

J. P. CHATILLON.

Scale-Pans.

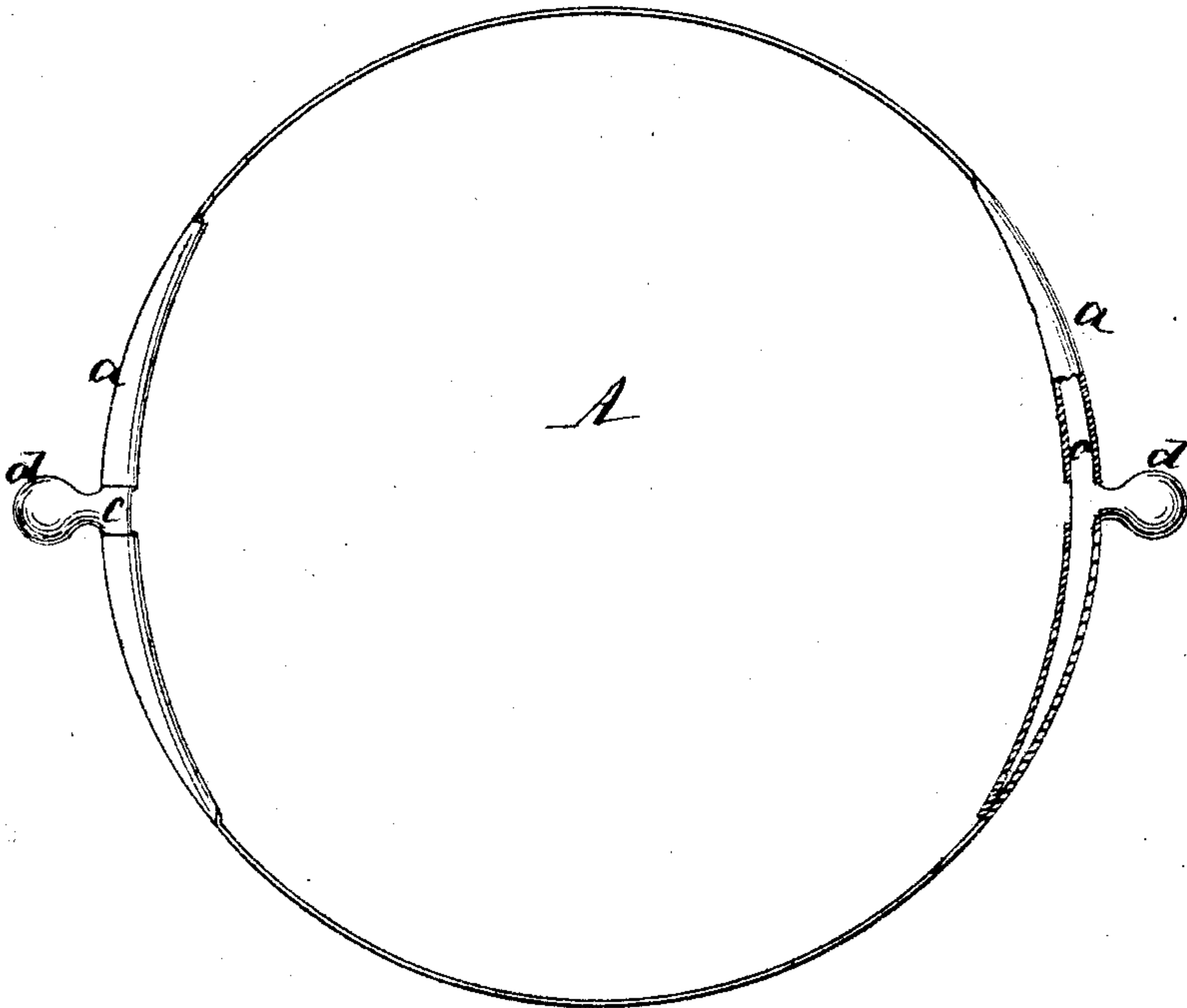
No. 143,499.

Patented Oct. 7, 1873.

Fig: 1.



Fig: 2.



Witnesses:

*Ernst Billhaver
Chas. Wacker.*

Inventor:

*John P. Chatillon
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his atty*

UNITED STATES PATENT OFFICE.

JOHN P. CHATILLON, OF NEW YORK, N. Y.

IMPROVEMENT IN SCALE-PANS.

Specification forming part of Letters Patent No. **143,499**, dated October 7, 1873; application filed July 31, 1873.

To all whom it may concern:

Be it known that I, JOHN P. CHATILLON, of the city, county, and State of New York, have invented a new and useful Improvement in Scale-Bottom; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a transverse section of my invention. Fig. 2 is an inverted sectional plan of the same.

Similar letters indicate corresponding parts.

This invention consists in a scale-bottom provided with a downwardly-projecting flange, and protected on its surface with a coat of enamel, said flange serving to protect the enamel against blows when the scale-bottom is set down, in such a manner that by the enamel the scale-bottom is protected against corrosion, and that by the flange the enamel is prevented from cracking or scaling off.

In the drawing, the letter A designates my scale-bottom, which is made of sheet metal, and stamped, hammered, or otherwise made in the shape shown in Fig. 1. The surface of the bottom is dishing, and its edge is turned down to form a circular flange, *a*, which projects below the deepest portion of the dishing surface, so that when the scale-bottom is set down the shock or blow will be sustained by the flange, while the dishing body of said bottom is not touched. By this arrangement I am enabled to coat my scale-bottom with enamel, which will adhere to the surface of the sheet metal and protect it against the corroding

influence of the atmosphere and of the article which may be placed on said scale-bottom.

If a scale-bottom which is not provided with the downwardly-projecting flange is coated with enamel, such enamel scales off very rapidly, since it is liable to crack whenever the scale-bottom is set down hard; but by my improvement I am enabled to produce a durable coat of enamel on the scale-bottom, and I can use inferior sheet metal for scale-bottoms, so that the cost of the article is reduced.

The flange *a* is doubled over so that its inner edge *b*, Fig. 1, bears against the bottom surface of the body A, and thereby the corner between said body and the flange is materially strengthened. Furthermore, the flange *a* serves to sustain the brackets *c*, to which the ears *d* are secured, said flange being turned down over the arms of the bracket, as shown in Fig. 2, so that no further fastening is required for the ears, and thereby considerable labor is saved.

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

1. A scale-bottom provided with a downwardly-projecting flange, and coated with enamel, said flange serving to protect the enamel against blows when the scale-bottom is set down, as set forth.

2. The flange *a* on the scale-bottom A, being partially or wholly turned inward or doubled up to form a support for the corner of the scale-bottom, and for the brackets of the ears *d*, substantially as shown and described.

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Witnesses:

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