

W. V. BAUMAN.
ATTACHMENT FOR CASH REGISTERS.
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1,041,405.

Patented Oct. 15, 1912.

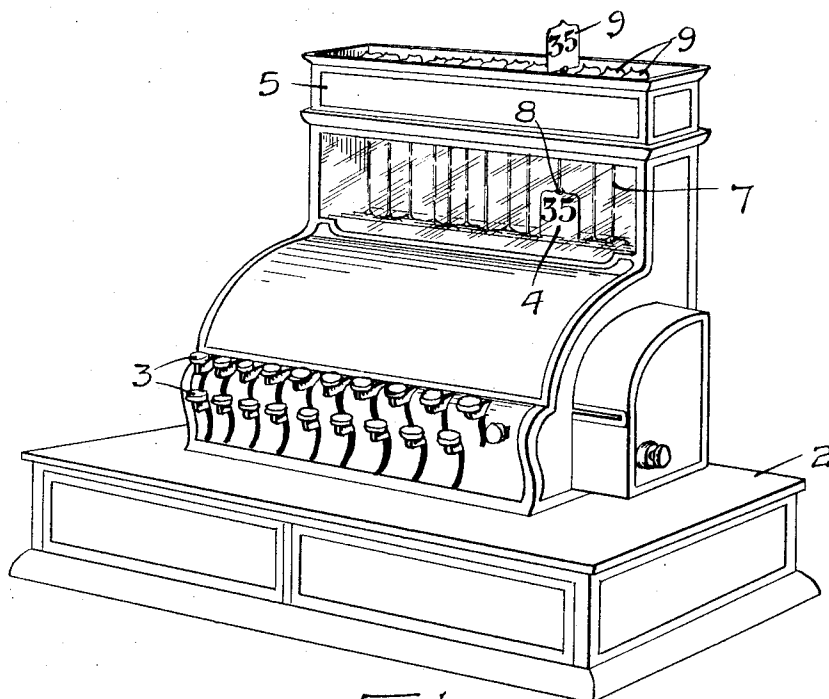


Fig 1.

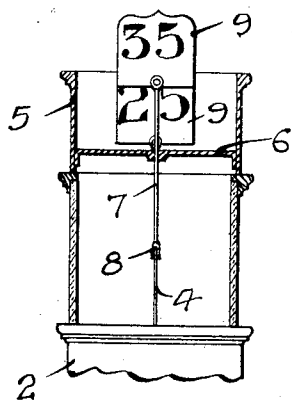


Fig 2.

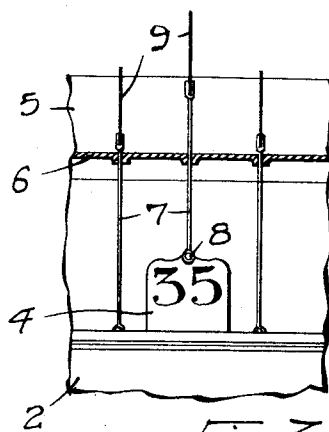


Fig 3.

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ATTACHMENT FOR CASH-REGISTERS.

1,041,405.

Specification of Letters Patent.

Patented Oct. 15, 1912.

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To all whom it may concern:

Be it known that I, WILLIAM V. BAUMAN, of Minneapolis, Hennepin county, Minnesota, have invented certain new and useful
5 Improvements in Attachments for Cash-Registers, of which the following is a specification.

My invention relates to indicating devices for cash registers by means of which a person standing at the end of the register, or at a point in the room where only the end of the register can be seen, can read the amount rung up by the clerk or operator of the machine as easily as the person standing in
15 front of the machine.

The invention consists generally in supplemental or duplicate indicators connected with the primary indicators of a cash register and readable from the end of the machine.
20 chine.

In the accompanying drawings forming part of this specification, Figure 1 is a perspective view of a cash register with my invention applied thereto, Figs. 2 and 3 are
25 detail sectional views illustrating the arrangement and the manner of mounting the auxiliary or supplemental indicators.

In the drawing, 2 represents a cash register having keys 3 and indicators 4 connected with the key bars to indicate to the purchaser the amount of the purchase. These indicators are disposed in planes running lengthwise of the machine so that only the person in the front and the rear of the machine can read the amount on the indicator and determine the key that is struck by the operator of the machine. In places having a long counter or bar, like a saloon, the proprietor at the end of the bar may
40 hear the machine operated by the bar-tender but cannot possibly tell the amount rung up without going to the front or rear of the machine. The bar-tender or clerk is thus in position to ring up a different amount from that of the purchase and thereby defraud his employer and defeat the purpose for which the machine is used. To obviate this objection, I mount a supplemental casing 5 on the top of the register, provided with a floor
50 6 therein through which a series of rods 7 depend and are vertically slidable, having their lower ends provided with a clamp device 8 for gripping the upper end of the register indicators 4. On top of the rod 7 I
55 arrange a series of supplemental indicators 9, corresponding to those in the register be-

neath but disposed in planes at right angles substantially to the plane of the indicators 4, and adapted to be projected above the top of the casing 5 when the indicators 4 are
60 operated to enable the proprietor, or any person looking at the end of the machine, to easily determine the amount that is rung up by the clerk or bar-tender. The proprietor is thus able to keep a mental check on the operation of the machine and more easily detect any pilfering on the part of his employees.
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I do not wish to be confined to the specific means employed for connecting the duplicate indicators with the primary indicators of the register, as various modifications thereof may be devised by any one skilled in this art.
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I claim as my invention:—

1. A cash register having keys, a group of primary indicators bearing characters readable from the front of the machine to indicate the amount of the purchase, in combination with a casing mounted on said register, a group of duplicate indicators within said casing and connected with said primary indicators for simultaneous movement, said duplicate indicators bearing characters corresponding to those of said primary indicators and readable from the end of the machine.
75 80 85

2. The combination, with a cash register and its indicator plates, of a casing mounted thereon, a series of duplicate indicator plates
90 disposed within said casing and having depending rods, the lower ends of said rods being attached to the indicator plates of the register and vertically movable therewith, said duplicate plates being visible above the top of their casing and disposed in planes at an angle to the plane of the register plates, for the purpose specified.
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3. The combination, with a cash register and its indicator plates, of a casing mounted thereon, a series of rods vertically slidable in said casing and disposed in staggered relation to one another, the lower ends of said rods being attached to the indicator plates of said register and vertically movable therewith, and duplicate indicator plates mounted on the upper ends of said rods and visible at the end of the register when the register indicators are raised, and said duplicate indicators being disposed in
100 105 110 planes at an angle to the planes of said register indicators.

4. A cash register having keys and a series of plates to indicate the amount of the purchase, said plates being disposed in staggered relation to one another, and a corresponding number of duplicate plates connected with said first named plates for simultaneous movement and also arranged in staggered relation to one another and bearing marks or characters which are readable from the end of the machine.
5. A cash register having a key-board and a series of primary indicators bearing characters readable from the front of the machine to indicate the amount of the purchase, in combination with a series of duplicate indicators bearing characters corresponding to those of the primary indicators and disposed above said primary indicators, rods connecting said duplicate indicators with said primary indicators, said duplicate indicators bearing characters corresponding to those of said primary indicators and visible from the end of the machine.
6. A cash register comprising a series of keys and a series of primary indicators bearing characters indicating the amount of the purchase, said primary indicators being readable from the front of the machine, in combination with a casing mounted on said register, a series of duplicate indicators arranged in said casing and bearing characters corresponding to the characters of said primary indicators and readable from the end of the machine, and means operatively connecting said duplicate indicators with said primary indicators through the top of said register.
7. The combination, in a cash register, with a series of keys, of duplicate indicators for each key arranged one above the other in planes at right angles to each other, substantially as described.
8. The combination, in a cash register, with a series of keys, of duplicate indicators for each key arranged one above the other and in planes at right angles to each other and a suitable casing concealing said duplicate indicators when in a depressed position, and permitting the characters upon one set of indicators to be readable when elevated from the front of the machine and upon the duplicate indicators to be readable from the end of the machine, substantially as described.
- In witness whereof, I have hereunto set my hand this 12th day of December, 1911.
- WILLIAM V. BAUMAN.
- Witnesses:
GENEVIEVE E. SORENSEN,
EDWARD A. PAUL

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