

No. 692,820.

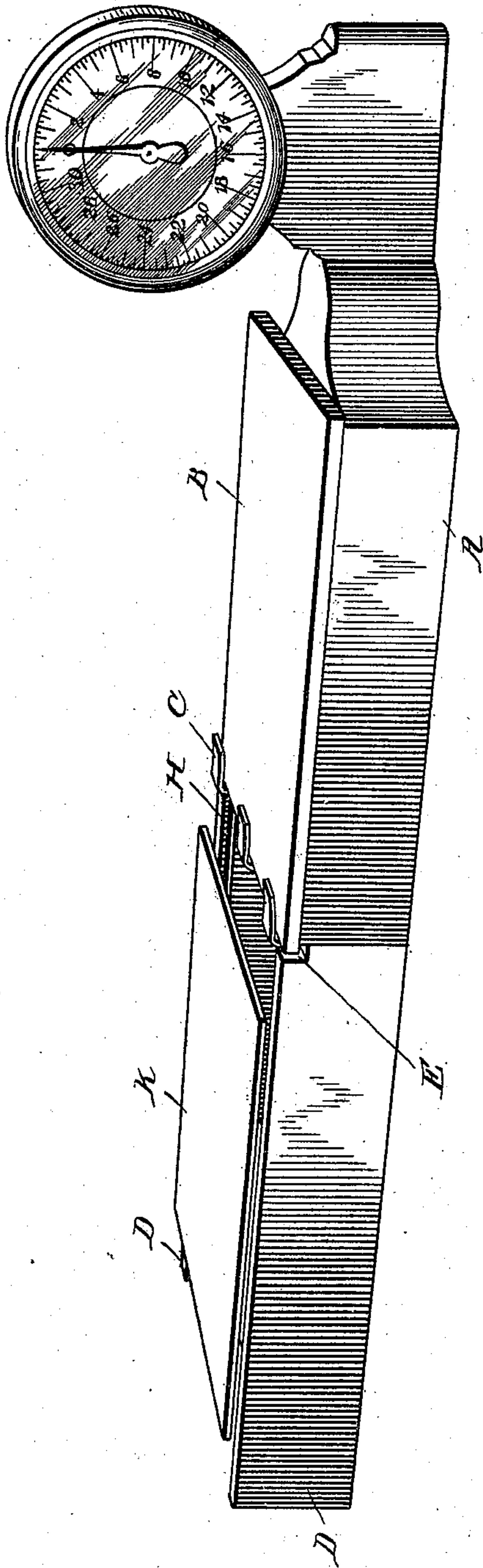
L. BOTZ.
SCALE.

(Application filed Sept. 8, 1900.)

(No Model.)

Patented Feb. 11, 1902.

Fig. 1.



Witnesses
J. P. Brett
Charles Shaw

Fig. 3.

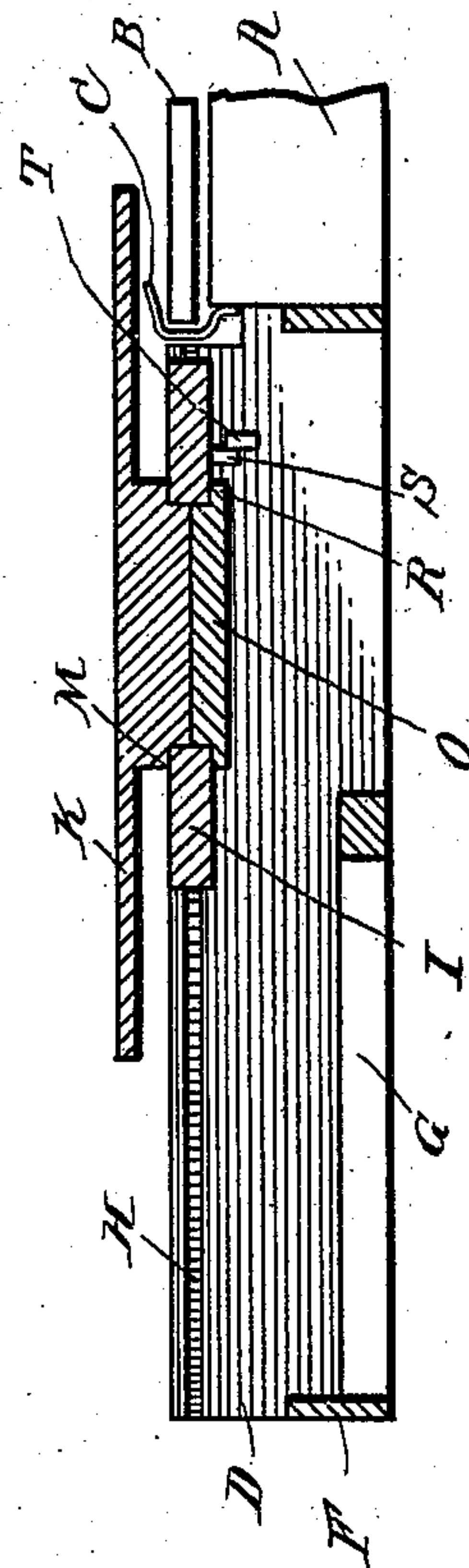
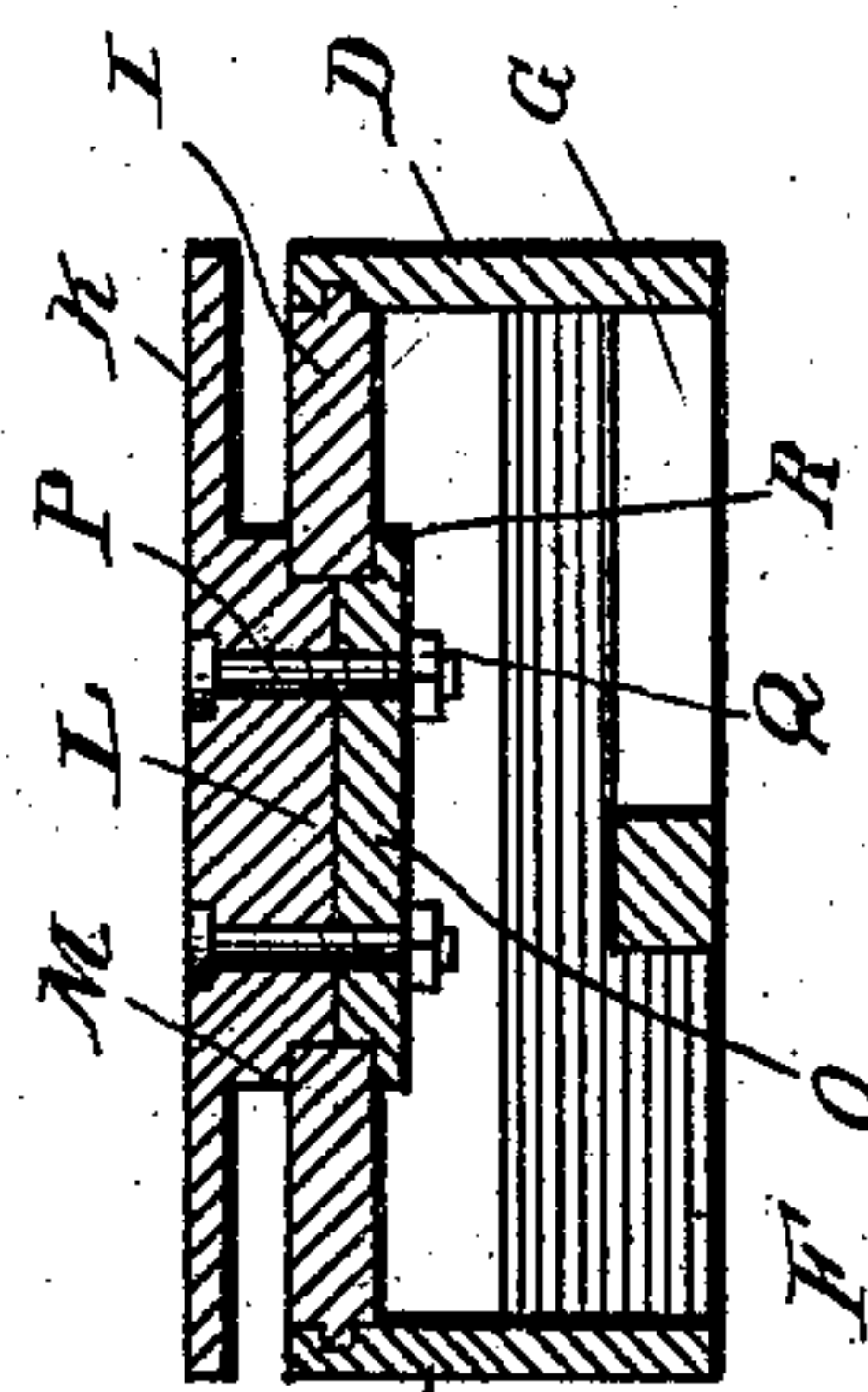


Fig. 2.



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UNITED STATES PATENT OFFICE.

LEW BOTZ, OF BERLIN, WISCONSIN.

SCALE.

SPECIFICATION forming part of Letters Patent No. 692,820, dated February 11, 1902.

Application filed September 8, 1900. Serial No. 29,407. (No model.)

To all whom it may concern:

Be it known that I, LEW BOTZ, a citizen of the United States, residing at Berlin, in the county of Green Lake and State of Wisconsin, have invented a new and useful Improvement in Scales, of which the following is a specification.

This invention relates to improvements in scales, and particularly to an attachment for weighing-scales by the use of which meat or other articles of food may be conveniently supported in such position with relation to the scales that as slices or portions are cut therefrom they will fall directly on the plate of the scales, which avoids the necessity of cutting a quantity of the article and placing the same on the scales and then adding thereto or taking therefrom, according as the same is too light or too heavy.

With the above object in view the invention consists in the novel features of construction hereinafter fully described, particularly pointed out in the claim, and clearly illustrated by the accompanying drawings, in which—

Figure 1 is a perspective view of my invention applied to a weighing-scale. Fig. 2 is a transverse sectional view. Fig. 3 is a vertical longitudinal sectional view.

Referring now more particularly to the drawings, A designates the frame of a weighing-scale and the scale-plate thereof. Secured to the front face of the scale-frame are the clasps C, which curve inwardly over the scale-plate and above and out of contact with the plate, so as not to interfere with the free vertical movement thereof in weighing. The clasps are for the purpose of preventing the paper placed upon the scale-plate to receive the article to be weighed from interfering with the sliding support, presently to be described.

The frame of my attachment consists of the side bars D, connected at their inner ends with the scale-frame and notched at said inner ends, as at E, opposite to the edge of the scale-plate, so as to be out of contact with the latter, the outer end bar F, and the diagonal brace G. The frame is of substantially the same width as the frame of the scale, and

said side bars D are grooved longitudinally in their inner faces, as at H, said grooves extending from end to end of the bars.

I designates a sliding block having longitudinally-extending tongues on its side edges which move in the grooves of the frame, and also formed with a central vertical circular opening.

K designates a supporting-platform which is substantially oblong in form and is formed on its under side with a central portion L, depending into the opening of the sliding block, and with an annular shoulder M on the upper side of the block.

O designates a circular block extending up into the opening of the sliding block and secured to the platform K by bolts P and nuts Q. This circular block or plate O is formed with an annular shoulder R on the under side of the sliding block. Thus the platform is swiveled to the sliding block and prevented from vertical play by the annular shoulders M and R, while the platform and block or plate O are adjustably secured together by the bolts and nuts.

Depending from sliding block I are stop-lugs S, which by striking lugs T, formed on the side bars of the frame, limit the inward movement of the slide and platform. When the slide is moved to the inner end of the frame, the platform projects quite a considerable distance over and above the scale-plate, so that slices of meat or other articles when cut will fall upon the paper on the scale-plate, which paper is prevented from interfering with the slide by the spring-clasps. The supporting-platform may be entirely withdrawn from the frame at the outer end thereof and may be moved longitudinally therein or revolved to extend transversely thereof.

From the above description it will be seen that I have produced a very convenient attachment for weighing-scales by means of which the articles from which portions are to be cut may be supported in such position that the cut portions will fall directly on the scales and the user while cutting be in close proximity to the scale-dial, so that he can see instantly when the desired quantity has been cut.

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

5 The combination with a weighing-scale, of
a platform movable with relation thereto to
extend above and over the scale-plate, and
paper-holders carried by the scale and ex-

tending above and over the scale-plate and
beneath the projecting platform, substan-
tially as described.

LEW BOTZ.

Witnesses:

R. A. CHRISTIE,
J. H. PICKERT.