

(No Model.)

G. H. CHATILLON.

SCALE PAN.

No. 304,172.

Patented Aug. 26, 1884.

Fig. 1.

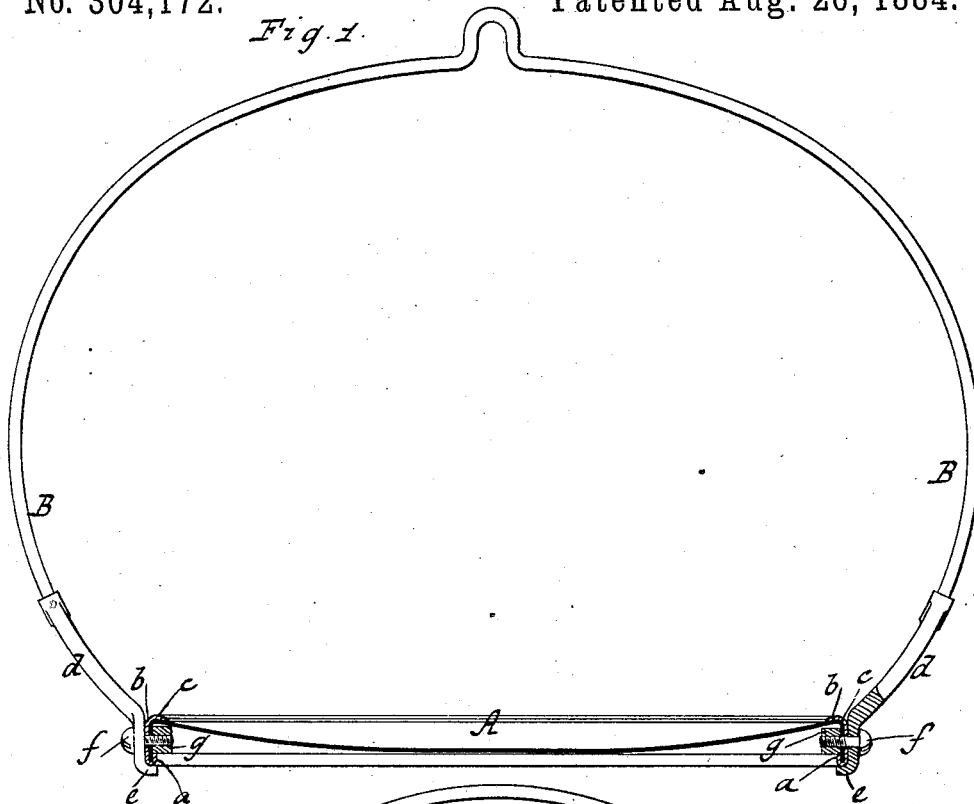
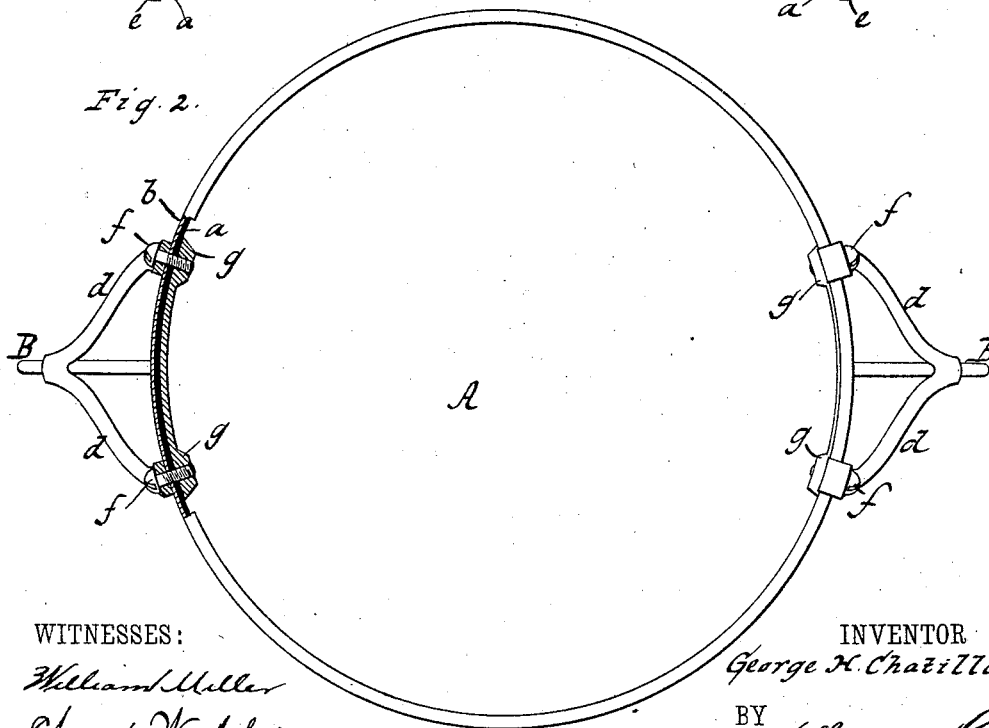


Fig. 2.



WITNESSES:

William Miller
Chas. Wahlers.

INVENTOR

George H. Chatillon

BY

Wm. L. Loomis & Co.

ATTORNEYS

UNITED STATES PATENT OFFICE.

GEORGE H. CHATILLON, OF NEW YORK, N. Y.

SCALE-PAN.

SPECIFICATION forming part of Letters Patent No. 304,172, dated August 26, 1884.

Application filed May 15, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. CHATILLON, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Scale-Pans, of which the following is a specification.

This invention relates to an improvement on that class of scale-pans which are provided with a downwardly-projecting flange and protected on their surfaces with a coat of enamel, as described in Letters Patent granted to my brother and business partner, John P. Chatillon, July 31, 1873, and numbered 143,499. During the eleven years last past we have manufactured and sold a very large number of scales containing scale-pans of the class above described; but in many cases we have found that the enamel on the outer surface of the downwardly-projecting flange, and particularly on the edge of the scale-pan, is liable to become broken and worn.

The object of my present invention is to avoid this disadvantage by applying to the downwardly-projecting flange of the scale-pan a protecting-ring which overlaps the edge of the scale-pan and also the bottom edge of the flange. This protecting-ring also affords additional strength to the connections between the suspension-hoop and the scale-pan.

My invention is illustrated in the accompanying drawings, in which Figure 1 represents a transverse vertical section. Fig. 2 is an inverted plan, partly in section.

Similar letters indicate corresponding parts. In the drawings, the letter A designates the scale-pan, which is provided with a downwardly-projecting flange, *a*, and protected on its surface with a coat of enamel. With the flange *a* is combined a protecting-ring, *b*, which overlaps the edge *c* of the scale-pan, and also the bottom edge of the flange *a*, as shown in Fig. 1. This ring is by preference made of sheet metal, and it is nickel-plated, so that it imparts to the scale-pan an ornamental appearance, while it serves particularly to pro-

tect the enameled edge *c* against injury, which the same is liable to sustain when the scale is in use. The suspension-hoop B is provided with two branches, *d d*, at each end, and the ends of these branches are provided with lips *e*, which catch beneath the bottom edge of the ring *b*. They are fastened to the scale-pan by means of screws *f*, which pass through the ends of the branches *d d*, and through straps *g*, which are placed against the inner surface of the downwardly-projecting flange *a*. The ends of the straps form nuts, into which the screws fit, and, if desired, these nuts can be made detached one from the other; but I prefer to use the connected nuts, as shown. It will be readily understood from this description that by means of the protecting-ring *b* the connection between the suspension-hoop and the scale-pan is materially strengthened, since the hoop is supported by the ring as well as by the flange.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, substantially as hereinbefore described, with a scale-pan having a downwardly-projecting flange, *a*, and protected on its surface with a coat of enamel, of a protecting-ring, *b*, which overlaps the edge *c* of the scale-pan and the bottom edge of the flange *a*.

2. The combination, substantially as hereinbefore described, with the scale-pan A, its downwardly-projecting flange *a*, and its suspension-hoop B, of the ring *b*, which overlaps the edge of the scale-pan and the bottom edge of the flange *a*, the nuts *g*, placed against the inner surface of the flange *a*, the lips *e*, formed at the ends of the branches *d d* of the suspension-hoop, and the screws *f*.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

GEO. H. CHATILLON. [L. S.]

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.