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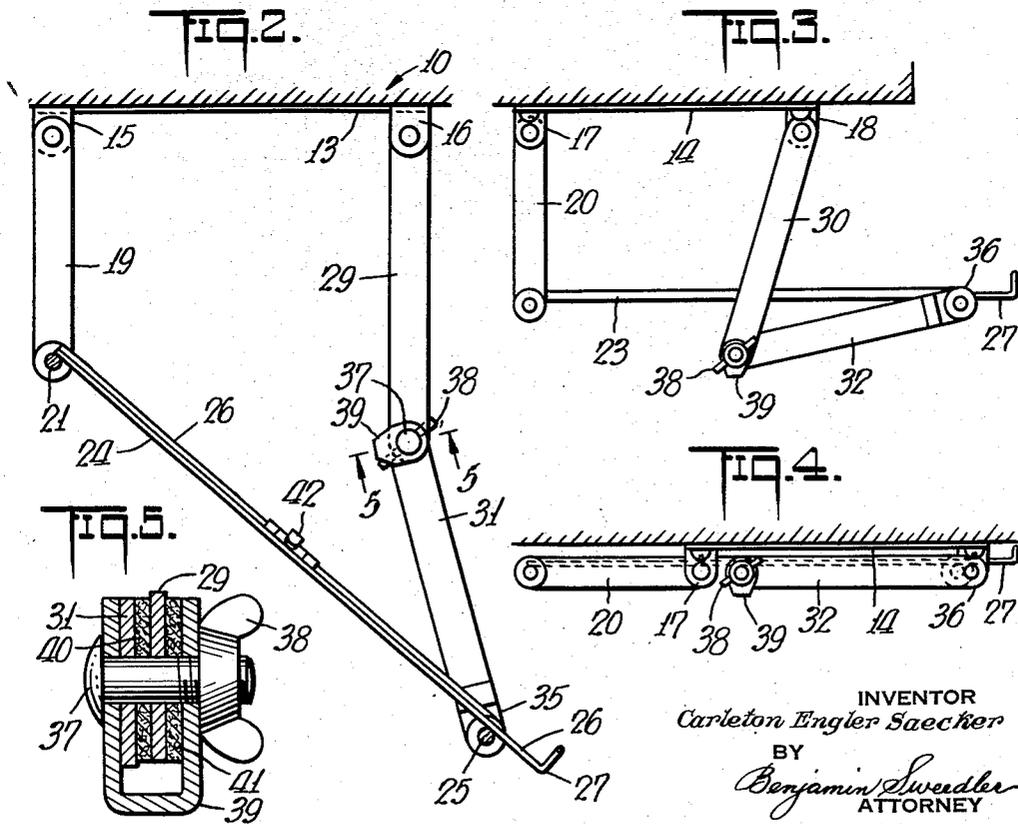
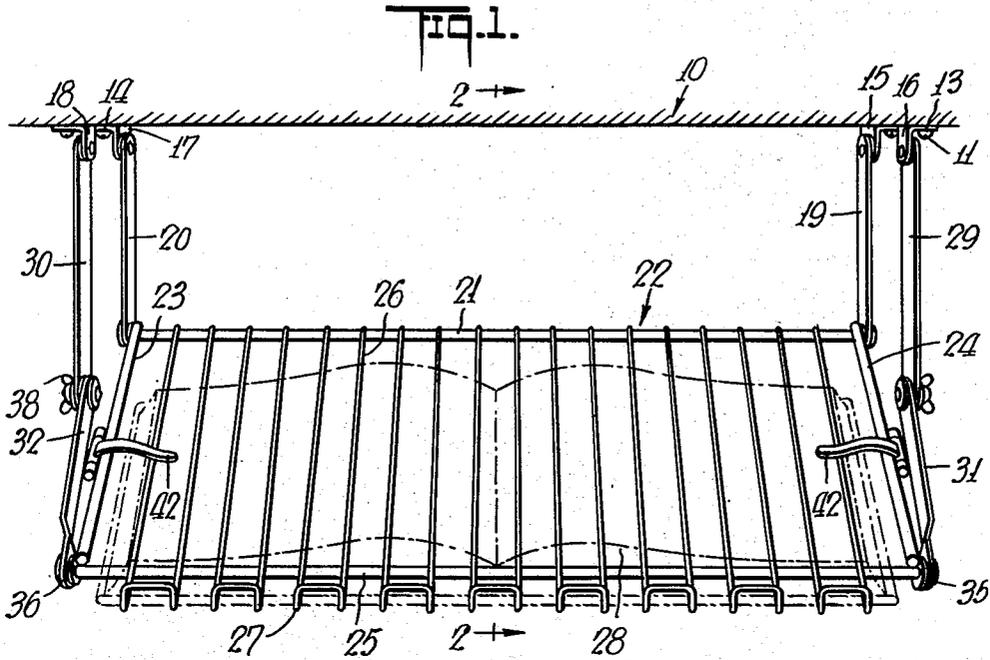
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2,599,416

BOOKHOLDER

Filed June 28, 1951

2 SHEETS—SHEET 1



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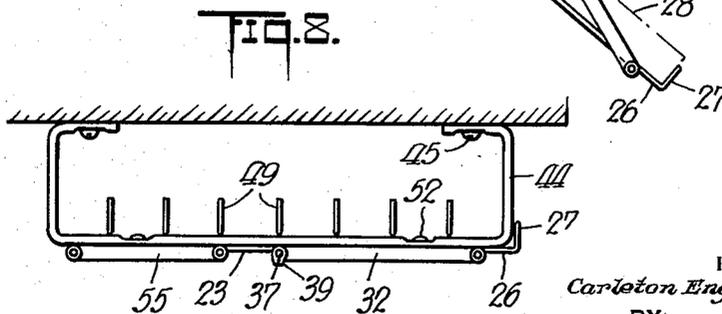
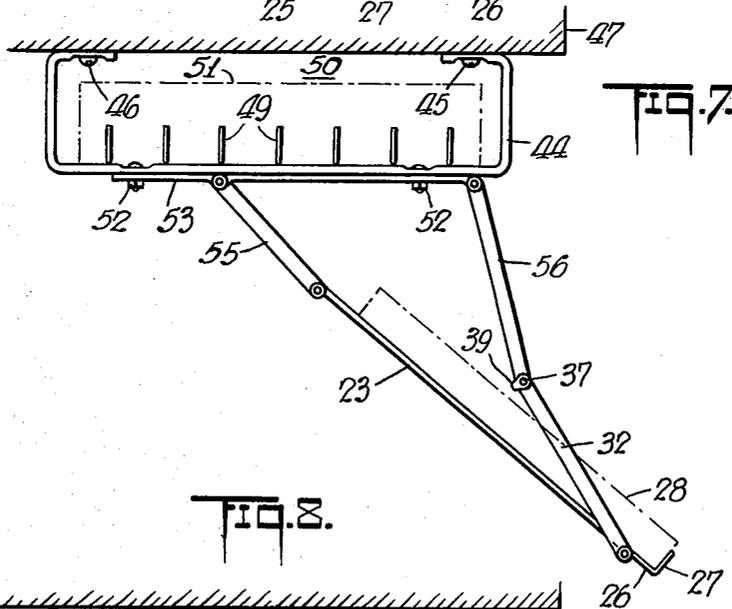
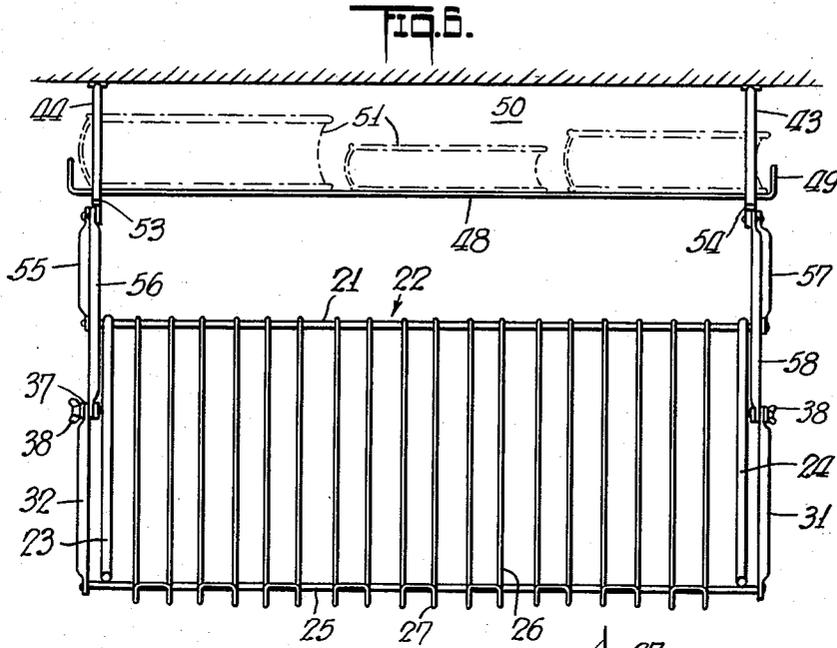
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BOOKHOLDER

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2 SHEETS—SHEET 2



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UNITED STATES PATENT OFFICE

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BOOKHOLDER

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4 Claims. (Cl. 45—82)

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This invention relates to an improvement in a book holder, particularly a cookbook holder designed to maintain a cookbook in a readily visible position and to be moved, when not in use, to an inconspicuous position.

It is an object of this invention to provide a book holder which can readily be moved to maintain a cookbook or other book in any desired visible position and which holder can also readily be moved to an inconspicuous position, when not in use.

Another object of this invention is to provide a book holder which is designed to be mounted on the base of a cabinet above a work bench or table and to be moved from a position in which the book holder is disposed inconspicuously beneath and in contact with the base of the cabinet to a position in which the book holder is disposed in front of the cabinet where it is readily visible, which book holder can be moved to any one of a number of positions where the book thereon can best be observed by individuals of different heights, which book holder even though mounted on the base of a cabinet above the work bench or table can be moved to a position affording the best light and where the front of the cabinet does not interfere with the line of vision, which book holder permits the placement of books of reasonable thickness, say up to $3\frac{1}{2}$ inches, on to the holder and the movement of the holder with the book thereon into a collapsed inconspicuous position beneath the bottom of the cabinet where the book is readily available when needed and which book holder can be moved to a horizontal position beneath the base of the cabinet to provide an extra shelf for placing small articles, such as measuring cups, spoons, spices, etc., when not used as a book holder.

Still another object is to provide a combination shelf and book holder designed so that the shelf may be mounted on the underside of a kitchen cabinet, desirably disposed above a work bench, and the book holder may be collapsed into position just beneath this shelf, moved from this position to provide a second shelf substantially parallel to the first-mentioned shelf and may also be moved into any desired position where the book on the holder is best visible to the observer.

Still another object is to provide such book holder which is simple in construction, particularly in that it comprises relatively few parts and thus is inexpensive to make and which functions to hold the book in a desired position where the user can easily observe the instructions therein leaving the user free to use both hands, for example, in mixing a recipe.

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Other objects and advantages of this invention will be apparent from the following detailed description thereof.

In the accompanying drawings, forming a part of this specification and showing, for purposes of exemplification, preferred forms of this invention without limiting the claimed invention to such illustrative instances,

Figure 1 is a perspective view of a book holder embodying my invention, the book holder is shown in position to support a book beneath a cabinet where it is readily visible to an observer;

Figure 2 is a vertical section taken in a plane passing through line 2—2 on Figure 1;

Figure 3 is a side elevation showing the book holder in position to provide a shelf beneath the base of the cabinet to which the book holder is attached;

Figure 4 is a side elevation showing the book holder in collapsed position beneath the base of the cabinet;

Figure 5 is a section taken in a plane passing through line 5—5 on Figure 2;

Figure 6 is a front elevation of a combined shelf and book holder embodying this invention, the book holder is shown in a position where the book thereon can readily be observed;

Figure 7 is a side elevation of the combined shelf and book holder of Figure 6; and

Figure 8 shows the book holder of Figures 6 and 7 in collapsed position contiguous to the shelf on which the book holder is mounted.

Referring first to Figures 1 to 5, inclusive, of the drawings, 10 indicates the base of a cabinet desirably disposed above a table or work bench, as is common practice in modern kitchens. Secure to the base 10 of the cabinet, as by means of bolts or wood screws 11, is a pair of horizontally disposed brackets 13 and 14. Bracket 13 has ears 15 and 16 at the opposite ends thereof and the bracket 14 has ears 17 and 18 at the opposite ends thereof.

Rear links 19 and 20 have their upper ends pivotally secured to the ears 15 and 17. Pivotaly mounted on the lower end of these rear links 19 and 20 is a crossbar 21 of a substantially flat tray or book support 22. In the illustrative example of Figure 1, book support 22 is in the form of a wire or rod member consisting of crossbar 21 and side rods 23, 24 connecting the crossbar 21 with a lower or front crossbar 25. Connecting wires or rods 26, desirably arranged in pairs and suitably secured as by welding to crossbars 21 and 25, have their forward edges bent upwardly as at 27 to provide a stop or abutment for the forward edge of book 28. It will be under-

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stood that instead of the wire or rod construction disclosed in the drawing, book supporting member 22 may be of substantially flat, light weight metal, plastic or other suitable material of construction desirably having an upstanding lower edge which provides a stop or abutment for the lower edge of the book.

The upper ends of links 29 and 30 are pivotally secured to the ears 16 and 18. Links 29 and 30 are longer than the rear links 19 and 20, desirably about 25% longer. Thus, for example, the rear links 19 and 20 may be approximately 4' long and the forward links 29 and 30 approximately 5' long. The lower ends of links 29 and 30 are pivotally secured to the upper ends of a pair of links 31 and 32, respectively, desirably of the same length as links 29 and 30. The lower end of links 31 and 32 are pivotally secured to the front crossbar 25 of the book holder at 35 and 36, respectively. Thus, links 30 and 32 and also links 29 and 31 are in effect adjustable toggle links for supporting the forward edge of the book support 22. The pivotal connection between links 30 and 32 and also that between links 29 and 31 is adjustable and permits movement of the book holder to any desired position from a collapsed position beneath the base of the cabinet shown in Figure 4 to a position where the book on the holder is readily visible, as shown in Figures 1 and 2, and to a position where the book holder provides a shelf beneath the cabinet, as shown in Figure 3, or other desired intermediate positions. This adjustable connection is shown in Figure 5. It comprises a bolt 37 having a wing nut 38 on the threaded end thereof and passing through a U-shaped holder 39. Each pair of links 30, 32 and 29, 31 is pivotally mounted on a bolt 37 and is separated from each other by a fibre washer 40. Desirably, a second fibre washer 41 is interposed between the wall of the U-shaped holder 39 and the link contiguous thereto. With this construction, once the wing nuts 38 are adjusted to provide suitable pressure between the links through the fibre washers the book support 22 may be moved to any desired position of adjustment, such as those shown in Figures 2 and 3, as well as to the inconspicuous collapsed position beneath the cabinet, shown in Figure 4, without necessitating further movement of the wing nuts 38 to permit such positioning of the book support. However, after continued use due to wear it may be necessary occasionally to tighten the wing nuts 38 to maintain the book support in desired position.

Spring clips 42 are positioned, preferably at the opposite sides of the book support 22, to engage the leaves of the open book and maintain the book in any desired open position. These clips may each be in the form of a spring steel or other flexible finger pivoted on the sides of the book support. Instead of the spring clips other well known means may be employed to maintain the book in any desired open position on the book support 22.

While the drawings show a pair of brackets 13 and 14 for supporting the book holder, it will be understood the ends of links 19, 20, 29 and 30 may be each pivotally secured directly to, or to an individual bracket fastened on, the base of the cabinet or other surface on which it is desired to mount the book holder.

The modification of Figures 6 to 8 is designed to be used in kitchen constructions where the base of the cabinet is spaced a sufficient distance above the work bench or table to provide room

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for a shelf. In this modification shelf supports 43 and 44 are secured as by bolts 45 and 46 to the base of cabinet 47. Connecting rods 48, desirably having their ends bent upwardly as at 49, provide with the supports 43 and 44 a shelf 50 beneath the cabinet on which may be disposed books 51 or various miscellaneous items, such as spices, salt shakers, etc. In the modification of Figures 6 and 7 shelf 50 is spaced a relatively short distance beneath the base of cabinet 47 permitting the placement of two or three books in flat position on this shelf. Where the distance between the base of the cabinet and the top of the work bench is adequate, the supports or brackets 43 and 44 may be of a depth to provide a shelf 50 of a height to accommodate books disposed to rest on their edges rather than lying flat.

Secured as by bolts 52 to the underside of the shelf supports 43 and 44 are brackets 53 and 54. Pivotally mounted on bracket 53 are links 55 and 56 which correspond to links 20 and 30, respectively of the construction of Figure 1, and pivotally mounted to bracket 54 are links 57 and 58 which correspond with links 19 and 29, respectively, of the construction of Figure 1. The remainder of the parts shown in Figures 6 to 8 of the book holder are substantially the same as the corresponding parts shown in Figures 1 to 5 and have been identified by like reference characters. The construction and operation of these parts should be clear from the above description of the corresponding parts in connection with the description of Figures 1 to 5, inclusive.

It will be noted this invention provides a book holder, particularly a cookbook holder, which holder can readily be moved from an inconspicuous position when not in use to any desired adjusted position where the book is readily visible to the user even though used by individuals of different heights, and even though the holder is mounted on the base of a cabinet above a work bench or table. The rear links 19 and 20 permit, as is shown, for example in Figure 1, the placement of the book holder into a position in front of the cabinet on the base of which the holder is mounted, affording the best light and where the front of the cabinet does not interfere with the line of vision. Also this feature permits placement of the holder in the position shown in Figure 3 where the tray-like member 22 is spaced to provide a horizontal shelf beneath the base of the cabinet on which the holder may be mounted, or into a position in which the holder is substantially collapsed and yet a book or books are maintained on the support 22 beneath the cabinet.

It will be further noted the holder of this invention involves relatively few parts and is therefore inexpensive to make. It supports the cookbook above the working surface out of the way of the cooking utensils and ingredients, thus allowing more working space and keeping the book clean. Furthermore, it maintains the book open in focus of the user while the latter is working and leaves the user free to employ both hands.

Since different embodiments of the invention could be made without departing from the scope of this invention, it is intended that all matter contained in the above description or shown in the accompanying drawing shall be interpreted as illustrative and not in a limiting sense.

What is claimed is:

1. A book holder comprising, in combination, a pair of spaced horizontally extending bracket

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supports adapted to be secured to the underside of a kitchen cabinet disposed above a work bench, said bracket supports having depending ears on the opposite ends thereof, a substantially flat rectangular book support having a book-engaging abutment on its forward edge, a pair of links having their upper ends pivotally secured to said ears and their lower ends pivotally secured to the rear corners of the book support, two sets of toggle links having the upper toggle link of each set pivotally secured to said ears and the lower toggle link of each set pivotally secured to the forward corners of said book support, and means for adjusting the toggle joints of said toggle links.

2. A book holder comprising, in combination, a pair of spaced horizontally extending bracket supports adapted to be secured to the underside of a kitchen cabinet disposed above a work bench, said bracket supports having rear and forward depending ears, a substantially flat rectangular book support having a book-engaging abutment on its forward edge, a pair of links having their upper ends pivotally secured to said rear ears and their lower ends pivotally secured to the rear ends of the book support, two sets of toggle links having the upper toggle link of each set pivotally secured to said forward ears and the lower toggle link of each set pivotally secured to the forward corners of said book support, and means for adjusting the toggle joints of said toggle links.

3. A kitchen book holder comprising, in combination, a pair of spaced horizontally extending bracket supports adapted to be secured to the underside of a kitchen cabinet disposed above a work bench, each of said bracket supports having a rear and forward depending ear, a pair of links each having its upper end pivotally mounted to each of said forward ears, a substantially rectangular flat book support having a book-engaging abutment at its forward edge, the lower

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ends of said links being pivotally secured to the rear corners of said book support, two sets of toggle links having the upper link of each set pivotally secured to said forward ears and having the lower links of each set pivotally secured to the forward corners of said book support, and means for adjusting the toggle joints of said toggle links.

4. A combination shelf and book holder comprising, in combination, a pair of spaced supports adapted to be secured to the underside of a kitchen cabinet disposed above a work bench, connecting members extending between said supports and providing a shelf directly beneath said kitchen cabinet, a pair of horizontally extending brackets secured to the underside of said supports, a pair of links pivotally mounted on said brackets, a second pair of links pivotally mounted on said brackets, a third pair of links pivotally mounted on the lower edge of said second pair of links forming with said second pair of links a pair of toggle links, a substantially rectangular flat book support having the rear corners thereof pivotally secured to the first-mentioned pair of links and the forward corners thereof pivotally secured to the third-mentioned pair of links, and means for adjusting the joints between the second and third mentioned pairs of links.

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