

F. G. & W. F. NIEDRINGHAUS.

HINGES OF VESSELS OF ENAMELED IRON WARE.

No. 189,639.

Patented April 17, 1877.

FIG. 1.

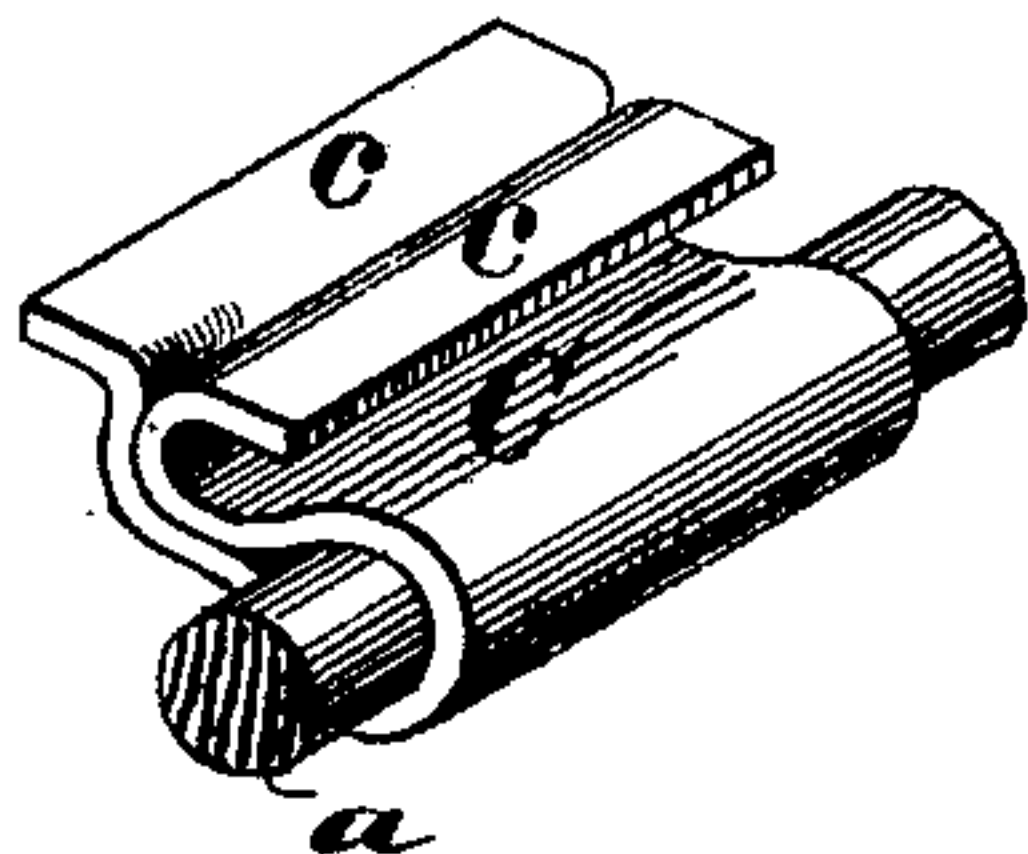
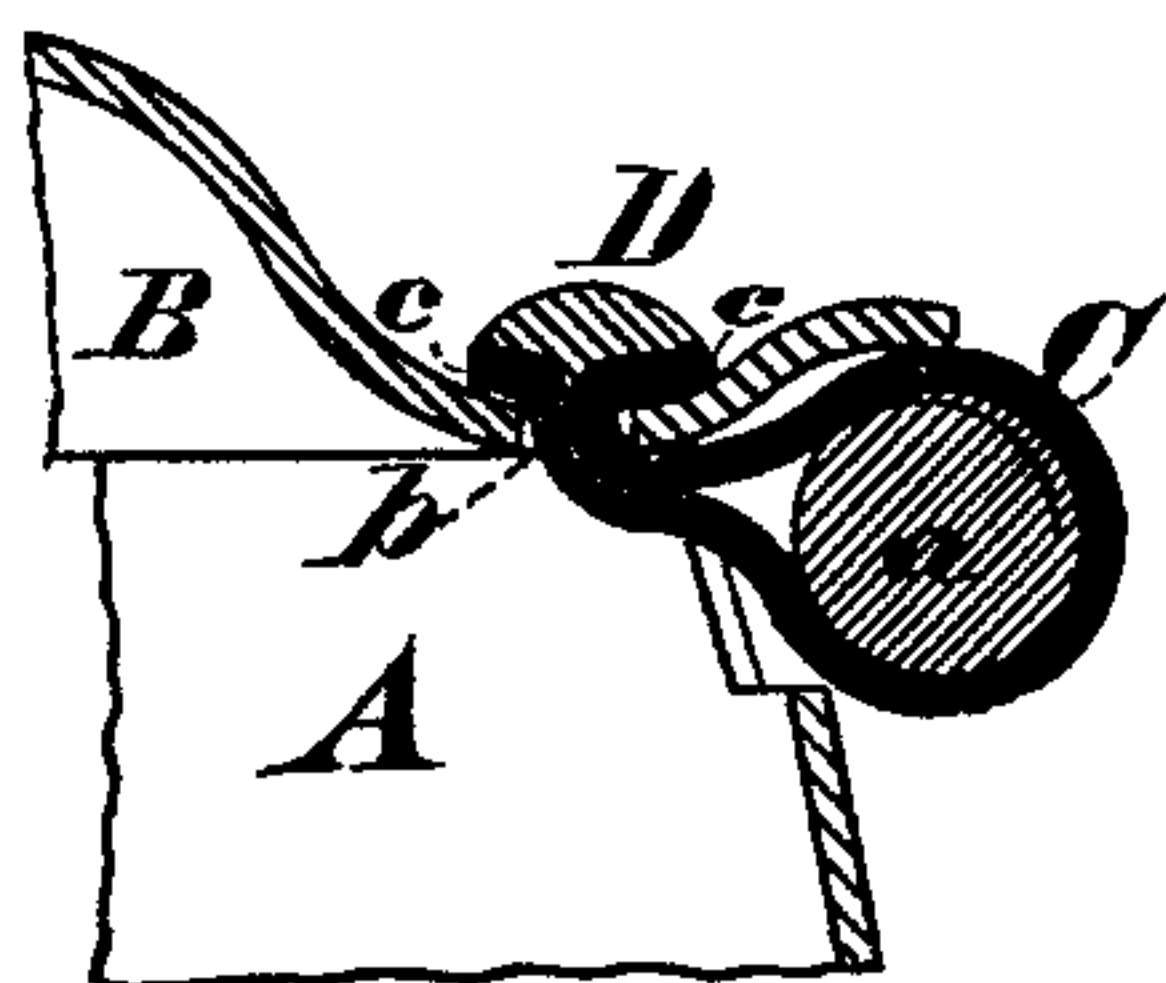


FIG. 2.



ATTEST.

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FREDERICK G. NIEDRINGHAUS AND WILLIAM F. NIEDRINGHAUS, OF
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IMPROVEMENT IN HINGES OF VESSELS OF ENAMELED IRON-WARE.

Specification forming part of Letters Patent No. **189,639**, dated April 17, 1877; application filed
April 2, 1877.

To all whom it may concern :

Be it known that we, FREDERICK G. NIEDRINGHAUS and WILLIAM F. NIEDRINGHAUS, residents of St. Louis, Missouri, have made a new and useful Improvement in Hinges of Vessels of Enameled Iron-Ware, of which the following is a full, clear, and exact description, reference being had to the annexed drawing, making part of this specification, in which—

Figure 1 is a perspective of the hinge, showing it as before attached; and Fig. 2, a vertical section of the hinge as attached, and showing that portion of the vessel immediately therewith connected.

Similar letters denote similar parts.

Our aim is to provide a neat, inexpensive, and durable hinge for vessels of enameled sheet-iron ware.

Referring to the annexed drawing, A represents the body of the vessel, and B its cover. These parts are coated with an enamel.

C represents the strap of the hinge. It is folded at its center around the wire *a*, (that usually encircles the top of the body of the vessel,) and its ends *c c* are then passed through a slot, *b*, in the cover, and then opened apart, as shown, and turned down upon the upper side of the cover. Solder D is then applied to and between the ends *c c*, as shown in Fig. 2, which serves, by becoming attached to the ends, to form a head on the strap, and to prevent its being withdrawn through the slot *b*. The strap is of a material to which solder attaches.

What we claim is—

The combination of the vessel A, wire *a*, cover B, having the slot *b*, strap C, and solder D, substantially as described and shown.

F. G. NIEDRINGHAUS.

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Witnesses:

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