(No Model.)

C. T. DANIELS.

CHECK REGISTER.

No. 493,985. Patented Mar. 21, 1893.

Fig 1

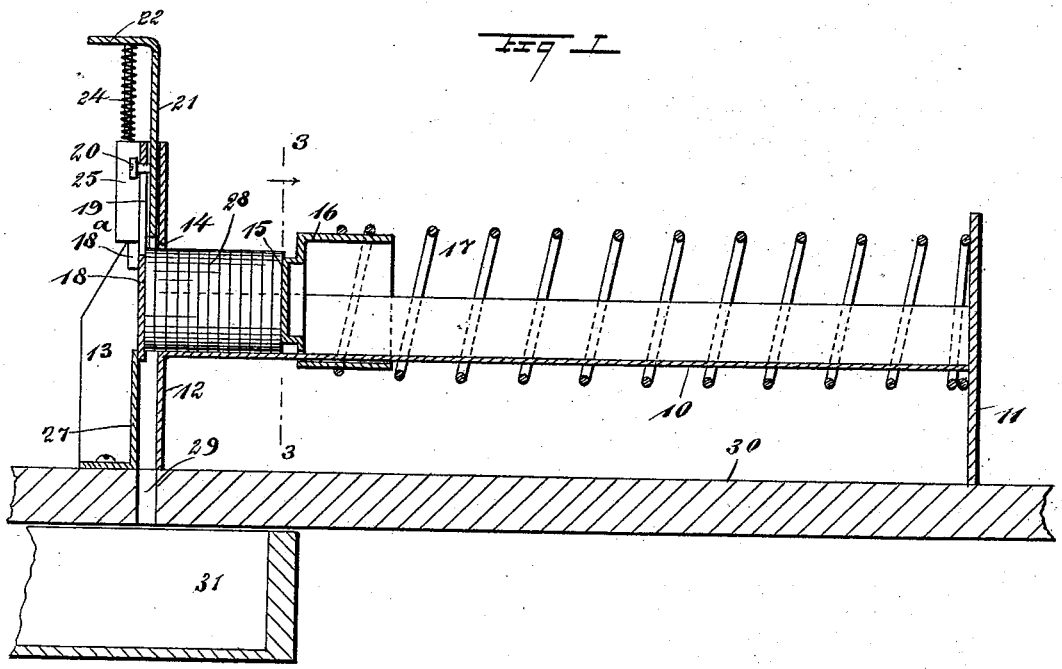


Fig 2

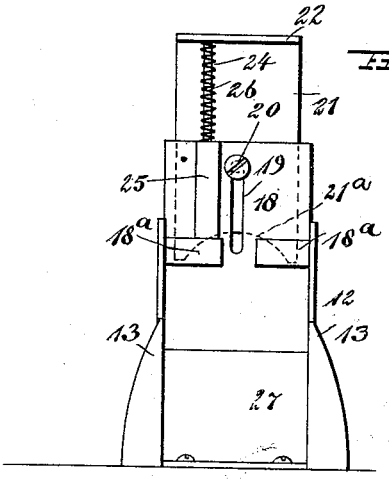
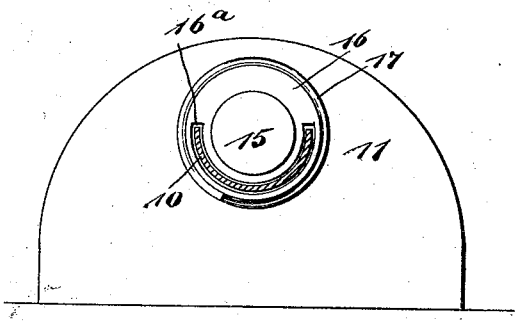


Fig 3



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CAROL T. DANIELS, OF NAPERVILLE, ILLINOIS.

CHECK-REGISTER.

SPECIFICATION forming part of Letters Patent No. 493,985, dated March 21, 1893.

Application filed July 12, 1891. Serial No. 439,796. (No model.)

To all whom it may concern:

Be it known that I, CAROL T. DANIELS, of Naperville, in the county of Du Page and State of Illinois, have invented a new and Improved Sales-Register, of which the following is a full, clear, and exact description.

My invention relates to improvements in that class of devices which are used for keeping an accurate record of sales made during the day; and the object of my invention is to produce a simple, convenient, and positively working apparatus which may be easily arranged for use and by which an absolutely accurate account of the sales made may be easily kept.

To this end my invention consists in a sales register, the construction of which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a central longitudinal section of the device, showing it in position for use. Fig. 2 is a front elevation of the register; and Fig. 3 is a cross section on the line 3—3 in Fig. 1.

In carrying out my invention, a number of troughs 10, of semi-circular cross section, and the mechanism connected therewith, are used, different numbered tablets being used in each one, but in the drawings a single trough and its connected mechanism is shown, this being enough to fully illustrate the invention. The trough 10 is open on its upper side and is secured at one end to a support 11 and at the opposite or front end to a support 12, this latter support having preferably side walls 13 to give it increased strength and to provide for conveniently attaching other parts, as described below. The support 12 has a hole 14 near the center, through which the numbered tablets are pushed, as hereinafter described, and this is effected by means of a circular head 15 formed on the face of a sliding plunger 16 which slides on the trough 10 and has a semi-circular slot 16^a to receive the trough. The plunger is normally pressed forward by a spiral spring 17, which is secured to the plunger and encircles the trough, the rear end of the spring abutting against the support 11. By this construction and combination of parts, I am enabled to use a sliding plunger with an open-topped trough, so that the plunger is both held thereon and guided in its reciprocation. A keeper plate 18 extends across in front of the upper part of the support 12, this plate having preferably lugs 18^a to facilitate its attachment to the side walls of the support 12 and the keeper plate is slotted vertically, as shown at 19, so as to receive the limiting screw 20 which projects through the slot and is secured to the ejecting plate 21, this plate having preferably a concave lower end 21^a to enable it to fit the tablets nicely and a bent upper end 22 which serves as a key and enables it to be easily depressed. The distance between the keeper plate 18 and the back of the support 12 is such that a numbered tablet will be held snugly therein and the downward movement of the ejector will push out the tablet as described below. The ejector is normally pressed upward, so that the lower end of the plate 21 will be above the hole 14, by a spiral spring 24, which is arranged beneath the key piece 22 and it is held in a spring barrel 25. Within the spring is a common form of guide rod 26 adapted to also enter the barrel.

Beneath the keeper plate 18 is a guide plate 27, although the device may be used without this plate, and the guide plate 27 extends between the side walls 13 of the support 12 and forms a slideway between itself and the support 12 through which one of the numbered tablets 28 may pass. A slot 29 registers with this slideway, this slot being produced in the counter, or other support 30, to which the device is attached, and beneath the slot 29 is a drawer 31 adapted to receive the tablets. The tablets 28 are preferably circular and may be made of some cheap smooth material, such as celluloid, and they are of a size which enables them to pass easily through the hole 14 and are numbered to correspond to the price of the article sold. These tablets are piled one behind another in the trough 10 and in front of the plunger 16, so that they will be pushed one by one through the hole 14 and beneath the ejector 21. In practice a number of these troughs and projecting mechanisms are used, but the tablets of the several troughs represent different amounts and the key piece 22 or some portion of the support 12 opposite each trough is marked to indicate the amount

represented by each tablet in the trough; that is to say, the tablets of one trough would be marked, for instance, ten cents and the support in front would be similarly marked, the tablets in another trough and the support adjacent thereto would be marked 15 cents, and so on. The pressure of the spring 17 presses the tablets forward so that one will always be in position beneath the ejector or ejecting plate 21. When a sale is made, the salesman simply presses downward on the key piece 22 and the plate 21 slides downward and pushes the front tablet 28 down through the slot 29 and into the drawer 31, after which the spring 24 raises the ejector, and the spring 17 and plunger 16 forces another tablet into place.

It will be understood that any desired number of the troughs and attachments may be used, according to the character of the sales made.

It will be noticed by reference to Fig. 1, that the head 15 of the plunger 16 is of a size to enter the hole 14 in the support 12 and consequently the last tablet in the trough will be pushed forward into position as well as those in advance of it.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a sales register, the combination with the tablet holding trough 10, which is open on the upper side, of a spring-pressed plunger having a slot, which receives said trough, whereby the plunger is supported and guided in its reciprocating movement, the keeper-plate at the front of the trough, and a tablet ejector, arranged to slide between the trough and keeper-plate, substantially as shown and described.

2. In a sales register, the combination with the tablet-holding trough, and spring-pressed plunger, the keeper-plate in front of the trough, and the tablet-ejecting plate arranged behind the keeper-plate, having its upper end bent forward, of the spring barrel or socket, the spring arranged therein and beneath the bent end of the ejector, a guide rod on which the spring is coiled and the slot and screw for limiting the movement of the ejector, as shown and described.

CAROL T. DANIELS.

Witnesses:
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