Feb. 24, 1942. M. E. BOEKELOO 2,273,816

MARKING MACHINE

Filed April 14, 1941

Fig. 1.

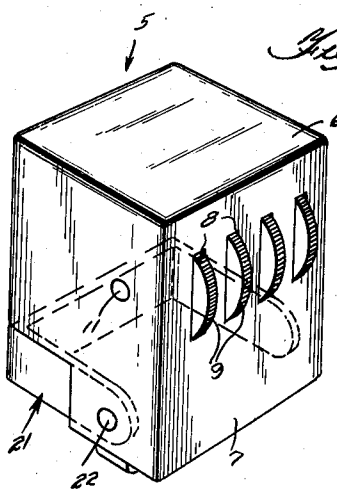
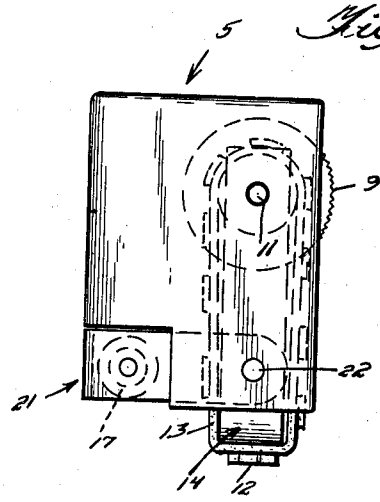


Fig. 2.



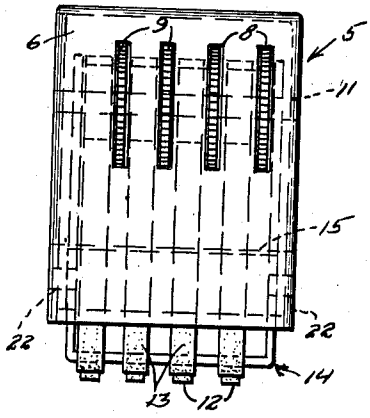


Fig. 3.

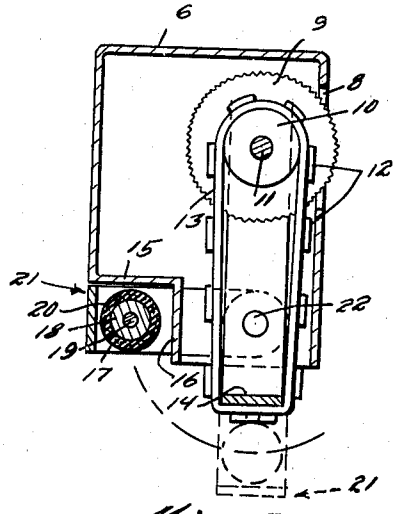


Fig. 4.

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UNITED STATES PATENT OFFICE

2,273,816

MARKING MACHINE

Merrill E. Boekeloo, Lancaster, Calif.

Application April 14, 1941, Serial No. 388,508

1 Claim. (Cl. 101—103)

My invention relates to improvements in portable marking machines especially although not necessarily adapted to the marking of retail merchandise and packages, and the primary object of my invention is to provide a compact portable arrangement of this character which includes its own protected inking pad, and is easily adjusted and operated.

Other important objects and advantages of my invention will be apparent from a reading of the following description taken in connection with the appended drawing, wherein for purposes of illustration I have shown a preferred embodiment of my invention.

In the drawing:

Figure 1 is a general front perspective view of the embodiment.

Figure 2 is a side elevational view.

Figure 3 is a somewhat enlarged front elevational view.

Figure 4 is a transverse vertical sectional view taken through Figure 3, with the inking pad shown in operative position in phantom lines.

Referring in detail to the drawing, the numeral 5 generally designates the device as a whole, the same comprising a rectangular box-like housing 6 formed in its front wall 7 with a row of vertical slots 8 to expose milled or knurled disks or wheels 9 for selective operation of the type belt bearing rollers 10 which are rotatably mounted on the shaft 11 which is journaled in the opposite side walls of the housing 6 in the upper forepart thereof. The characters 12 project from the outer side of the flexible elastic belts 13 which are trained over the rollers 10 and also under a U-shaped applicator 14 which depends from the open lower end of the housing 6 along the front part thereof, the legs of this U-shaped form 14 extending up along the inner opposite sides of the housing and being journaled on the shaft 12. The knurled disks or wheels 9 are secured to the rollers 10 to which they relate and are located alongside the said rollers on the shaft 11, the disks 9 projecting outwardly through the slots 8 for convenient manual operation to move the selected characters 12 to a position underneath the applicator 14. In this position the belts 13 conform flatly with the bottom of the horizontal portion of the applicator 14, so that the characters then in position are applied flatly and even to the work.

The rear lower portion of the housing 6 has an upset bottom wall 15 which terminates at its forward end in a depending vertical wall 16, these two walls providing a receptacle for the inking roller 17 which is in the form of a solid rigid mandrel 18 mounted on the shaft 19, the mandrel being covered by a suitable compressible ink bearing material 20. The shaft 19 is journaled between the legs and adjacent the bight portion of a bail 21 the forward ends of whose legs are pivoted as indicated by the numerals 22 to the inner sides of the side walls of the housing 6 and between these side walls and the vertical legs of the applicator, the legs of the bail 21 being inserted through slots at the ends of vertical walls 16 of the said housing. In the inoperative position of the bail 21 the legs thereof protect the ends of the inking roller, and the bight portion of the said bail protects one side of the inking roller, the remaining side and top of the inking roller being protected by the walls 15 and 16 of the housing 6. In view of this arrangement contact of the inking roller with objects on which the machine is laid is ordinarily prevented and the roller protected from accumulating dust or other dirt which would impair its efficiency.

The bail 21 is adapted to be swung downwardly to the dotted line position shown in Figure 4 so that the inking roller 17 is in a position to engage forcibly with the character 12 then in position under the applicator 14 and roll across the face of the character so as to properly ink the same. This applies to all of the characters on the various belts 13 which may then be in position under the applicator.

Although I have shown and described herein a preferred embodiment of my invention, it is to be definitely understood that I do not wish to limit the application of my invention thereto, except as may be required by the scope of the subjoined claim.

Having described the invention, what is claimed as new is:

In a marking machine including a housing having an opening in its bottom, a bar located below the opening and a type carrying belt passing under the bar, a yoke-shaped bail having the extremities of its arms pivoted to the inner faces and lower portions of the side walls of the housing, said housing having a recess in its lower portion offset from the opening, said recess being formed by an inwardly extending horizontal wall connected at its outer edge to the lower part of a wall of the housing and a vertical wall depending from the inner edge of the horizontal wall, the ends of the vertical wall being inwardly spaced relative to the planes of the walls to which the bail is pivoted with the legs of the bail passing by said ends when the bail is in raised position and an inking roller journaled in the legs of the bail adjacent the bight thereof, said bail when in raised position holding the inking roll in the recess with the bight of the bail closing the outer side of the recess.

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