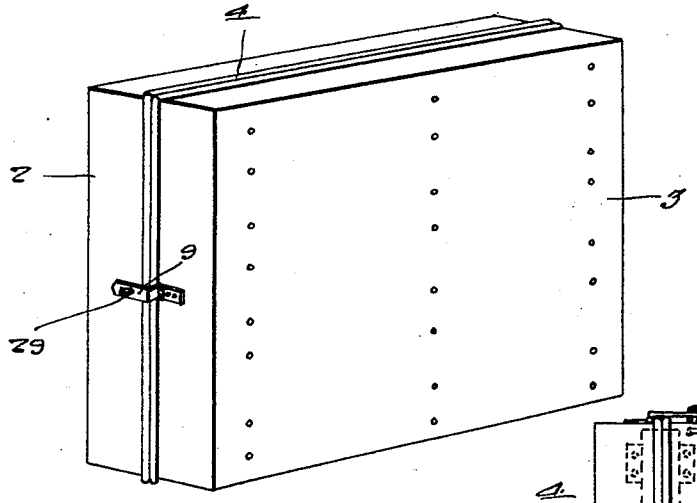


Fig. 5.

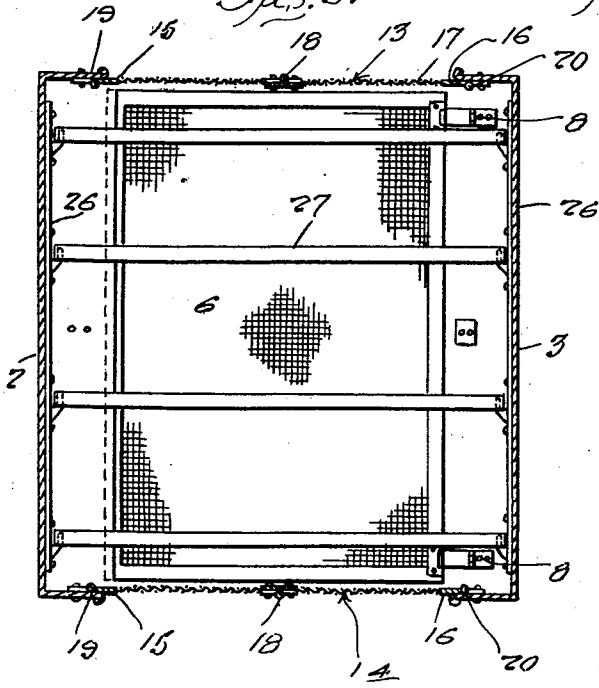


Fig. 8.

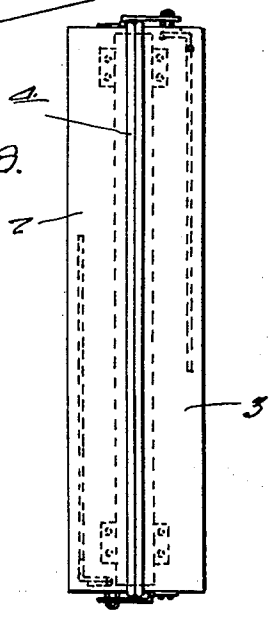
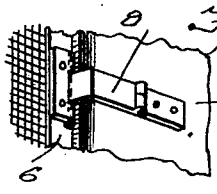


Fig. 9.



Inventors

R. L. Bourke

A. C. Anderson

By Clarence A. O'Brien

Attorney

Patented Dec. 24, 1929 1,741,008

UNITED STATES PATENT OFFICE

RUSSELL L. BOURKE AND ALEXANDER C. ANDERSON, OF PETALUMA, CALIFORNIA

PROVISION CABINET

Application filed April 28, 1928. Serial No. 273,627.

The present invention relates to improvements in provision cabinets, and has for its principal object to provide a collapsible structure that can be readily and easily assembled for use, and when disassembled or collapsed will provide a compact device that can be stored away, without occupying any considerable amount of space.

One of the important objects of the present invention is to provide a provision cabinet that includes a pair of complementary units that are maintained in spaced relation with respect to each other, by inwardly folding screen top and bottom sections as well as inwardly swinging screened front and rear sections, thus permitting the cold air to readily circulate through the cabinet for keeping the meat and food in proper condition in the cabinet, when the latter is in use.

A still further object is to provide a collapsible provision cabinet of the above mentioned character that includes removable shelves, means being arranged within the complementary units for supporting the shelves in proper position when the cabinet is assembled, a double hinge being employed as a part of the cabinet construction to facilitate inward and outward swinging movement of the several swinging portions of the cabinet.

A still further object of the invention is to provide a foldable or collapsible provision cabinet of the above mentioned character, which is simple in construction, strong and durable, and further well adapted for the purpose for which it is designed.

Other objects and advantages of the invention will become apparent as the nature of the invention proceeds and when taken in connection with the accompanying drawings.

In the accompanying drawings, forming a part of this application and in which like numerals designate like parts throughout the several views:

Figure 1 is a front elevation of the provision cabinet embodying our invention showing the same assembled for use.

Figure 2 is a top plan view thereof.

Figure 3 is a horizontal section taken substantially on the line 3—3 of Figure 1, looking in the direction of the arrows, the shelves not being shown.

Figure 4 is a vertical section taken substantially upon the line 4—4 of Figure 1.

Figure 5 is a similar section taken at right angles to Figure 4.

Figure 6 is a detail perspective view of the provision cabinet showing the same in its folded or collapsed position.

Figure 7 is a front elevation thereof.

Figure 8 is a top plan view.

Figure 9 is a fragmentary detail perspective view of one of the double hinges, and

Figure 10 is a top plan view of the type of shelf used to hang pieces of meat in a suspended manner in the cabinet for drying purposes.

In the drawings, wherein for the purpose of illustration is shown the preferred embodiment of our invention, the numeral 1 designates generally our improved provision cabinet, the same including the complementary units 2 and 3 respectively. Each of these units is of substantially rectangular formation and is constructed of metal. Furthermore, each unit is of box-like construction, the open sides of the box like units being arranged in face to face relation. A reinforcing bead 4 extends around the edges of the sides of each unit at the open inner side thereof.

The cabinet further includes the provision of front and rear screened sections 5 and 6 respectively, each of which is of rectangular shape, for disposition between the front and rear sides of the units 2 and 3 in the manner as clearly shown in the drawings. Each of the aforementioned front and rear sections comprises an angle iron frame and wire mesh material is secured on the inside of the frame to cover the opening thereof, in any appropriate manner.

The front section 5 is hingely connected, at one side of the adjacent side of the unit 2, by means of a double hinge member shown generally at 7, and a pair of such hinges are employed to permit the front section 5 to swing either inwardly or outwardly with

respect to the cabinet when the latter is in its assembled condition.

The rear section 6 is operatively connected to the diagonally opposite side of the unit 3, by the double hinge members 8, whereby said rear section is also capable of inward and outward swinging movement. A pivoted hasp 9 is secured on the front side of the unit 3, for cooperation with a keeper 10 carried by the adjacent portion of the free edge portion of the front section 5 and a suitable pin 11 provides a means for securing the front section in position between the units 2 and 3, against swinging movement. A similar arrangement is associated with the free edge portion of the rear section 6 and the adjacent side of the unit 2, as shown generally at 12, in Figure 3, for securing the rear section against swinging movement, and when the parts are thus arranged, said front and rear sections 5 and 6 will maintain the units 2 and 3 in proper spaced relation with respect to each other.

The cabinet further includes the provision of sectional top and bottom forming members, designated generally by the numerals 13 and 14 respectively. The top as well as the bottom comprises a pair of angle iron frames 15 and 16 respectively, that are each covered with wire mesh material, shown at 17. The inner opposed longitudinal edges of these frames are hingedly connected together as shown at 18, while the outer side edges of the frames of each of the top and bottom members are hingedly connected to the top and bottom sides of the complementary units 2 and 3, as at 19 and 20, respectively, and this feature is more clearly disclosed in Figure 3 of the drawings.

By arranging the hinges in the manner as shown in the drawings, it will be readily obvious that the hingedly connected frames 15 and 16 of both the top and bottom members will swing inwardly and will be disposed in a collapsed position. However, when the sections of the top and bottom members are disposed in an extended horizontal position, they cooperate with the front and rear sections 5 and 6 to properly maintain the units 2 and 3 in spaced relation so that a cabinet of relatively large size is formed.

Suitable suspension rods 21 are connected at their lower ends to the beaded edges of the top sides of the units 2 and 3 adjacent the outer ends thereof, these suspension rods gradually converging toward their upper ends and being connected at their upper ends to the eye portion 22, of a suspension hook 23, and arranged on the shank of this suspension hook is an ant proof water cup 24. This suspension hook may be suspended from a nail or other suitable supporting element arranged in any appropriate place preferably outside of a window.

A central suspension rod 25 that is attached at its upper end to the eye 22, is detachably connected at its lower end to the central portion of the sectional top 14, whereby to prevent the accidental inward folding of the sectional top.

Secured to the inner face of the outer side of each unit are the parallel spaced vertically arranged shelf supporting bars designated by the numeral 26.

These bars are arranged in pairs and are adapted to support the removable shelves 27, in the manner as more clearly disclosed in Figure 4, said shelves being arranged in vertical spaced relation with respect to each other. Each shelf is of substantially rectangular shape and comprises an angle iron frame, covered with wire mesh material. The uppermost shelf may be provided with suspension hooks 28, whereby to suspend pieces of meat therefrom, if desired.

When the parts are arranged as shown in Figures 1 to 5 inclusive, the cabinet is in its assembled condition, and access to the shelves may be had from either the front or rear side of the cabinet and by constructing the front and rear sides of the cabinet as well as the top and bottom sections thereof with rectangular frames covered with wire, cold air will be permitted to circulate through the cabinet to keep the meat or other food placed on the shelves in the cabinet in proper condition.

When not in use, the shelves 27 are removed and the pins associated with the locking elements 9 and 12 respectively are removed, so that the front and rear doors may be swung inwardly to the position shown in dotted lines in Figure 3, and this is accomplished by reason of the double acting hinges 7 and 8. The front and rear door sections will then be disposed against the sides of the respective units. The central suspension rod 25, as well as the other rods 21 are disengaged at their lower ends and then the sectional top and bottom members are folded inwardly to the position shown in the dotted lines in Figure 7 and this will result in the units 2 and 3 being brought together in abutting relation with respect to each other and the units may then be secured together in this position by passing the locking pins through the keepers 29, that are arranged on the front and rear sides of the units 2 and 3, respectively, and which keepers cooperate with the hasps as shown very clearly in Figures 6, 7 and 8 of the drawings.

In this manner, the cabinet can be folded into a compact structure that will not occupy any considerable amount of space, and furthermore the cabinet can be readily and easily set up in position for use, whenever necessary.

In Figure 10 there is shown a plan view of the type of shelf used in lieu of the shelves 27 when meat is to be hung in a suspended

manner for drying in the cabinet. This shelf consists of a plurality of spaced rods 30 connected together at their intermediate portions by the cross rods 31. The pieces of meat are to be strunk on the rods 30.

A provision cabinet of the above mentioned character can be manufactured at a very low cost and will at all times be strong and durable.

While we have shown the preferred embodiment of our invention, it is to be understood that minor changes in the size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention and claims.

Having thus described our invention, what we claim as new is:

1. In a folding provision cabinet of the class described, a pair of spaced complementary units, front and rear door sections arranged between the spaced units and adapted for inward and outward swinging movement with respect thereto, sectional top and bottom members hingedly secured at their outer edges to the tops and bottoms of the respective units, the inner opposed edges of the sections of each of the top and bottom members being hingedly secured together to permit inward folding of said sectional top and bottom members, suspension means for the cabinet, and shelves removably arranged in said cabinet.

2. In a folding provision cabinet of the class described, a pair of box like complementary units, the open sides thereof facing each other, screened front and rear doors arranged between the spaced units and being capable of inward and outward swinging movement, screened sectional top and bottom members arranged between the top and bottom portions of the respective units and hingedly secured at their outer edges to the respective units, the inner opposed edges of the sections of each top and bottom member being hingedly connected in such a manner as to permit the inward folding of the sections, whereby the units may be brought together in abutting relation.

In testimony whereof we affix our signatures.

RUSSELL L. BOURKE.
ALEXANDER C. ANDERSON.