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PRINTING DEVICE FOR SCALES  
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Serial No.  
308,278

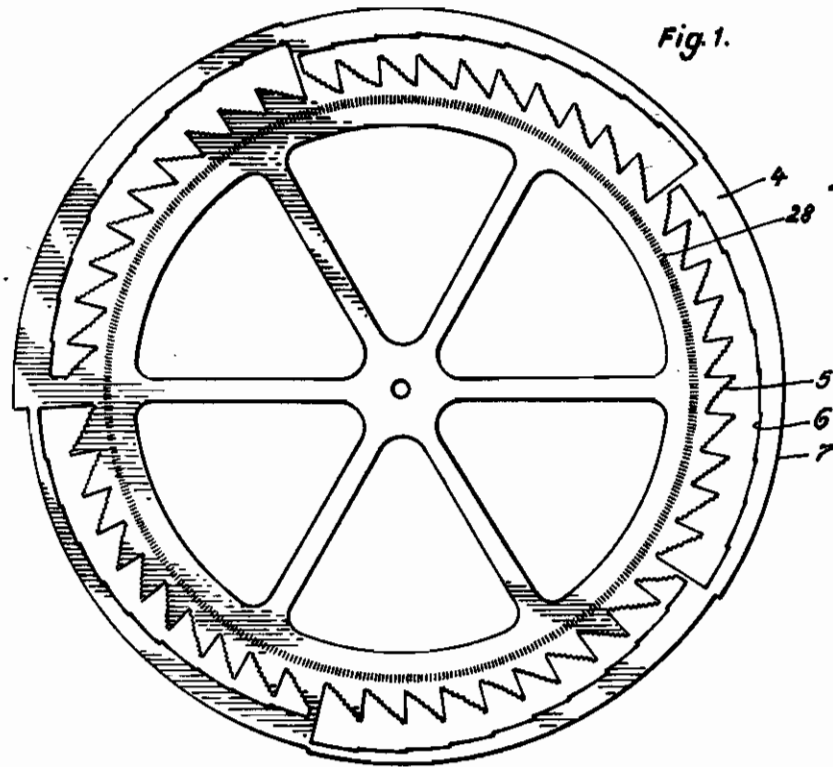


Fig. 2.

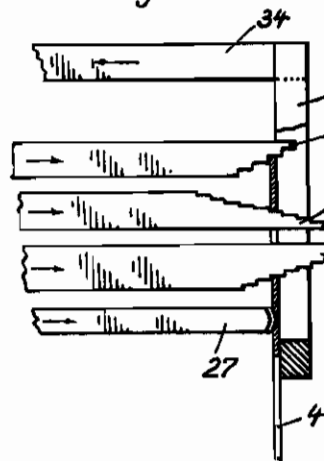
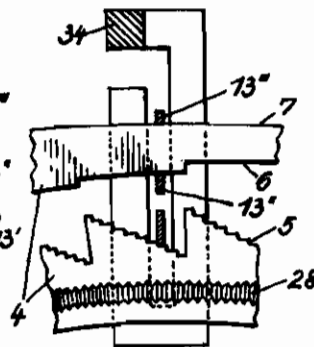


Fig. 3.



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# ALIEN PROPERTY CUSTODIAN

## PRINTING DEVICE FOR SCALES

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Application filed December 8, 1939

This application is division of applicant's co-pending application Serial No. 179,565, filed December 13, 1937, and my application Serial No. 308,277, filed Dec. 8, 1939.

The present invention relates to a thin sheet metal disc provided with cut-out portions which cooperate with feelers so that the latter will set the type wheels of the printing weighing scales disclosed in said applications. It is an object of the invention to provide a cut out portion in the disc with two opposite sets of stepped cut-out portions to accommodate two feelers for two different settings of the number digits corresponding to the weight units of the scale.

Further objects will be apparent from the following description taken in connection with the accompanying drawing in which:

Figure 1 is a front view of the disc,

Fig. 2 is a plan view of the feelers in a set position on the disc with the latter shown partially in section, and

Fig. 3 is a side view of Fig. 2 with the feelers in section.

This invention relates to a part of the setting mechanism for the printing device disclosed in said applications and comprises a thin sheet metal disc 4 provided with cut-out portions forming stepped stop sections 5, 6 and 7. The disc 4 may be stamped out in any usual manner and in the form illustrated in Fig. 4 the stepped

stop section 5 may indicate the units, the sections 6 the tens and the section 7 the hundreds. For instance each unit section has ten groups of ten stops, that is a stop for each, the tens section 6 has ten stops and the hundreds section 7 has five stops to a maximum of five hundred. Such a series of divisions and sub-divisions may be used for metric weight measures but for ounces and pounds the sections 5 are divided into fifteen stops, the sections 6 into nine stops and the sections 7 into four stops.

Figure 1 of the drawing illustrates the disc itself whereas Figs. 2 and 3 illustrate the cooperation of the feelers 13', 13'', and 13''' in contact with the disc on the assumption that an object or material is weighed which has a weight of 247, the actual measure of weight being immaterial for purpose of illustration and the feelers occupying the steps on line II—II of Fig. 1. Figs. 2 and 3 also illustrate the reinforcing member 34 with the bar 33 against the side of the disc 4 to maintain the disc 4 in a rigid position during the setting operation. The locking bar 27 acts in cooperation with one of the grooves 28 to lock the disc 4 against accidental rotation.

Figs. 2 and 3 illustrate the cooperation of two feelers 13'', 13' in the cut out portion as defined by the oppositely arranged stepped stop sections 5 and 6.

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