

Jan. 6, 1931.

E. P. BYRNES

1,788,082

DISPLAY CABINET

Filed Oct. 18, 1928

2 Sheets-Sheet 1

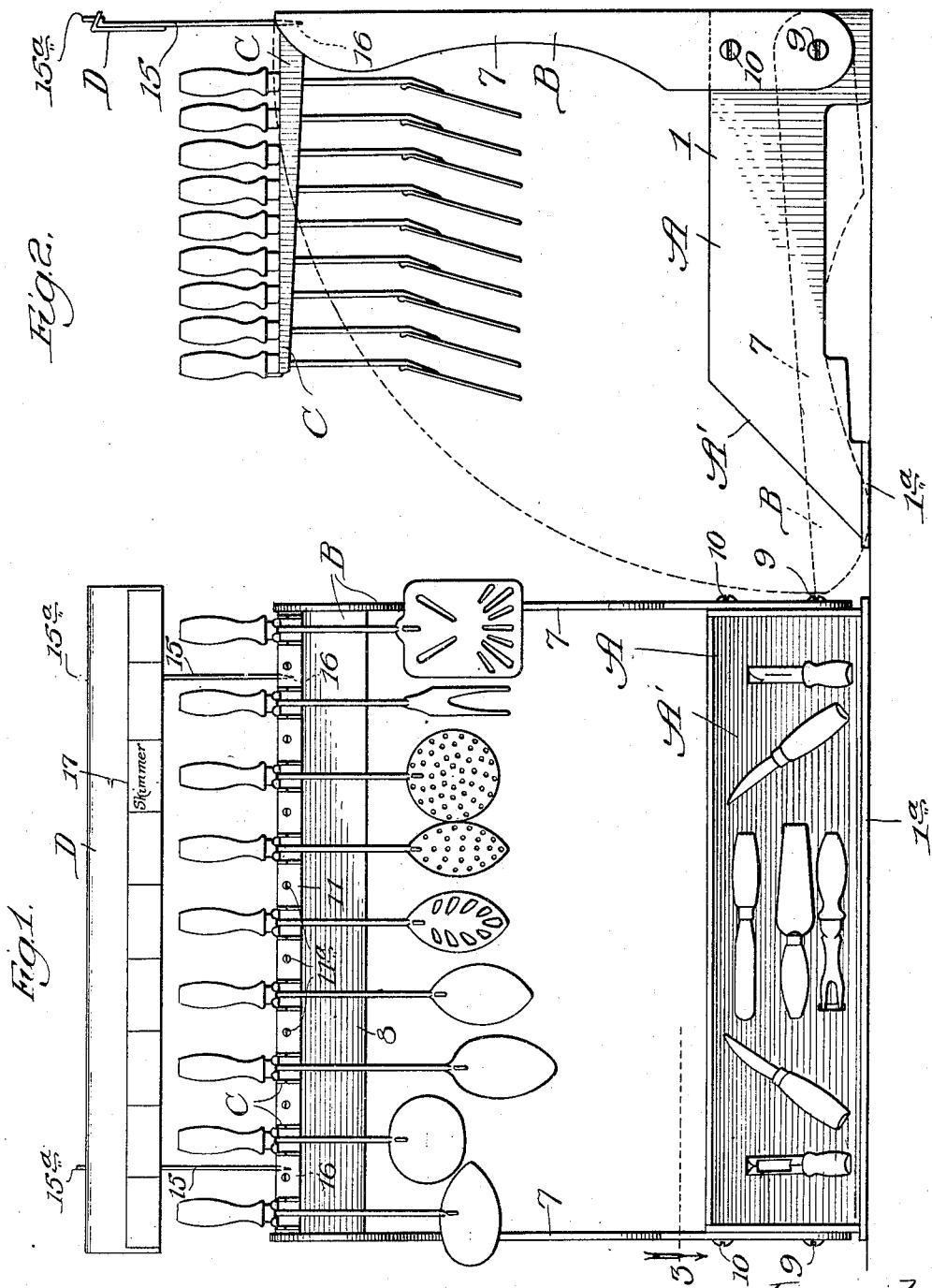


Fig. 1.

Fig. 2.

Inventor:
Edward P. Byrnes,
By *Byrnes, Smith, Lee, Chittenden & Miles,*
ATTY'S

Jan. 6, 1931.

E. P. BYRNES

1,788,082

DISPLAY CABINET

Filed Oct. 18, 1928

2 Sheets-Sheet 2

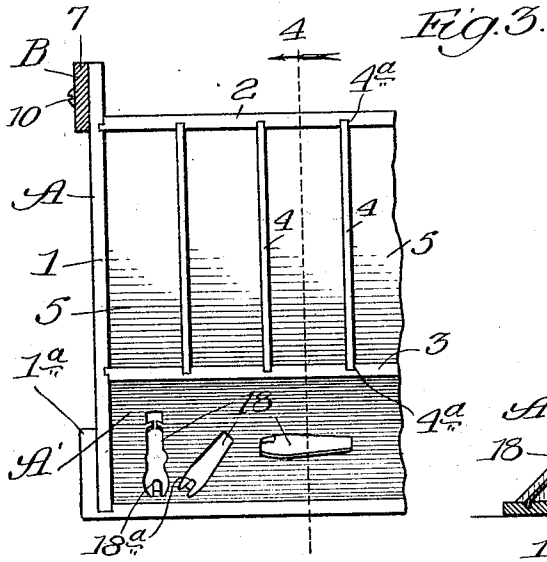
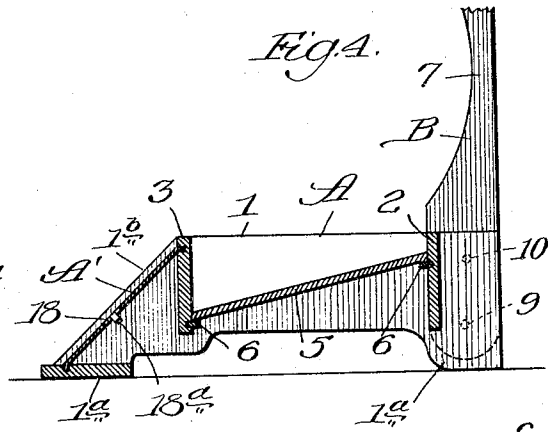
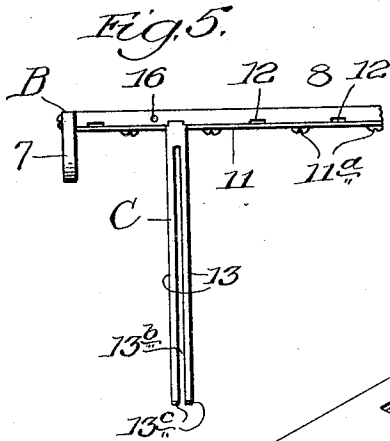


Fig. 6.

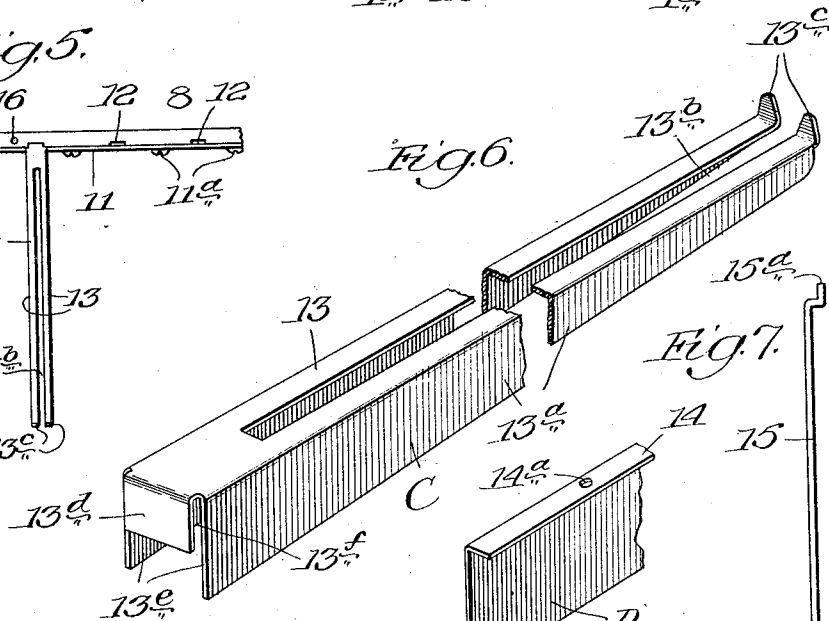


Fig. 7.

Fig. 8.



Inventor:
Edward P. Byrnes,
By *Dunforth, Critton, & Wiles,*
Attorneys

UNITED STATES PATENT OFFICE

EDWARD P. BYRNES, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE BOYE NEEDLE COMPANY,
OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS

DISPLAY CABINET

Application filed October 18, 1928. Serial No. 313,258.

This invention relates particularly to a cabinet adapted to be placed upon the counter of a hardware store, for example, and to serve as a means for displaying kitchen utensils or the like.

The primary object of the invention is to provide an improved cabinet of the character mentioned which is of separate construction and which can readily be formed into a compact package for shipping purposes, together with an assortment of goods which the cabinet is adapted to display.

The invention is illustrated in a preferred embodiment in the accompanying drawings, in which—

Figure 1 is a front elevational view of the cabinet as it appears in the display of utensils; Fig. 2, a side elevational view of the same; Fig. 3, a broken plan section taken as indicated at line 3 of Fig. 1; Fig. 4, a broken vertical section taken as indicated at line 4 of Fig. 3; Fig. 5, a fragmentary plan view of the bracket-standard employed, showing one of the brackets in position; Fig. 6, a broken perspective view of one of the brackets; Fig. 7, an elevational view of one of a pair of rods which serve to support an article-name plate; and Fig. 8, a broken rear perspective view of the name plate employed.

In the construction illustrated, A designates a base which comprises a rectangular receptacle provided with removable partitions and removable bottom boards interposed between the partitions, said base being provided in front of said receptacle with an inclined display plate A'; B, a folding standard connected with the rear portion of the base; C, a series of demountable bracket arms carried by the upper portion of the standard B and projecting forward therefrom; and D, a demountable article-name plate rising from the upper portion of the standard B.

The base A is shown as comprising an open horizontal box having end walls 1, a rear wall 2 and a front wall 3. The box is divided into compartments by boards or plates 4 which fit removably in kerfs or slots 4^a with which the front and rear walls of the box are provided. Between the partitions are re-

movable forwardly inclined bottom boards 5 which are supported on cleats 6.

The end walls are provided with feet 1^a and forward extensions which are cut away as indicated at 1^b. The inclined front display plate A' is interposed between the forward extensions mentioned. As shown in Fig. 4, the upper and lower edges of plate A' are bent inwardly to engage slots in the member 1^a and front wall 3. The plate is made of thin sheet metal and may be removed by bowing it slightly until the edges are free of the retaining slots.

For shipping purposes, the compartment walls 4 and 5 may be removed and the space within the base may be utilized for a package of utensils.

The standard B comprises a pair of vertical arms 7 and a cross bar 8 uniting the upper end of the standard. The arms 7 are pivotally connected with the lower rear portion of the base by means of screws 9. Additional screws 10 are employed to firmly secure the standard to the base. When desired, the screws 10 may be removed and the standard may be folded forwardly upon the base in the manner illustrated by the dotted lines in Fig. 2. In this position, the arms 7 embrace the outer sides of the end walls 1 of the base A, the free end of the standard resting upon a cross plate which forms the front foot of the base.

The cross bar 8 of the standard B lies in a vertical plane and is equipped at the upper portion of its front surface with a metal bar 11 which is secured by screws 11^a. The upper edge of the bar 8 is provided with suitably spaced sockets 12 which are disposed immediately back of the metal bar 11.

Each of the brackets C preferably consists of a substantially straight arm formed from a strip of sheet metal, which is bent into channel form, thus providing a top web 13 and depending flanges 13^a. The top web of the arm is provided with a longitudinal slot 13^b adapted to receive the shanks or stems of various kitchen utensils. The flanges 13^a taper to the free extremity of the arm, and the extremities of the furcations of the top wall 13 are bent upwardly to afford stops

13^c. At the rear end of the arm, the flanges 13^a are cut away, and the projecting web is bent downwardly to afford a socket member 13^d which is separated from the end edges 13^c of the flanges by a space 13^e. The member 13^d is adapted to enter a socket 12, the space 13^e receiving the upper portion of the metal bar 11. The shoulders 13^c bear against the front surface of the bar 11. Thus, the bracket arms C are staunchly supported on the standard, but may be freely lifted off the standard when desired.

The article-name plate D is shown as consisting of a metal strip having its upper edge provided with a rearwardly turned flange 14 which is provided near its opposite ends with perforations 14^a. Plate D is supported on the standard through the medium of removable rods 15 whose lower ends fit into sockets 16 with which the upper edge of the cross bar 8 of the standard is provided. The upper ends of the rods 15 are offset at 15^a and engage the perforations 14^a so that the plate D is removable.

The plate D is equipped above the several brackets C with legends or names 17 which designate the articles supported in the brackets below, respectively. The name plate may be suitably embellished. The name of the utensils and any other desired matter, including the name or trade-mark of the manufacturer, may be applied to the name plate by a decalcomania process, if desired.

As shown in Figs. 1, 3 and 4, portions of the plate A' are cut away to provide openings 18 which serve as pockets or cavities for holding in place the articles on display. If the openings are large, one or more tongue-shaped projections 18^a are pressed from the metal to form a backing for preventing the article from falling through. As shown in Fig. 4, these projections are bent inwardly so as to lie below the surface of the plate A'. The openings correspond in outline to the portion of the article which they support so that when the article is placed on display, the projections 18^a are wholly obscured from view.

The improved cabinet is well adapted to the purpose of enabling a dealer to display the goods of a manufacturer of a line of kitchen utensils. The space available for display purposes may be augmented by placing articles in the compartments of the base. The bottom walls of the compartments are inclined forwardly so that articles placed thereon may be readily seen by an observer standing in front of the cabinet.

The cabinet may be shipped in knock-down condition. In packing, the manufacturer may remove the partitions from the box-like base and may employ the space within the base for holding a package containing an assortment of utensils. The standard of the cabinet may be folded in the manner de-

scribed; and the loose parts of the cabinet, including bracket arms, partitions, bottom boards, name plate, and supporting rods, may be packed compactly in or upon the base.

The foregoing detailed description has been given for clearness of understanding only, and no unnecessary limitations should be understood therefrom, but the appended claims should be construed as broadly as permissible, in view of the prior art.

What I regard as new, and desire to secure by Letters Patent, is:

1. A display cabinet of the character described comprising a base, a supporting standard pivoted to the rear portion of said base and adapted to fold forwardly into the plane of the base, and means for suspending articles from said supporting standard, said means comprising a series of forwardly extending bracket members demountably secured to said standard.

2. A display cabinet of the character described comprising a base provided with a display plate having means for holding articles being displayed, a supporting standard secured to the rear portion of said base and adapted to fold forwardly into the plane of the base, said standard including a pair of vertical arms with a cross bar interposed therebetween, and means for suspending display articles from said supporting standard, said means comprising a series of bracket members demountably secured to said cross bar and extending toward the front of the cabinet.

3. A display cabinet of the character described comprising a base, a supporting standard secured to the rear portion of said base and adapted to fold forwardly on the base, said standard including a pair of vertical arms with a cross bar interposed therebetween, means for suspending articles from said supporting standard, said means comprising a series of brackets demountably secured to said cross bar and extending toward the front of the cabinet, and a plate demountably supported upon said standard above and to the rear of said brackets and bearing a series of article-names identified with said brackets, respectively.

4. A display cabinet of the character described comprising an open box-like base having removable partition members interposed between the front and rear walls and removable bottom boards loosely resting on said front and rear walls, a standard rising from the rear portion of said base and adapted to lie substantially parallel with the plane of the base when collapsed, and detachable article-supporting arms carried by and extending forwardly from the upper portion of said standard.

5. A display cabinet of the character described comprising a base, a standard se-

- cured to the lower rear portion of said base and adapted to fold forwardly and embrace the base, and means for suspending articles from said standard, said means comprising a series of bracket members demountably secured to and extending forwardly from the upper portion of said standard, said bracket members having article-receiving slots extending substantially the entire length thereof. 70
6. A display cabinet of the character described comprising a base, a supporting standard secured to the lower portion of said base and adapted to fold forwardly into the plane of the base, said standard including a pair of vertical arms connected by a cross bar, said cross bar having a series of metal faced sockets formed in its upper front face, and means for suspending articles from said cross bar, said means comprising a series of channel shaped bracket members having their horizontal web portions bent downwardly at the rear end to form a tongue adapted to engage the sockets in said cross bar, said bracket members having article-receiving slots extending substantially the entire length thereof. 75
7. A display cabinet of the character described comprising a base, a standard rising from said base and having its upper portion equipped with upwardly open sockets, and forwardly extending bracket arms having their rear portions equipped with depending socket members engaging said sockets. 80
8. A display cabinet of the character described comprising a base, a standard supported thereon, and bracket members extending forwardly from the upper portion of said standard, each bracket member comprising an arm having a longitudinal slot extending substantially the entire length thereof and adapted to receive the shanks of a plurality of utensils. 85
9. A display cabinet of the character described comprising a base, a standard arising from the rear of said base, and bracket arms extending from the upper part of said standard, said base comprising a box with an open top and having inclined bottom boards with removable partitions therebetween forming a plurality of display receptacles. 90
10. In a display cabinet of the character described, the combination with a base comprising end walls, a rear wall, a quickly detachable front wall, quickly detachable bottom boards, and quickly detachable partition walls, of a standard comprising uprights pivoted to said end walls, a cross-bar extending between said uprights, and a plurality of brackets carried by and quickly detachable from said cross-bar. 95
11. In a display cabinet of the character described, the combination with a base comprising end walls, a rear wall, a quickly detachable inclined front wall provided with apertures for holding articles being displayed, quickly detachable inclined bottom boards, and quickly detachable partition walls, of a standard comprising uprights pivoted to said end walls, a cross-bar extending between said uprights, and a plurality of brackets carried by and quickly detachable from said cross-bar. 100
- EDWARD P. BYRNES. 105
12. In a display cabinet of the character described, the combination with a base comprising end walls, a rear wall, a quickly detachable inclined front wall provided with apertures for holding articles being displayed, quickly detachable inclined bottom boards, and quickly detachable partition walls, of a standard comprising uprights pivoted to said end walls, a cross-bar extending between said uprights, and a plurality of brackets carried by and quickly detachable from said cross-bar. 110
13. In a display cabinet of the character described, the combination with a base comprising end walls, a rear wall, a quickly detachable inclined front wall provided with apertures for holding articles being displayed, quickly detachable inclined bottom boards, and quickly detachable partition walls, of a standard comprising uprights pivoted to said end walls, a cross-bar extending between said uprights, and a plurality of brackets carried by and quickly detachable from said cross-bar. 115
14. In a display cabinet of the character described, the combination with a base comprising end walls, a rear wall, a quickly detachable inclined front wall provided with apertures for holding articles being displayed, quickly detachable inclined bottom boards, and quickly detachable partition walls, of a standard comprising uprights pivoted to said end walls, a cross-bar extending between said uprights, and a plurality of brackets carried by and quickly detachable from said cross-bar. 120
15. In a display cabinet of the character described, the combination with a base comprising end walls, a rear wall, a quickly detachable inclined front wall provided with apertures for holding articles being displayed, quickly detachable inclined bottom boards, and quickly detachable partition walls, of a standard comprising uprights pivoted to said end walls, a cross-bar extending between said uprights, and a plurality of brackets carried by and quickly detachable from said cross-bar. 125
16. In a display cabinet of the character described, the combination with a base comprising end walls, a rear wall, a quickly detachable inclined front wall provided with apertures for holding articles being displayed, quickly detachable inclined bottom boards, and quickly detachable partition walls, of a standard comprising uprights pivoted to said end walls, a cross-bar extending between said uprights, and a plurality of brackets carried by and quickly detachable from said cross-bar. 130