(No Model.)

G. H. CHATILLON.

SCALE PAN.

No. 271,790. Patented Feb. 6, 1883.

fig. 1.

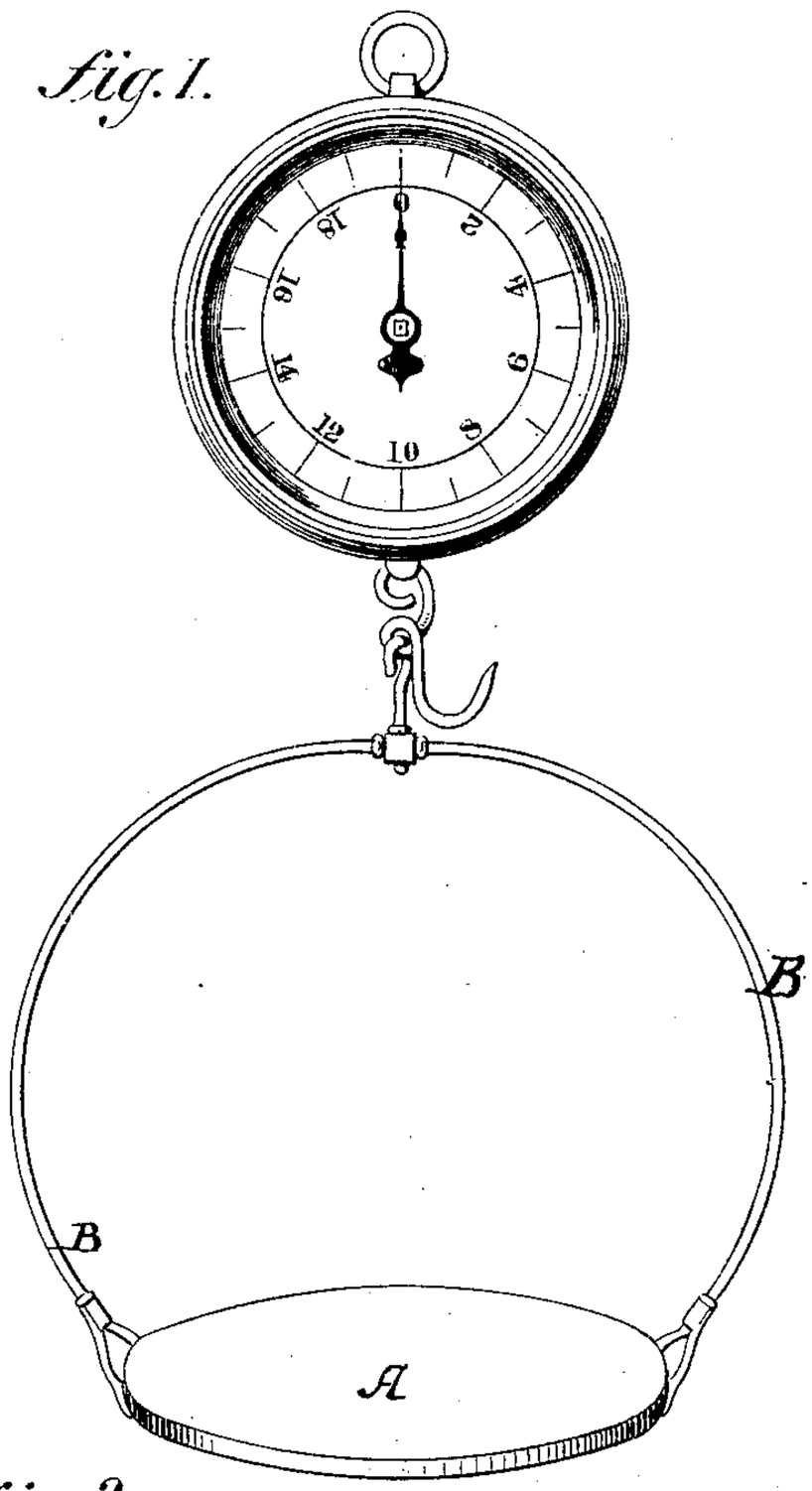


fig. 2.

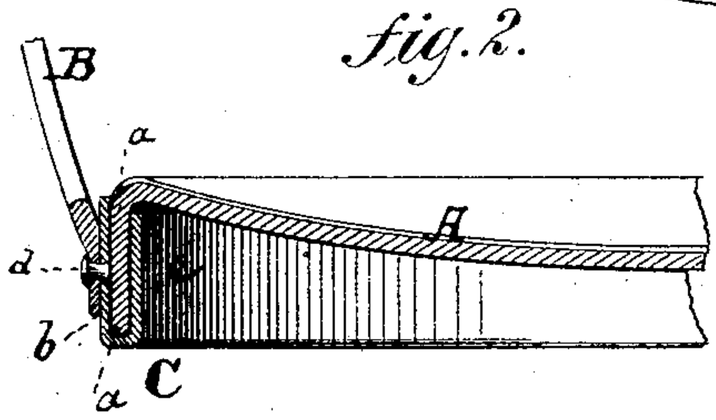


fig. 3.

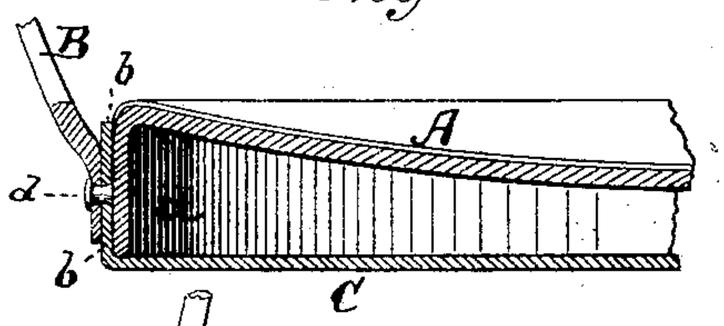
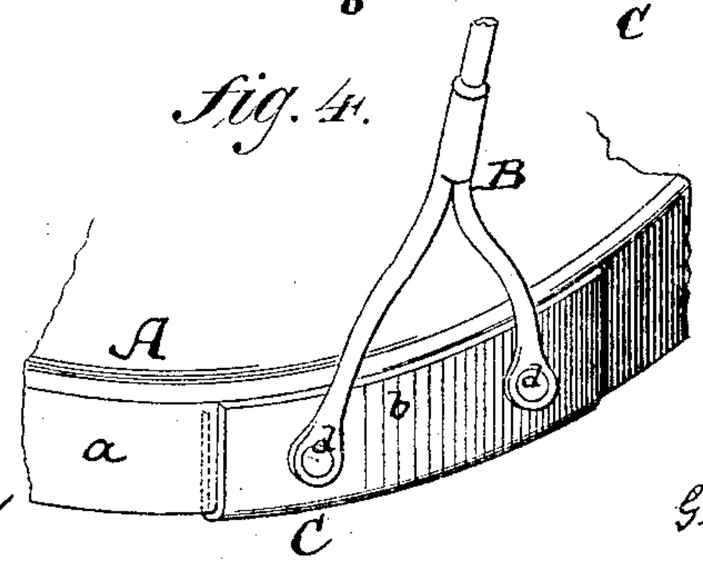


fig. 4.



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GEORGE H. CHATILLON, OF NEW YORK, N. Y., ASSIGNOR TO JOHN P. CHATILLON AND GEORGE H. CHATILLON, OF SAME PLACE.

SCALE-PAN.

SPECIFICATION forming part of Letters Patent No. 271,790, dated February 6, 1883.

Application filed November 29, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. CHATILLON, of New York, in the county and State of New York, have invented an Improvement in Scale-Pans, of which the following is a specification.

Figure 1 is a perspective view of a scale-pan constructed according to my invention. Fig. 2 is a vertical section of part of said scale-pan; Fig. 3, a vertical section of a modification thereof; Fig. 4, a perspective view of another modification thereof.

This invention relates to improvements in scale-pans that are made with downwardly-projecting flanges around their edges, and with enameled faces, such as described in Letters Patent No. 143,499, dated October 7, 1873; but the invention is also applicable to scale-pans made of porcelain, glass, or analogous substance. In such scale-pans it has been found difficult to properly attach thereto the ends of the suspension-strap or hoop, for in riveting these ends to the downwardly-projecting flange of the scale-pan, if the same is made of enameled metal, the enamel was liable to break during the act of riveting and to chop off in places, and where the scale-pan of like form was made of brittle material—such as glass or porcelain—it was liable to break while being riveted.

My invention consists in combining with a scale-pan having such a downwardly-projecting flange a lower supporting pan or plate having an upwardly-projecting flange that embraces the flange of the pan, to which upwardly-projecting flange the ends of the hoop or suspension-strap are riveted.

In the accompanying drawings, the letter A represents the scale-pan made with downwardly-projecting flange *a*, which extends all the way around the lower part of said pan.

B is the hoop from which the scale-pan is to be suspended, which hoop is usually made with forked ends, as shown in Figs. 1 and 4. These forked ends of the hoop B, or whatever their form may be, are in this case not riveted, as heretofore, directly to the flange *a* of the pan A, but are riveted to an upwardly-projecting flange, *b*, of a metal plate, C, on which plate the lower edge of the flange *a* rests. The rivets *d* extend through the ends of the hoop B, and through the flange *b*, but do not enter into the flange *a*, as heretofore. Thus a support is furnished for the pan A, which holds the same properly centered by bearing against the outer side of the downwardly-extending flange *a*, and which also holds the same properly level by being beneath the lower edge of said downwardly-extending flange *a;* and the enameled face or brittle body of the scale-pan itself is not affected by the act of riveting the hoop to that which supports the scale-pan. The plate C, aside from those parts thereof which cause it to support the lower edge of the flange *a* and to embrace the outer face thereof, may be of suitable construction, either such as shown in Fig. 2, where it is shown to be turned up on the inner face also of the flange *a*, producing a flange *e*, and where, in fact, therefore, the entire plate C is of trough-shaped annular form, or, as shown in Fig. 3, where the body of the plate C is substantially flat beneath the scale-pan A; and the construction which is shown in section in Fig. 2 may be made, as indicated in Fig. 4, of short curved troughs sufficiently long only to receive the ends of the hoop B, instead of being continuous, as indicated in Fig. 2.

The ends of the hoop B, instead of being riveted to the flange *b* of the plate C, may be otherwise fastenened to said flange, or secured to any other part of said plate C.

I claim—

1. The combination of the scale-pan A with the supporting-plate C, having upwardly-extending flange *b*, and with the suspension-hoop B, which is secured to said plate C, substantially as herein shown and described.

2. The trough-shaped plate C, having upwardly-projecting outer flange, *b*, and upwardly-projecting inner flange, *e*, in combination with the hoop B, which is secured to said plate C, and with the scale-pan A, having downwardly-extending flange *a*, which is adapted to rest on the plate C, between the flanges *b* and *e*, substantially as specified.

GEO. H. CHATILLON.

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