

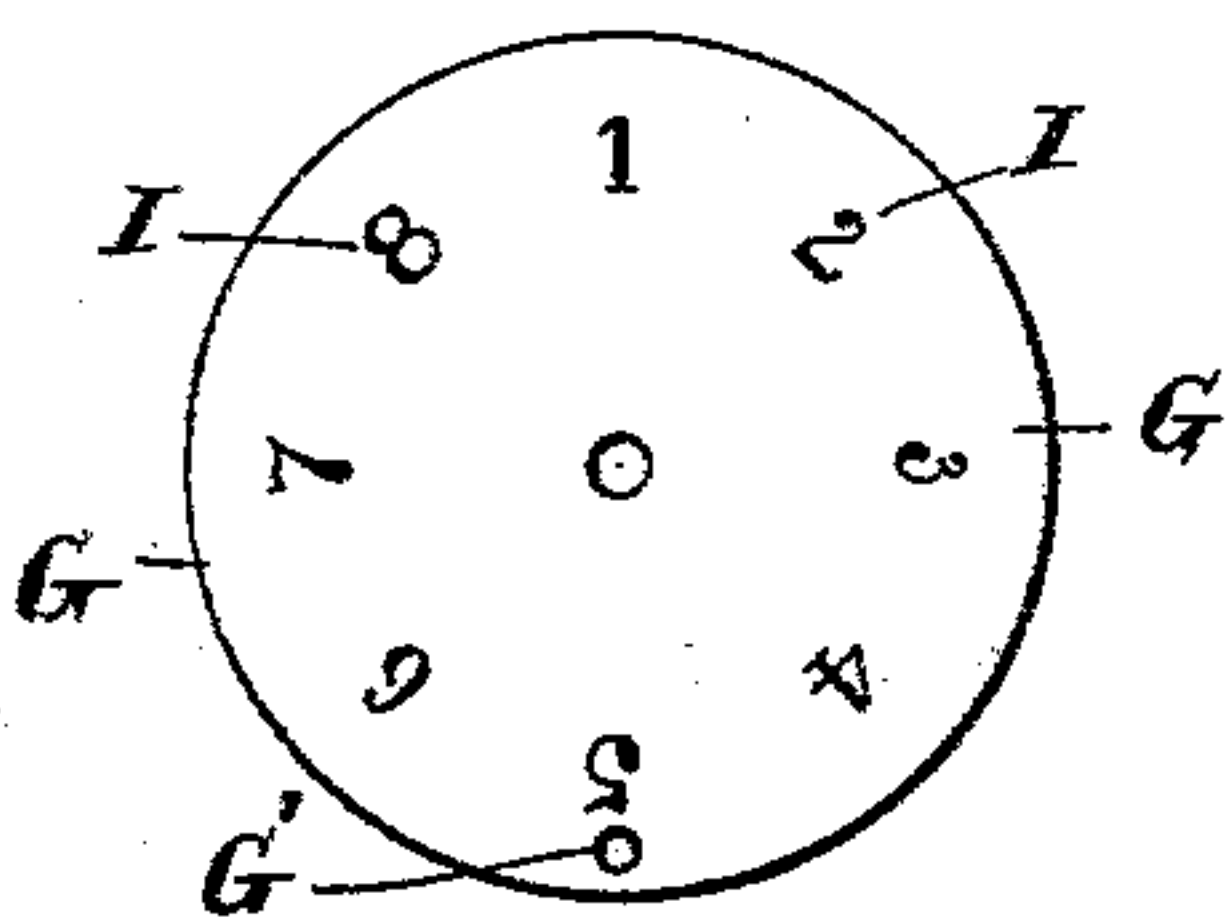
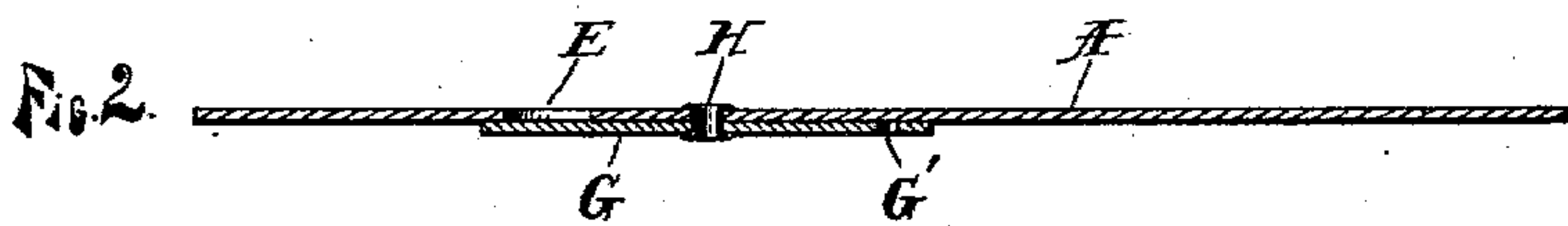
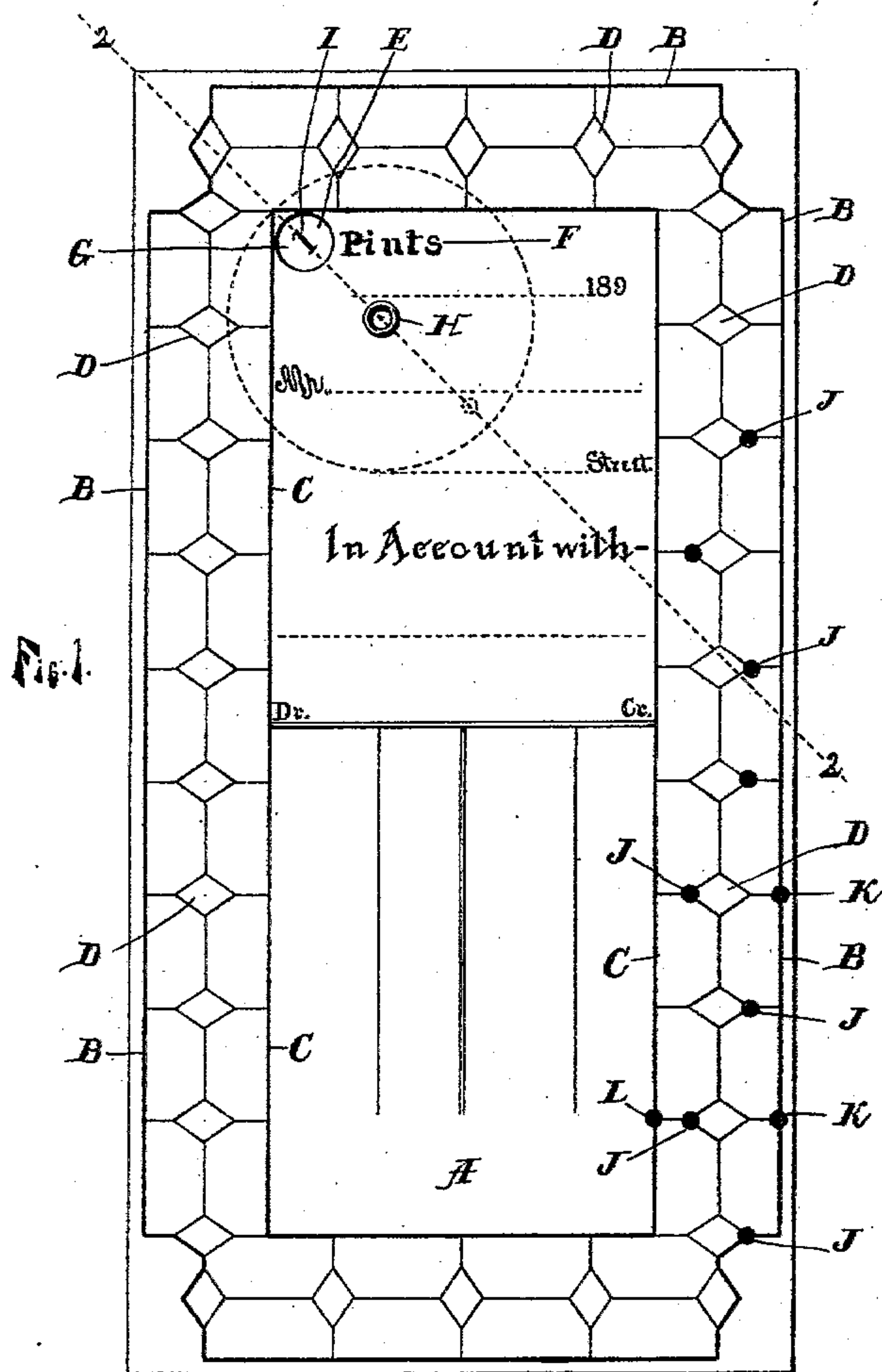
No. 629,767.

Patented Aug. 1, 1899.

C. CAHOON.  
VENDING TICKET.

(Application filed Nov. 22, 1898.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

CLARE CAHOON, OF GRAND RAPIDS, MICHIGAN.

## VENDING-TICKET.

SPECIFICATION forming part of Letters Patent No. 629,767, dated August 1, 1899.

Application filed November 22, 1898. Serial No. 697,141. (No model.)

*To all whom it may concern:*

Be it known that I, CLARE CAHOON, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Vending-Tickets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in tickets used in vending milk, beer, water, or other articles which are delivered in bottles or other packages, the said bottles or packages to be returned at a future time, and more especially to such tickets when used to record the delivery of milk in bottles and the return of the bottles when empty; and its object is to provide the same with means whereby a correct record of delivery of milk and return of bottles may be kept by punching said card and to provide the same with certain other new and useful features hereinafter more fully described, and particularly pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a plan view of a device embodying my invention; Fig. 2, a section of the same on the line 2 2 of Fig. 1, and Fig. 3 a detail of the adjustable index.

Like letters refer to like parts in all of the figures.

My device consists, essentially, of a rectangular card having certain marginal lines and figures which indicate by their relation to certain openings punched in the card the amount of milk delivered at any certain time and whether or not the bottles previously delivered with milk therein have been returned, and in addition thereto said card is provided with a movable index to indicate the number of pints, quarts, or other units of quantity wanted at the next delivery, and said card is also ruled on its inner part suitably for keeping an account of partial payments on its valuation and the purchaser's name and location.

In the drawings, A represents a rectangular card of suitable dimensions having outer lines B near its margins on each of its four sides and at a distance therefrom and parallel thereto the inner lines C. At intervals between said lines are diamond-shaped figures

D, having their longer diameters arranged transversely to the lines B and C and located midway between the same. The central portion of the card is suitably ruled, as shown, for entering the date, purchaser's name and location, and keeping an account. In one corner of this inner portion is an opening E, through which is displayed in succession as the index G is turned a series of numbers I. The index G consists, preferably, of a disk of cardboard attached to the back of the card A by a suitable rivet or eyelet H, upon which the disk is rotative, and so located as to bring the numerals I, located in a circle near the margin of the disk, in succession opposite the opening E in the card. An opening G' in said disk is provided to facilitate turning the same. Adjacent to the opening E is printed or written the name of the units of measurement wanted, as at F—pints, quarts, or gallons, &c., as the case may be.

This ticket is adapted for use as follows: The purchaser sets the index G to show the number of pints or other units wanted, the drawings showing it set at one pint. When this amount is delivered, the ticket is punched at one of the acute angles of the first diamond in the series, as at J. The next delivery is punched at the opposite angle of the next diamond, and so on alternately. If the bottle left at the previous delivery is returned, no further punching is done; but in the event it is not so returned the fact is indicated by punching opposite the delivery punch-mark on the debit or outer line B, as at K. This indicates that the bottle delivered at the time the adjacent diamond was punched was not returned. Should it be returned later on, the credit is entered by punching on the inner line C opposite the punch-mark K, as at L. Should the index be shifted to two pints and the same delivered, then two diamonds are punched on the corresponding angles consecutively, as shown at the middle of the card in the drawings, and in like manner for any greater number of pints at one delivery. Thus by alternating the punch-marks, as described, the number of empty bottles due at the subsequent delivery can be known. The entry of the date, purchaser's name, location, and accounting is obvious and needs no further description. It is ob-



vious that any other geometrical figures having respective sides would serve in place of the diamonds shown; so, also, any other series of numbers and shifting index. I have, however, shown the preferred form of these elements. It is also obvious that this card may be used in conjunction with the delivery of beer, water, or any other goods in packages or bottles, the packages or bottles to be returned later on.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A ticket having marginal lines or figures which are adapted to indicate by their relation to punch-marks, the delivery of goods and return of bottles or packages, an opening in said ticket, and a shifting index having a series of numerals and adapted to display one of said numerals at a time through the opening in the ticket, substantially as described.

2. A ticket having outer lines near the margins and inner lines parallel thereto and at a distance therefrom, geometrical figures between said lines and at regular intervals, an

opening in the card within the inner lines, a rotative disk attached to the ticket, and a series of numbers on said disk adapted to show through said opening in succession as the disk is turned on its axis, substantially as described.

3. A ticket consisting of a rectangular card having outer lines near its margins, inner lines parallel thereto and at a distance therefrom, diamond-shaped figures at intervals between the lines and having their greater diameters transverse to said lines, an opening within the inner lines, a disk attached to the card by a central pivot and rotative thereon, a series of numerals at intervals on said disk and successively opposite the opening in the card as the disk is turned, and rulings for date, purchaser's name and location, and an account on the inner portion of said card, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

CLARE CAHOON.

Witnesses:

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LUTHER V. MOULTON.