L. A. COCK.

INDICATOR.

APPLICATION FILED DEC. 23, 1911.

1,078,573. Patented Nov. 11, 1913.

Fig. 1.

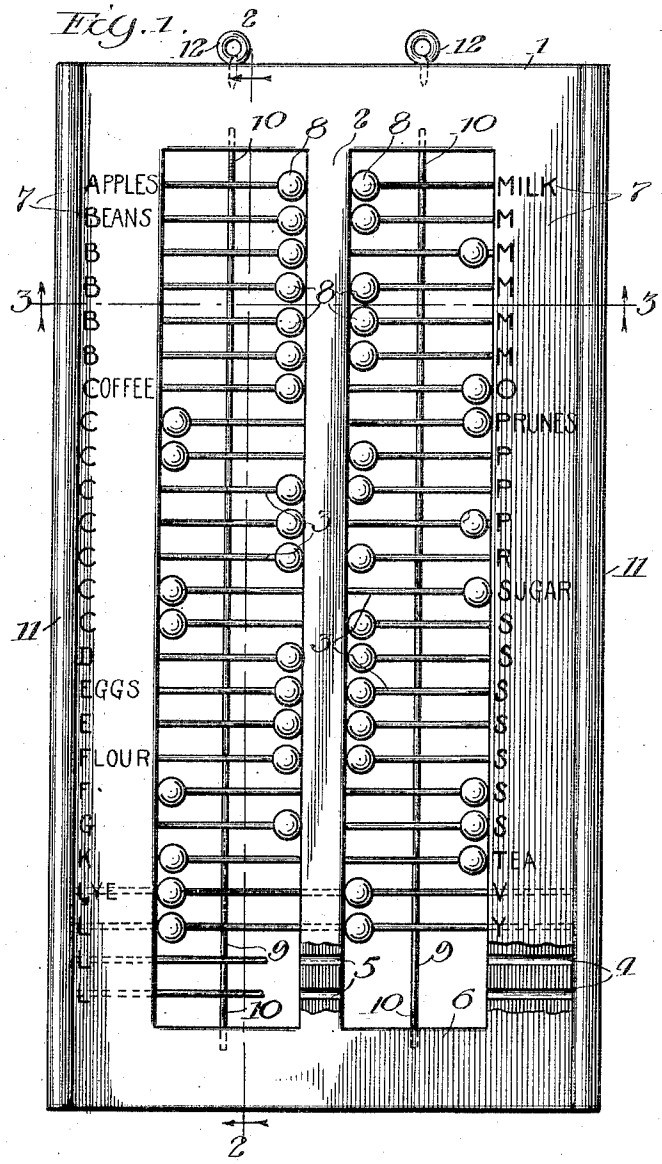


Fig. 2.

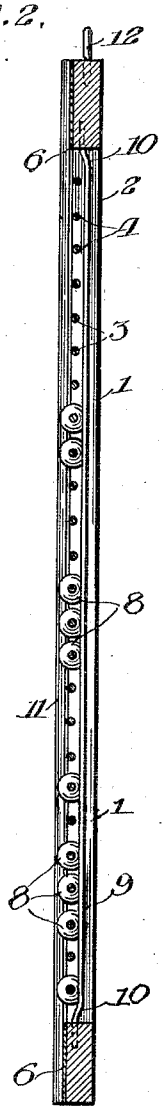
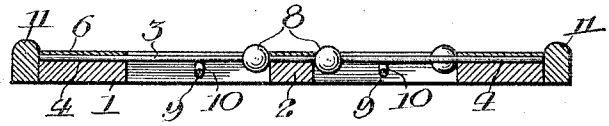


Fig. 3.



Witnesses
Chas. Wernicke
E. Lundy.

Inventor
LUCIUS A. COCK.
by Frank D. Thomas Atty.

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

LUCIUS A. COCK, OF CHICAGO, ILLINOIS.

INDICATOR.

1,078,573. Specification of Letters Patent. Patented Nov. 11, 1913.

Application filed December 23, 1911. Serial No. 667,553.

To all whom it may concern:

Be it known that I, LUCIUS A. COCK, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Indicators, of which the following is a full, clear, and exact description.

My invention relates to indicators or reminder-boards such as may be employed, for example by a housewife or domestic, to note thereon certain articles of daily use the supply of which is in need of replenishment.

While the device as shown in the drawings is employed for household use it is of course to be understood that by simply revising the tabulated list of commodities or articles the same could readily be used for any purpose where a reminder is necessary to show at a glance certain articles needed or certain things that need attention.

It is one of the objects of my invention to so construct and arrange the parts of the device that it is neat and compact in appearance, is easy to operate, and will at all times disclose at a glance just what articles it is necessary to purchase in order to replenish the supply.

It is also an object of my invention to provide a device of this character with suitable markers which, owing to their relative arrangement in connection with the other parts of my device, cannot become misplaced or lost and are at all times available for the purpose of indicating the articles needed. And still another object is to provide suitable means which will prevent the markers accidentally moving out of their adjusted positions unless it is done so manually.

These and other objects I accomplish by the means and in the manner hereinafter fully described and as more particularly pointed out in the claim, reference being had to the accompanying drawings forming a part hereof, wherein:—

Figure 1 is a vertical front elevation of indicator or reminder-board, showing the manner of using the same. Fig. 2 is a longitudinal section of the same, taken on line 2, 2, Fig. 1. Fig. 3 is a transverse section taken on line 3—3, Fig. 1.

Referring to the drawings, 1 represents a suitable rectangular shaped frame (preferably made of wood or fiber-board) that comprises horizontally disposed top and bottom rails and two vertically disposed elongated side rails. The central portion of this frame is open and is bisected horizontally by a longitudinally disposed dividing rail 2 so as to leave two vertically elongated openings substantially as shown. Suitable guide wires or cross-rods 3, 3, extend transversely across the openings that consist of a plurality of round wires of relatively small gage that extend to the outer longitudinal edges of the vertical rails of the frame. The ends of each of these guides are seated in parallel grooves or open channels 4, 4, cut transversely in the outer surfaces of each of the side rails, and at their centers of length these guides are supported in similar grooves or channels 5, cut in the outer surface of the dividing rail 2 in alinement with grooves 4. In order to retain these guides in their seats a suitable covering plate 6, preferably of stiff bristol-board, is glued or otherwise suitably secured to the outer surface of the rails comprising the frame. Said cover 6 is cut substantially of the same dimensions and shape as said frame and has two columns of listed commodities or other indicia 7, 7, printed or otherwise disposed on the outer parallel stretches thereof, one commodity in each column being placed in horizontal alinement with one of the guide-wires.

A plurality of globular or bead-shaped markers 8, 8, preferably of some contrasting color, are arranged in pairs that are slidably mounted on each of the guides 3. These markers are in horizontal alinement with their respective indicia, and are so disposed that one of said beads is on the opposite side of said rail at all times. These beads are adapted to normally rest on their guides at a point adjacent to or next the dividing rail 2 of the frame, and when it is desired to move the same to indicate a commodity that needs replenishing, they are pushed along the guide until they reach the side of the frame opposite the respective indicia. In order to prevent the guides, after being moved into position, from accidentally moving back to their former positions, owing to any jar they might receive, I extend a suitable retaining wire 9, from the top to the bottom rail of the frame and stretch the same longitudinally through the openings between the side rails and dividing rail and embed the ends of said wire in the top and bottom rails of the frame, as shown. This wire just after leaving the rails is bent in a compound curve to form an offset 10 so that

throughout the greater portion of its length it is depressed to a plane slightly back of the plane of the guides, and substantially in contact therewith. Thus, it will be seen that when the guides are moved from one end to the other of their line of travel they must pass by and depress this wire. This can be done with but slight pressure from the hand of the operator, but the arrangement is sufficient to prevent the beads from moving past the wire under ordinary circumstances.

If desired, a suitable strip of bearing 11 may be secured to the outer longitudinal edges of the side rails of the frame to prevent the guides or runners from accidentally sliding out of their seats and also to protect the ends of said guides in the event any should be cut so long that their ends would project beyond the edges of the side rails of the frame.

Suitable screw-eyes 12, hooks, or other suitable devices may be mounted on the upper edge of the top rail for the purpose of hanging the device in a convenient place.

What I claim as new is:

An indicator comprising a suitable frame having an opening therein, indicia adjacent said opening, a plurality of shallow channels on each side of said opening the channels on one side of said opening alining with the respective channels on the opposite side thereof, a plurality of parallel guide-wires separate from each other and extended across said opening and seated in said channels, a marker carried by and slidable on each guide-wire within said opening, a covering-plate secured to the face of said frame and retaining the ends of said guide-wires in said channels, and a straight independent wire arranged transversely to and adjacent said guide-wires and having an offset near each end to hold the same out of contact with the guide-wires and to resist the movements of said markers from one end to the other of said guide-wires.

In witness whereof I have hereunto set my hand this 21st day of December 1911.

LUCIUS A. COCK.

Witnesses:
CLAIRE MENDEL,
PERRY S. PATTERSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."