

No. 837,676.

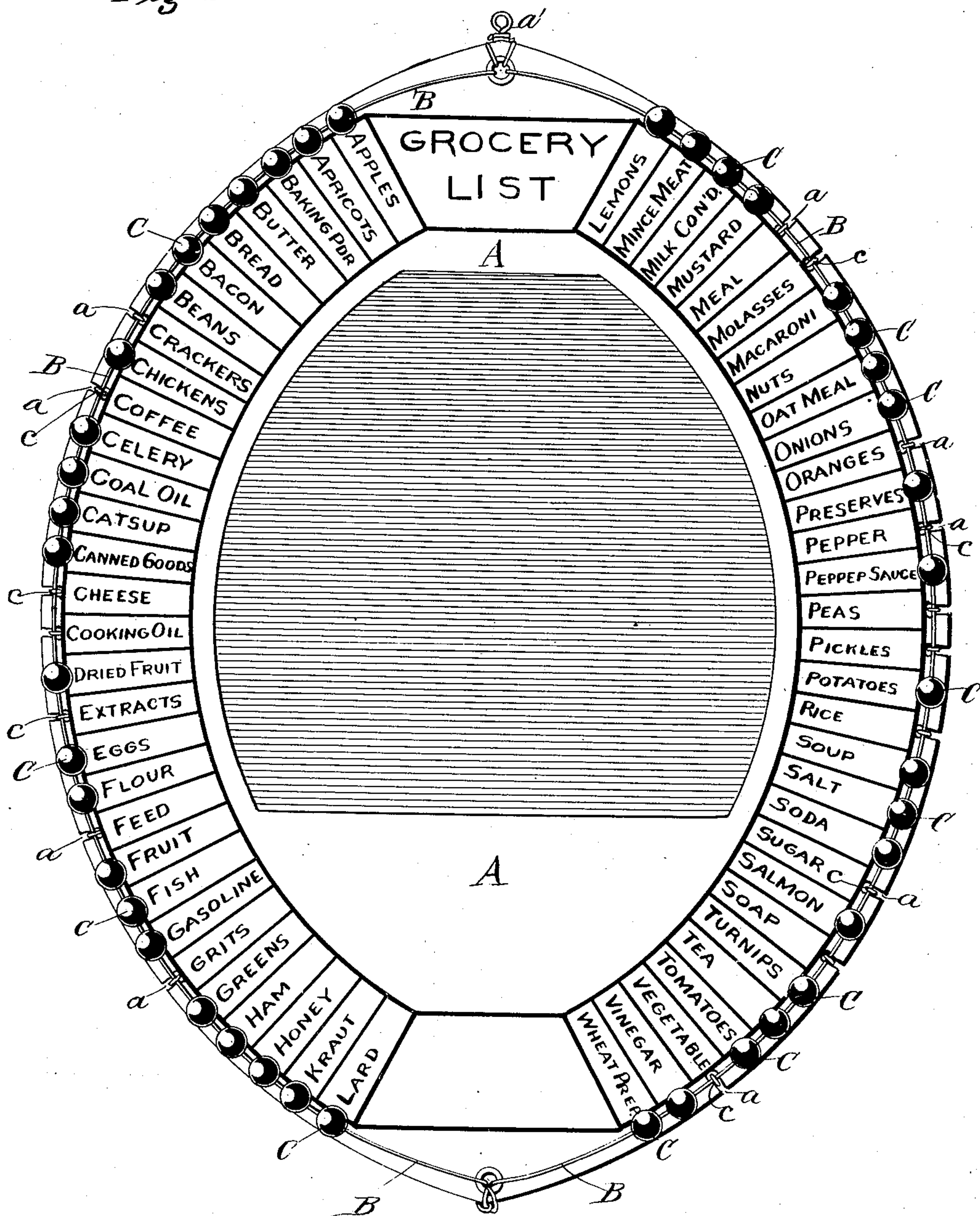
PATENTED DEC. 4, 1906.

H. S. ELLIS.  
INDICATOR.

APPLICATION FILED JUNE 4, 1906.

2 SHEETS—SHEET 1.

Fig. 1



WITNESSES  
*C. C. Duffey*  
*Amos W. Hart*

INVENTOR  
HARLEY S. ELLIS  
BY *Munn & Co.*  
ATTORNEYS

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2 SHEETS—SHEET 2.

Fig. 2

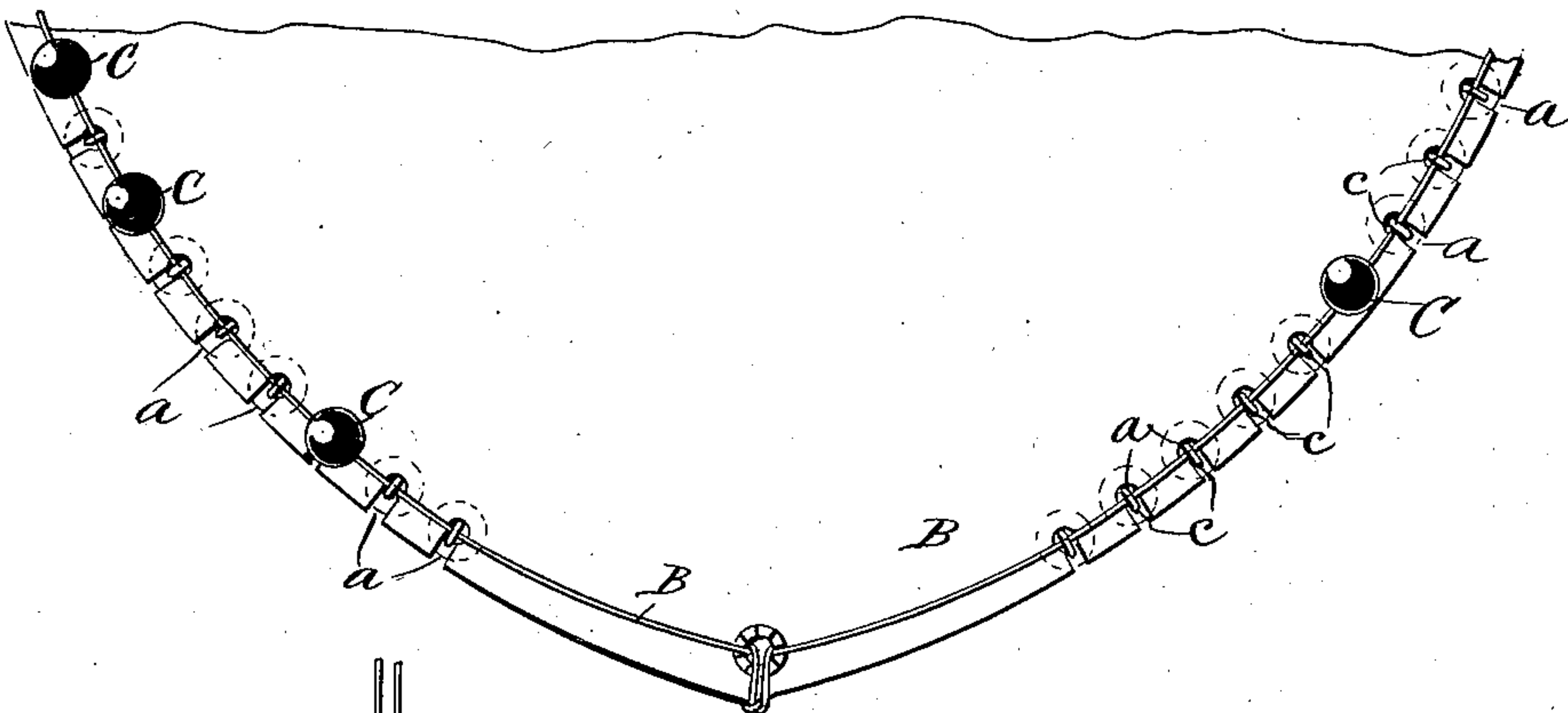
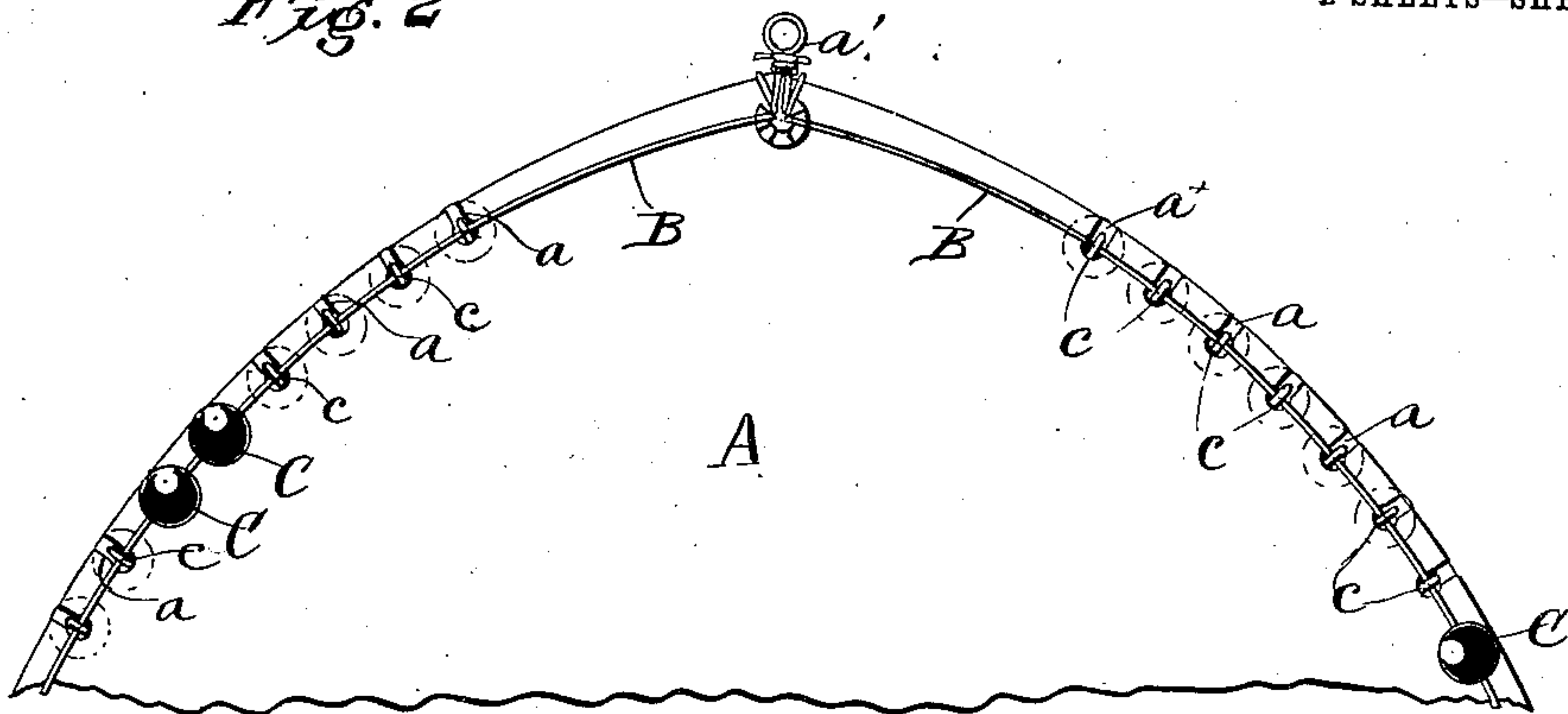


Fig. 3

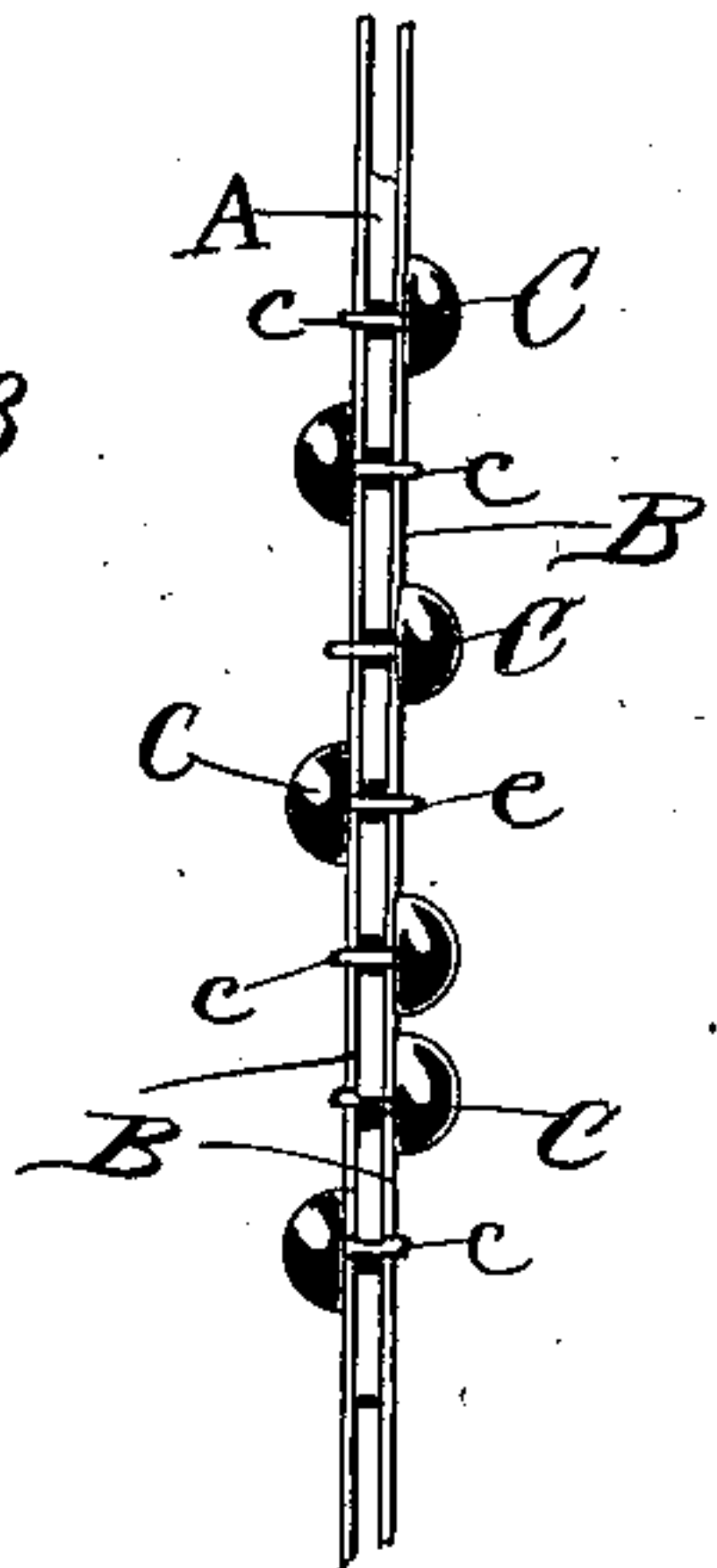


Fig. 4

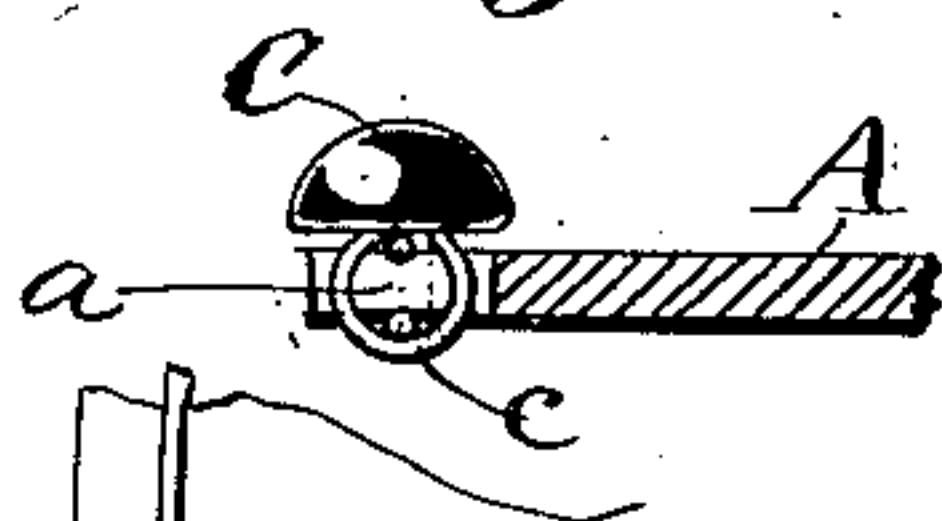
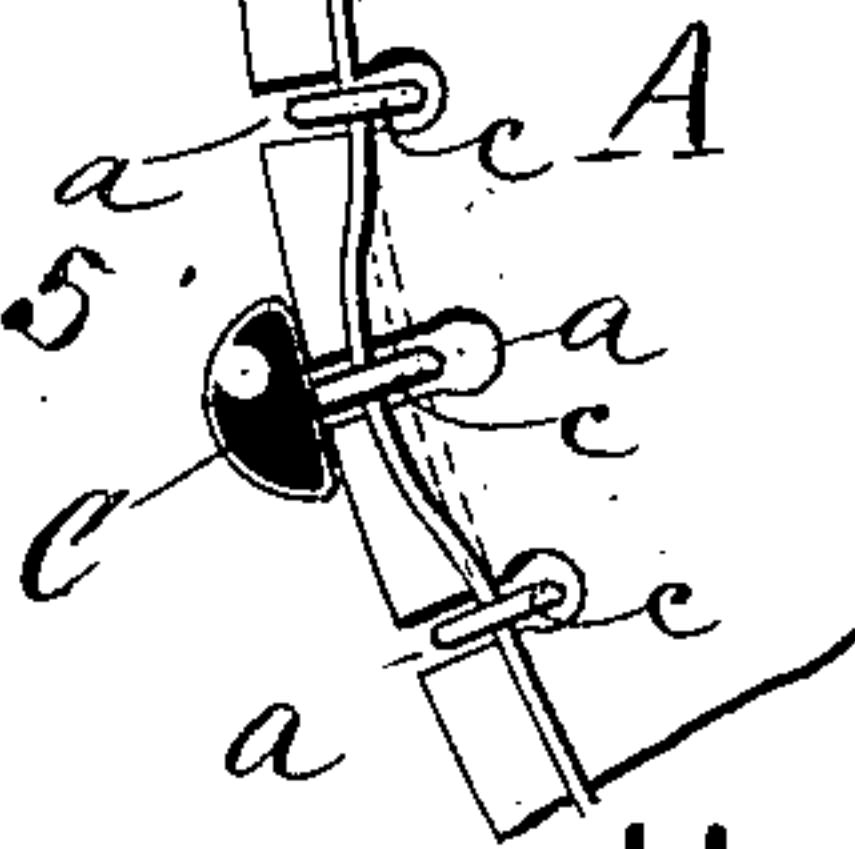


Fig. 5



WITNESSES  
E. C. Duffey  
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# UNITED STATES PATENT OFFICE.

HARLEY SIGAL ELLIS, OF GREENVILLE, TEXAS.

## INDICATOR.

No. 837,676.

Specification of Letters Patent.

Patented Dec. 4, 1906.

Application filed June 4, 1906. Serial No. 320,108.

*To all whom it may concern:*

Be it known that I, HARLEY SIGAL ELLIS, a citizen of the United States, and a resident of Greenville, in the county of Hunt and State of Texas, have invented an Improvement in Indicators, of which the following is a specification.

My invention is an improvement in that class of indicators which are adapted for domestic use in ordering groceries and other commodities.

The invention is embodied in a plate made of any suitable material and having its edge provided with notches which are arranged opposite peripheral spaces bearing the names of different groceries or other articles and a series of knobs, buttons, or other devices having shanks adapted to enter such notches and wires or equivalent means for holding the said devices in such manner that they may be turned over the edge of the plate, and thus by their position on the front or back of the same to indicate particular articles or commodities which it is desired to order.

The details of construction, arrangement, and combination of parts are as hereinafter described, and shown in the accompanying drawings, in which—

Figure 1 is a face view of my improved indicator or grocery-list. Fig. 2 is a view representing the back of the same. Fig. 3 is an edge view. Fig. 4 is a cross-section of a portion of the indicator, taken at the edge of the same. Fig. 5 is a view illustrating the transfer of a button or indicating device from the front to the back of the notched plate.

A indicates the plate, which may be in elliptical or other form and formed of any suitable material, preferably cardboard or paste-board. The edge of the plate is provided with a series of notches or open slots *a*, and directly opposite each notch or slot is a space wherein is printed the name of an article usually found on a grocer's list—for example, lemons, mince-meat, condensed milk, mustard, meal, molasses, macaroni. Wires *B* or equivalents, such as cords or strings, extend around the periphery of the plate adjacent to the edge and on each side of the same. Such wires pass through the eyes of the buttons or other indicating devices *C*, said eyes being of sufficient diameter to extend through the notches, so as to easily embrace the wires, as indicated in Fig. 4. It is apparent that the eyes *c* of the indicators constitute the sole means for holding the wires in the position

indicated in the several figures, and it will be further apparent that the flexibility and to some extent the elasticity of the wires enable them to be shifted inward and outward on the plate *A* to a slight degree, as indicated in Fig. 5, so that the buttons or indicators *C* may be drawn radially outward and carried over the edge of the plate from front to back, and vice versa. Thus if the list of groceries in hand lacks any particular article or commodity indicated on the face of the plate *A* the buttons or indicators *C* opposite the names of these articles will be turned over the edge and on the back of the plate, and by such position it will be indicated what articles require to be ordered. For instance, in Fig. 1 the buttons opposite the names "Meal," "Molasses," "Oranges," "Pepper," "Teas," "Pickles," "Rice," "Sugar," and "Vegetables" on the right-hand side of the plate *A* have been turned on the back of the latter, and the same is true of the indicators opposite the words "Crackers," "Cheese," "Cooking-oil," "Extracts," "Feed," and "Grits," on the opposite or left-hand side of the plate *A*. Figs. 2 and 3 serve to illustrate the appearance of the back of the plate when buttons or indicators *C* are turned in this manner to indicate articles requiring to be ordered.

The indicator may be suspended by a loop *a'*, which may be an extension of the wires *B* or otherwise, as preferred. The wires are in this instance passed through eyelets at the upper and lower ends of the plate *A*, and thus firmly secured to the latter under the requisite tension. The indicator is very useful for its purpose and ornamental in appearance. It may be very cheaply produced, and thus sold at a low price, and the indicators may be manipulated or adjusted as described with great facility.

What I claim is—

1. The improved indicator for the purpose specified comprising a plate having its edge provided with notches and a corresponding series of indicators proper having eyed shanks adapted to enter said notches, and wires, or equivalents, extending along the edges of the plate and through the eyes of the indicators proper, substantially as described.

2. The improved indicator for the purpose specified, comprising a plate having a series of peripheral notches, indicators provided with eyes adapted to enter said notches and being of greater diameter than the thickness

of the plate at the edge, and means for securing the eyes to the plate in such manner that they may be adjusted from front to back, and vice versa, of the plate, substantially as described.

5 3. The improved indicator for the purpose specified, comprising a plate having a series of peripheral notches, a corresponding series of names of articles arranged opposite the  
10 notches, and a like series of indicators in the form of buttons, or knobs, having eyes adapt-

ed to enter said notches, and wires extending on both sides of the plate adjacent to the edge thereof and through the eyes of the indicators, whereby the latter are held elasti- 15 cally in place on either front or back of the plate and may be readily shifted from one position to the other, substantially as described.

HARLEY SIGAL ELLIS.

Witnesses:

F. D. STARNES,

J. W. ROBERTS.