Feb. 2, 1926. 1,571,896

J. A. ANDERSON

COMBINED CHINA CLOSET, BUFFET, AND EXTENSION TABLE

Filed Jan. 2, 1925 3 Sheets-Sheet 1

Fig. 1.

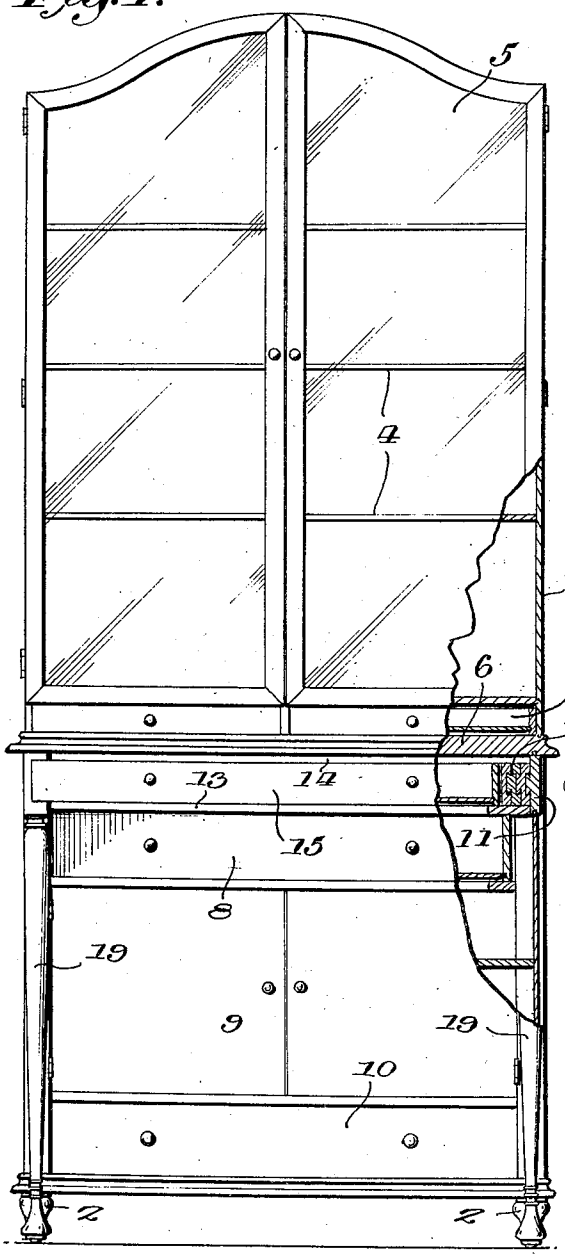
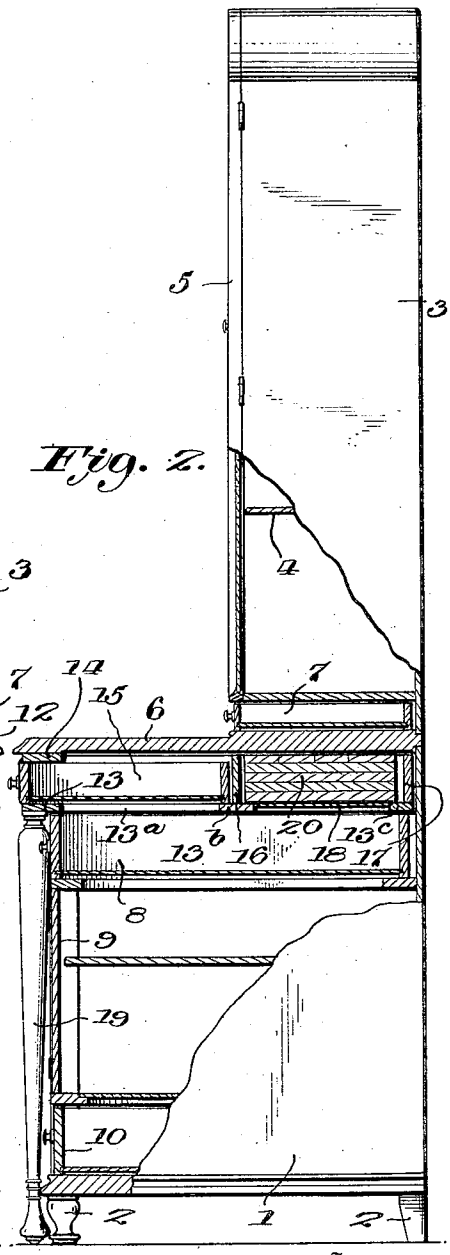


Fig. 2.



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Fig. 3.

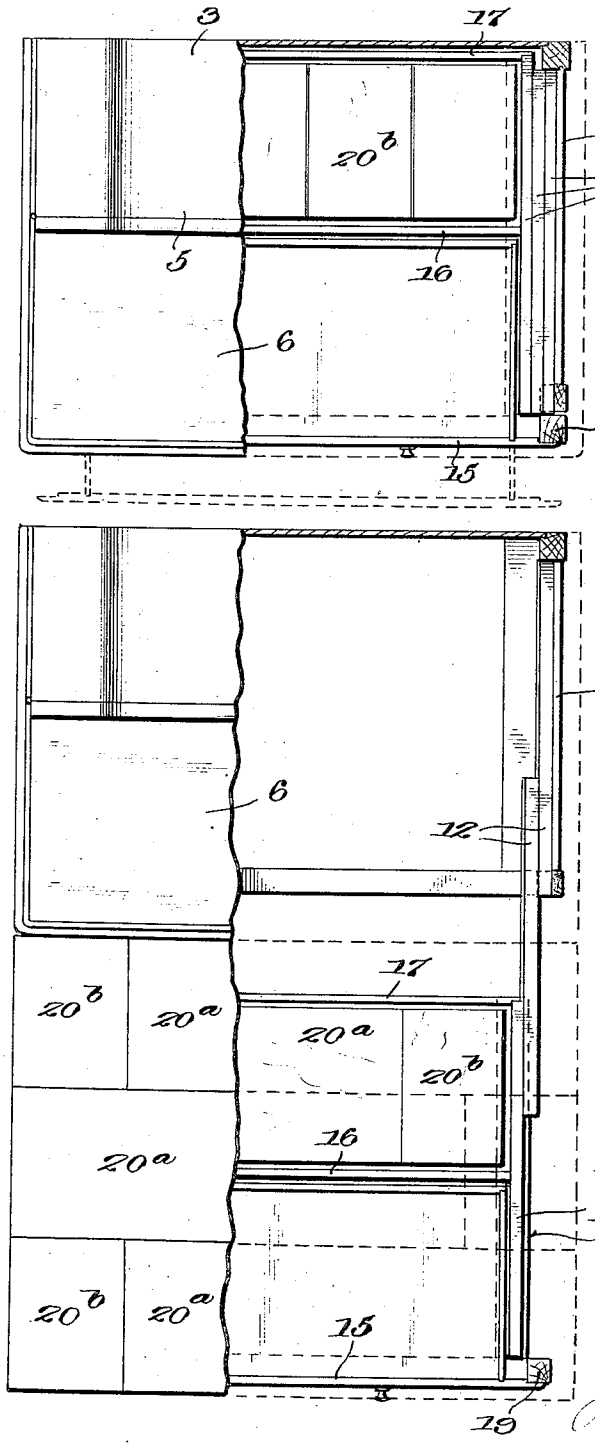
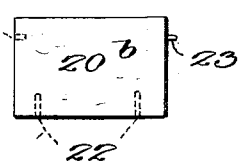


Fig. 5.



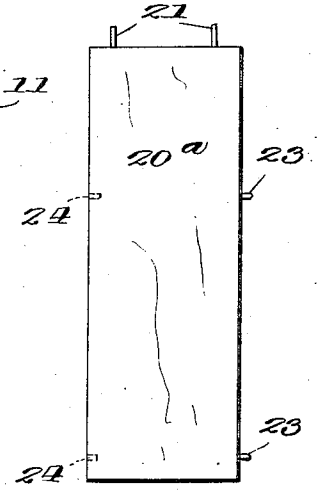


Fig. 4.

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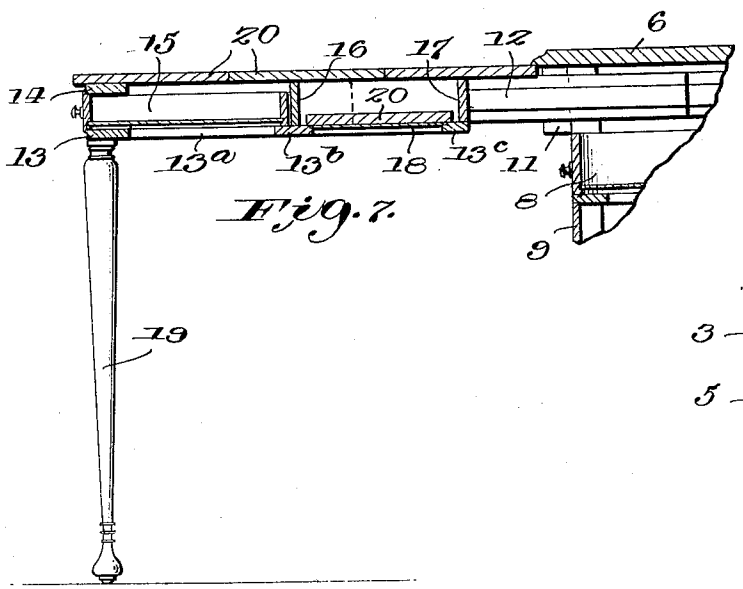
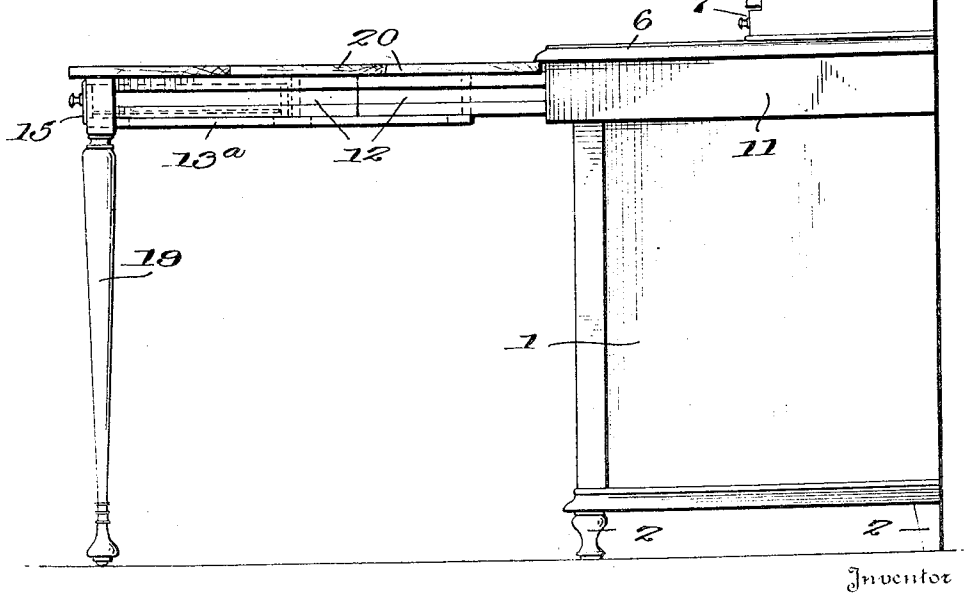


Fig. 7.

Fig. 6.



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UNITED STATES PATENT OFFICE.

JAMES A. ANDERSON, OF GRAND RAPIDS, MICHIGAN.

COMBINED CHINA CLOSET, BUFFET, AND EXTENSION TABLE.

Application filed January 2, 1925. Serial No. 142.

To all whom it may concern:

Be it known that I, JAMES A. ANDERSON, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Combined China Closet, Buffet, and Extension Table, of which the following is a specification.

This invention relates to combination furniture, and more particularly to a combined extension table and china closet and buffet.

The general object of the invention is to provide, in connection with a piece of furniture of the type ordinarily known as a kitchen cabinet, an extension table which may be used as a dining table and which may be completely housed within the cabinet when not in use. Such an arrangement is especially desirable for use as a breakfast set, and may conveniently be placed in a kitchen, pantry, or breakfast alcove. The purpose is, of course, to provide a compact combination article which will economize space.

Other and more specific objects of the invention will appear from the following description.

In order that the invention may be readily understood, reference is had to the accompanying drawings, forming part of this specification, and in which:—

Figure 1 is a front elevation of my improved piece of furniture, parts being broken away;

Figure 2 is a side elevation thereof, showing the table in its closed or stored position, parts being in section;

Figure 3 is a plan view of the article as shown in Figure 2, parts being broken away to show the construction;

Figure 4 is a similar plan view, but illustrating the table in its extended or operative position;

Figure 5 is a view showing my improved sectional table leaf;

Figure 6 is a side elevation similar to Figure 2, but showing the table in its extended position corresponding with Figure 4; and

Figure 7 is a central vertical section through the extended table and associated parts.

Referring to the drawings in detail, my improved piece of furniture is in the general shape of what is commonly known as a kitchen cabinet and comprises a relatively deep base portion 1, supported on suitable feet 2, and a relatively shallow and tall upper portion 3, having shelves 4 and provided with a pair of hinged glazed doors 5. Between the upper and lower portions of the cabinet is the usual table top 6, and a pair of shallow drawers 7 may be mounted to slide just above this top and below the upper part of the cabinet.

The lower portion of the cabinet may contain upper and lower drawers 8 and 10, for the reception of table linen and the like, and between these drawers may be provided a compartment having one or more shelves and equipped with a pair of hinged doors 9. This constitutes a cupboard.

Housed between the upper drawer 8 and the fixed table top 6 are the slide rails of my improved extension table. The cabinet itself is provided at each side with relatively heavy members or rails 11, secured to the top 6 and furnished on their inner sides with dove-tailed tongues. These tongues are adapted to fit within similarly shaped grooves formed in sectional extension slides 12, three of such sections being shown in Figures 1 and 4. It is not necessary to describe in further detail the construction of these dove-tailed extension slides, since they are similar to those commonly employed in connection with extension tables.

Each slide section 12 is of a length substantially equal to the depth of the lower portion 1 of the cabinet, and secured to the innermost pair of slide sections is a frame consisting of upper and lower front cross bars 13 and 14, side bars 13^a and middle and rear cross bars 13^b and 13^c (see Figures 2 and 7.) This frame, therefore, is rigidly connected to and moves with the innermost pair of slides 12. Fitting between the upper and lower front cross bars 13 and 14 is a drawer 15, which may be used for kitchen utensils or table ware. This drawer slides upon the above described frame and may be opened or shut at will, regardless of whether the extension table is in its open or closed position. The drawer 15 extends for only approximately half the depth from front to back of the lower portion of the cabinet, however, and immediately behind this drawer and of substantially the same height is a compartment formed by transversely extending boards 16 and 17, and provided with a bottom 18. This compartment is designed

to contain the table leaves 20, used to form the extension table, as will hereinafter more fully appear.

Secured to the front corners of the frame 13, 14, etc., above described, are a pair of supporting legs 19, which legs, when the slides are in closed position, abut against the vertical front wall of the lower part of the cabinet, as shown in Figures 1 and 2, and when the slides are extended, as shown in Figs. 6 and 7, these supporting legs 19 are spaced from the cabinet. It may be pointed out that the drawers, such as 8, 10 and 15, above mentioned, are arranged, of course, to slide between the legs 19, and these legs are so positioned as not to interfere with the opening of the doors 9. Thus, all of the doors and drawers are accessible whether the table is closed or extended.

It will be obvious that when the slides 12 have been extended as far as desired, as many of the leaves 20 as are required are removed from the compartment in which they are stored and placed upon the extension slides, as shown in Figures 6 and 7, to form a table.

By reference to Figure 4, however, it will be clear that the length of the table leaves 20 are substantially the same as that of the table top 6. In order to make it possible to store these leaves within the compartment or receptacle carried between the innermost slides 12, as above described, it is necessary to divide each leaf transversely into two sections 20^a and 20^b. These sections may be hinged together, but preferably are entirely separable, as shown in Figure 5, the sections being united by means of suitable pins 21, carried by one section, engaging sockets 22, formed in the other section. In assembling the sectional leaves to form the table top, the long and short sections are preferably arranged alternately on opposite sides, as shown in Figure 4, so as to break joints. The usual dowel pins 23 and sockets 24 are formed in the sides of the table leaves to insure perfect alinement when they are assembled.

Preferably the long and short sections of each leaf are so proportioned that the long section is substantially equal in length to that of the compartment in which they are stored while the short section is a substantially exact fraction of the length of the long section. Thus, in the embodiment illustrated in the drawings, the short section is illustrated as being approximately one-fourth the length of the long section. Therefore, in storing the leaves in the storage compartment, four long sections may first be laid, one above the other in the compartment, and then the four short sections may be laid side by side on top of the uppermost long section. This makes it possible to pack the extension leaves in an exceptionally compact manner. In Figure 3, the short sections 20^b are shown as they appear when stored on top of the pile of long sections, and in Figure 2, I have illustrated in the storage compartment four long sections and one layer of short sections on top thereof.

Any desired number of sectional leaves and of slides may, of course, be employed, and when an extra long table is desired, it is only necessary to make the storage compartment of somewhat greater depth. From the above, it will be seen that I have provided a piece of combination furniture combining within itself all of the advantages of the usual kitchen cabinet or china closet and extension table, and it will be particularly observed that by the expedient of dividing the extension leaves transversely into two sections, as described, I am enabled to provide an extension table of the full width of the fixed table top of the cabinet, while at the same time making it possible to store the extension leaves entirely within the cabinet when not in use.

What I claim is:—

1. In an extension table, a fixed table top and supporting means therefor, pairs of extension slides housed beneath said fixed table top, a plurality of separable leaves adapted to cooperate with said slides to form an extension table, and a compartment carried wholly by and movable with the inner pair of said slides, in which compartment said leaves may be stored when not in use.

2. In an extension table, a fixed table top and supporting means therefor, extension slides housed beneath said fixed table top, a cross-bar connecting said slides, a drawer working above said cross-bar and between said slides, leaves adapted to co-operate with said slides to form an extension table, and a compartment between said slides adjacent said drawer in which said leaves may be stored.

3. In an extension table, a fixed table top and supporting means therefor, extension slides housed beneath said fixed table top, a cross-bar connecting said slides, a drawer working above said cross-bar and between said slides, leaves adapted to co-operate with said slides to form an extension table, and a compartment between said slides adjacent said drawer in which said leaves may be stored, said drawer and compartment being carried by and movable bodily with said slides.

4. The combination with a cabinet having a fixed table top, front wall, and supporting means at each side thereof, of a pair of extension slides carried by said cabinet beneath said table top, and movable out through the front wall thereof, a pair of supporting legs secured to the outer ends of said slides, a drawer slidably mounted

between said legs and having its face normally substantially flush therewith and with the front edge of said fixed table, leaves adapted to co-operate with said slides to form an extension table, and a compartment between said slides behind said drawer, in which compartment said leaves may be stored when not in use.

5. In an extension table having a pair of slides, a set of separate, detached leaves adapted to rest thereon, and a storage compartment carried by and between said slides, each leaf having a length greater than its width and being divided transversely of its length into two separable sections of unequal size, the larger section being but slightly shorter than said compartment so as to just fit within the same, and the smaller section being an even fraction of the length of the other, whereby said leaves may be stacked in said compartment in superposed relation, with a plurality of small sections arranged end to end, in a single layer, thus compactly filling said compartment.

In testimony whereof I affix my signature.

JAMES A. ANDERSON.