Aug. 9, 1938. F. HOLLWAGER 2,126,330

COMBINATION CUPBOARD AND TABLE

Filed April 8, 1937

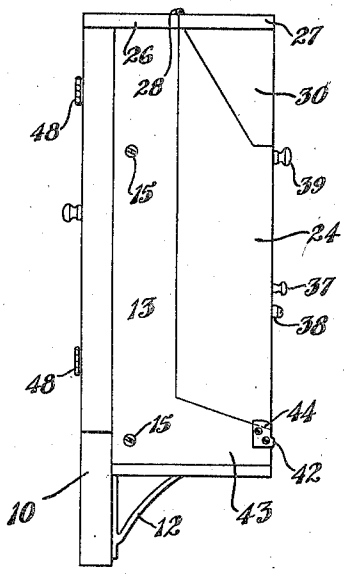


Fig. 2

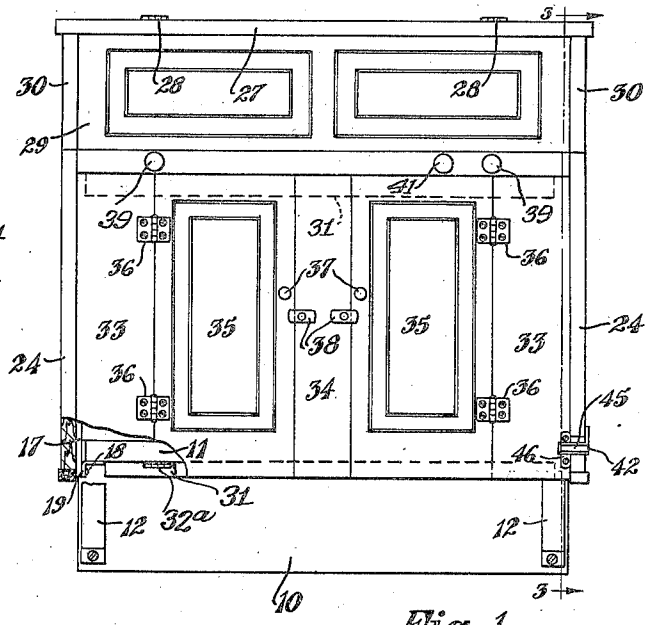


Fig. 1

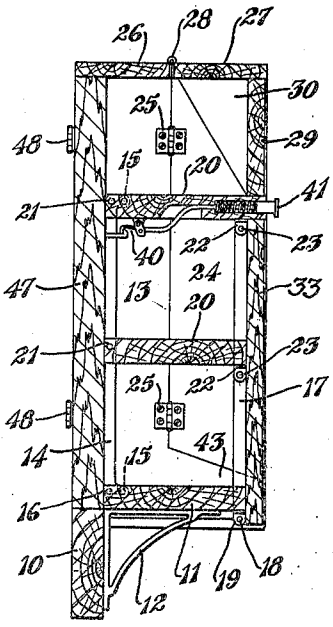
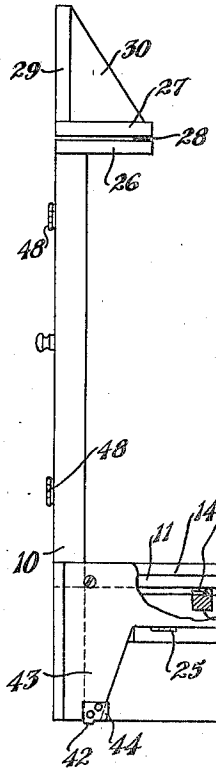


Fig. 3



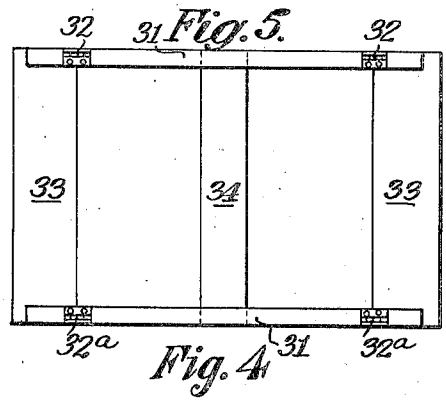


Fig. 5.

Fig. 4

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COMBINATION CUPBOARD AND TABLE

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1 Claim. (Cl. 312—2)

The invention relates to a combined shelf cupboard and table so arranged that it is quickly and easily convertible from a cupboard to a table or vice versa and so constructed that when in use as either a cupboard or a table it may be converted to the other position without the necessity of removing dishes or other articles which may be upon the shelves of the cupboard or upon the top of the table, as the case may be.

A further object is to provide an article of the character referred to so constructed that when converted to form a cupboard, both the back and front of the shelves are covered and provided with doors which may be opened to obtain access to the articles upon the shelves.

The above objects together with others which will be apparent from the drawing and the following description or which may be later referred to may be attained by constructing the combined cupboard and table in the manner illustrated in the accompanying drawing, in which

Figure 1 is a front elevation of the invention showing the structure converted into form of a cupboard;

Fig. 2, a side elevation in the position shown in Fig. 1;

Fig. 3, a vertical sectional view taken as on the line 3—3, Fig. 1;

Fig. 4, a side elevation of the device converted into a table; and

Fig. 5 is a detached detail elevation of the rectangular hinged frame which forms the front of the cupboard, viewed from the inside of the cupboard, and with the doors removed therefrom.

Similar numerals refer to similar parts throughout the drawing.

The improved structure to which the invention pertains may be supported upon a back board **10** which may be attached to a wall or other vertical support. The horizontally disposed board **11** which forms the lowermost shelf of the cupboard is rigidly connected to the back board **10** and may be supported thereon as by the brackets **12**.

Each of the side walls **13** has fixed to its inner side a metal plate or bar **14** connected at its upper and lower ends to the side wall as by the screws **15**. The lower end of each of these metal plates or bars is pivotally connected to the rigid lower shelf **11** as at **16**.

A pair of metal plates or bars **17**, similar to and parallel with the bars or plates **14**, is provided. These plates or bars **17** are pivotally connected at their lower ends, as indicated at **18**, to brackets **19** fixed to the underside of the rigid shelf **11** at each end thereof.

Any desired number of shelves **20**, depending upon the height of cupboard and width of table desired, may be uniformly spaced above the stationary shelf **15** and pivotally connected at their rear edges to the plates or bars **14**, as indicated at **21**, and provided at their forward edges with depending brackets **22** by means of which they may be pivoted to the bars or plates **17**, as indicated at **23**.

Each of the side walls **13** of the cupboard may have a hinged section **24** hingedly connected to the section **13** as by the hinges **25** and so arranged that it may be folded inward for a purpose to be later described.

The top of the cupboard comprises a board **26** fixed to the back board **10** and of a width substantially the width of the side walls **13**, and a hinged section **27** hingedly connected to the board **26** as by the hinges **28** and having a front wall **29** fixed to its forward edge and adapted to rest upon the top of the uppermost shelf **20** when the device is converted into a cupboard. Triangular side walls **30** may be fixed to the hinged top and front walls **27** and **29** respectively and adapted to fit the inclined upper ends of the hinged side sections **24** as best shown in Figs. 2 and 3.

A horizontal frame member **31** is hingedly connected to the uppermost shelf **20** as indicated at **32** and a similar frame member **31** is hingedly connected to the fixed bottom shelf **11** as indicated at **32a** and have fixed thereto the spaced front boards **33** and **34** forming an open rectangular frame within which may be hingedly mounted doors **35** as by the hinges **36**, to give access to the shelves when the device is converted into a cupboard.

Suitable knobs **37** may be provided upon the doors and any suitable latching or locking means, as indicated at **38** for normally holding the doors in closed position. Knobs **39** may be provided upon the front edge of the uppermost shelf **20** for pulling the shelves outward and downward to convert the device to a table. Any suitable latching means as shown at **40** may be provided and operated as by the push button **41** for holding the shelves in raised position when the device is converted to a cupboard, as best shown in Fig. 3.

Brackets **42** may be attached to the lower forwardly projecting portions **43** of the side walls **13** and provided with the plates **44** adapted to overlap the ends of the hinged side sections **24** and with fingers **45** adapted to overlap the front boards **33** when the device is converted to a cupboard, wear plates **46** preferably being provided

upon said front boards for contact with said fingers.

If desired, a door **47** may be provided in the back wall **10**, being connected thereto as by the hinges **48** so that access may be had to the device from either side thereof. For instance, the back wall **10** may be mounted upon a wall between a kitchen and a dining room so that access may be had to the shelves of the cupboard from either room or, when the device is converted into a table, dishes or other articles may be placed upon or removed from the table from either room.

When it is desired to convert the device to a table, the hinged top section **27—29—30** is swung upward and backward to the position shown in Fig. 4. Then the button **41** may be pressed, releasing the latch **40** and by pulling outward upon the knobs **39** the entire structure is swung down to the position shown in Fig. 4, the shelves **11—20—20** being arranged in juxtaposition in a horizontal plane forming a table top.

This may be accomplished even though dishes or other articles are resting upon the several shelves of the cupboard as the shelves do not move out of horizontal position as they are moved from the position shown in Fig. 3 to that shown in Fig. 4. If it is desired to sit at the table the hinged end sections **24** may be swung upward into horizontal position to provide knee room. In Fig. 4 it will be seen that the nearest hinged section **24** is thus swung up into horizontal position while the farthest section **24** remains in normal position.

To convert the device into a cupboard it is only necessary that the shelves and the parts supporting the same be pushed back against the back wall and when they reach the limit of their movement in this direction the latch **40** will automatically lock the parts in this position, after which the hinged top section may be swung back to normal position to cover the uppermost shelf **20**.

I claim:

A combination cupboard and table comprising a fixed vertical back member, a horizontal bottom shelf fixed to said back member, spaced parallel pairs of rear and front bars, the lower ends of the rear bars being pivotally connected to the rear corner portions of the fixed shelf and the lower ends of the front bars being pivotally connected beneath the front corners of the fixed shelf, and spaced shelves pivotally connected at their rear corners to the rear bars and pivotally connected beneath their front corners to the front bars and so positioned that they may be swung outward away from said back member and located in juxtaposition to each other in a horizontal plane in which position the rear bars will rest upon the front bars to support the shelves in horizontal position and side walls fixed at their rear edges to the rear bars, the forward portions of the side walls being hinged so as to swing upward beneath the shelves when said shelves are located in a horizontal plane.

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