

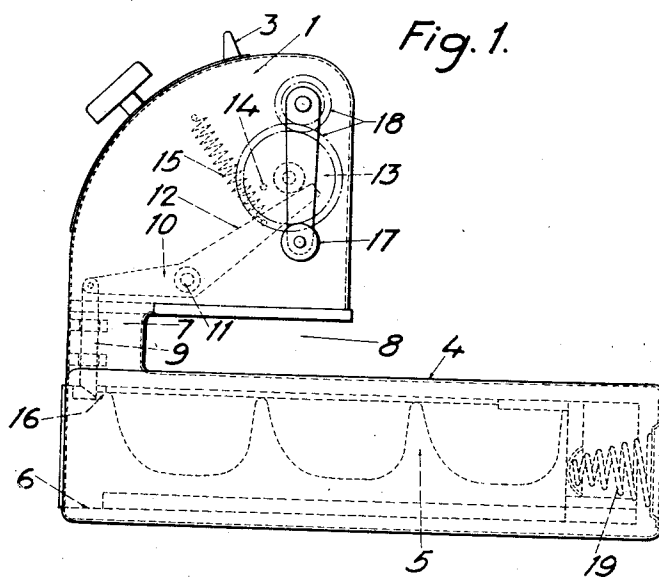
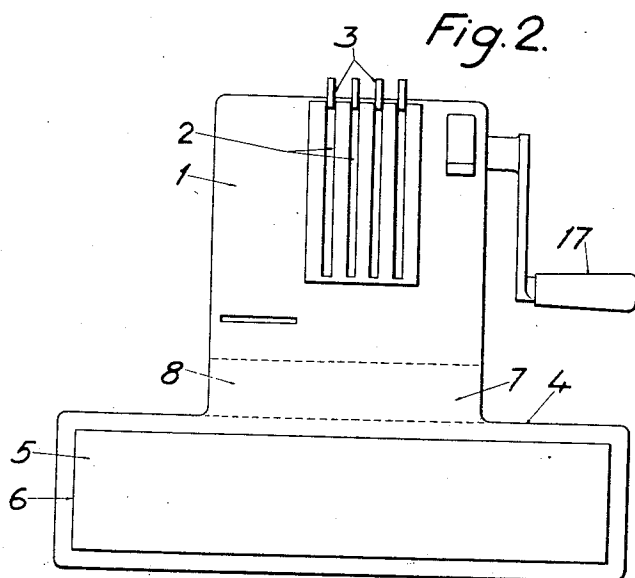
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CASH REGISTER

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CASH REGISTER

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1 Claim. (Cl. 235—7)

The present invention relates to cash register assemblies having a casing enclosing a cash drawer and a cash register.

One object of my invention is to provide a cash register assembly of this type which, while accommodating a normally sized cash drawer, occupies less than normal counter space.

Another object of my invention is to devise a cash register assembly in which the cash drawer is disposed out of sight and reach of the customer substantially below the counter, while the section of the casing enclosing the cash register mechanism and carrying the operating elements is arranged for convenient operation and observation above the counter.

A still further object of the invention is to construct a cash register assembly of this type, which can be detachably mounted on the side of the counter without any special fixtures by simply slipping it over the side of the counter and which can be detached easily and rapidly from the counter.

I accomplish these and other objects which will appear as the description proceeds, by means of the construction and combination of elements described in the following specification, set forth in the appended claim and illustratively exemplified in the accompanying drawing, in which

Figures 1 and 2 show the cash register, when viewed from two sides perpendicular to each other.

Referring to the drawing numeral 1 indicates the casing enclosing the register, the said casing being provided with a number of slots 2, in which levers 3 are movable, the said levers being formed as finger grips and serving for adjusting type wheels and/or indicators. 4 indicates the housing enclosing the cash box drawer 5, which is provided with various compartments for coins, the said housing being provided with an opening 6 for the said drawer. According to the invention the bottom of the casing 1 is located at some distance from the upper surface of the housing 4 and the casing 1 is united with the housing 4 by means of a support 7 covering only a small part of the bottom surface of the casing 1. As will be seen from the drawing the upper surface of the housing 4, both as regards length and width, is considerably larger than the bottom surface of the casing 1 and the support 7 is provided at the center of the upper edge portion of the housing 4, which edge portion extends along the opening 6. Hereby an interspace 8 is formed between the bottom of the casing 1 and the upper side of the housing 4, which interspace is relatively large in

length and width in relation to the bottom surface of the casing 1 and in which it is possible to insert the top of a store counter, by which the register will be located above the top of the counter and the drawer 5 will be located below the top of the counter and is steadily carried only by the support 7. Thus, the only space on the counter required by the cash register is the space filled by the bottom surface of the casing 1. From the above statements it is clear that for applying the cash register in its place no mounting work whatever is required.

In cash registers of the kind concerned it is customary to provide the drawer 5 with a blocking mechanism, which blocks the drawer when the latter is in the inserted position but which is releasable during the working stroke of the cash register. In order that it shall be possible in the cash register in question to obtain, by means of the register, releasing of the blocking mechanism of the drawer the support 7 should be made hollow and in the same either one or more blocking members or one or more motion transmitting members actuating the blocking member should be provided. In the embodiment shown the blocking member consists of a bolt 9, which is adapted to be displaced up and down and one end of which is united with one arm 10 of a two-armed lever, which is swingable around a shaft 11 and with the other arm 12 of which a pin 14 is adapted to cooperate, the said pin being eccentrically secured on a rotatable disc 13. By means of a spring 15 the bolt, when the drawer is in the inserted position, is held in engagement with a shoulder 16 at the front wall of the drawer 5. When turning the handle 17 the disc 13, however, via a transmission gear 18 is put into rotation and when, during such operation, the pin 14 actuates the lever 12 the bolt 9 enters out of engagement with the shoulder 16, during which operation the spring 19 pushes out the drawer 5.

Of course, several different embodiments may be devised within the scope of the invention. Thus, the support 7 may, of course, be varied in many ways and the same may be provided at an optional place at the upper edge portion of the housing 4, which edge portion extends along the opening 6, and/or at some of the upper edge portions extending perpendicularly to said first-mentioned edge portion, without it being necessary, therefore, to abandon the idea upon which the invention is based.

Having now described my invention, what I claim as new and desire to secure by Letters Patent is:

In a cash register assembly, a casing enclosing a cash drawer and a cash register mechanism and adapted to be detachably mounted upon the side of a counter, said casing comprising a drawer
5 section to be disposed substantially beneath the counter and open at its front to receive the drawer, a register section to overlap the counter and carrying means for operating said mechanism, an upright hollow column between said
10 drawer and register sections rigidly united with

the front portions of said two sections and separating the same so as to provide a rearwardly open recess with parallel upper and lower walls adapted to embrace the counter, a lock in the front part of said drawer section to normally arrest the drawer in its closed position, and means
5 extending through said hollow column for releasing said lock in dependence upon the operation of the cash register mechanism.

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