

(No Model.)

D. F. BROWN.

BRUSH SCRAPER ATTACHMENT FOR PAINT PAILS.

No. 445,876.

Patented Feb. 3, 1891.

Fig. 1.

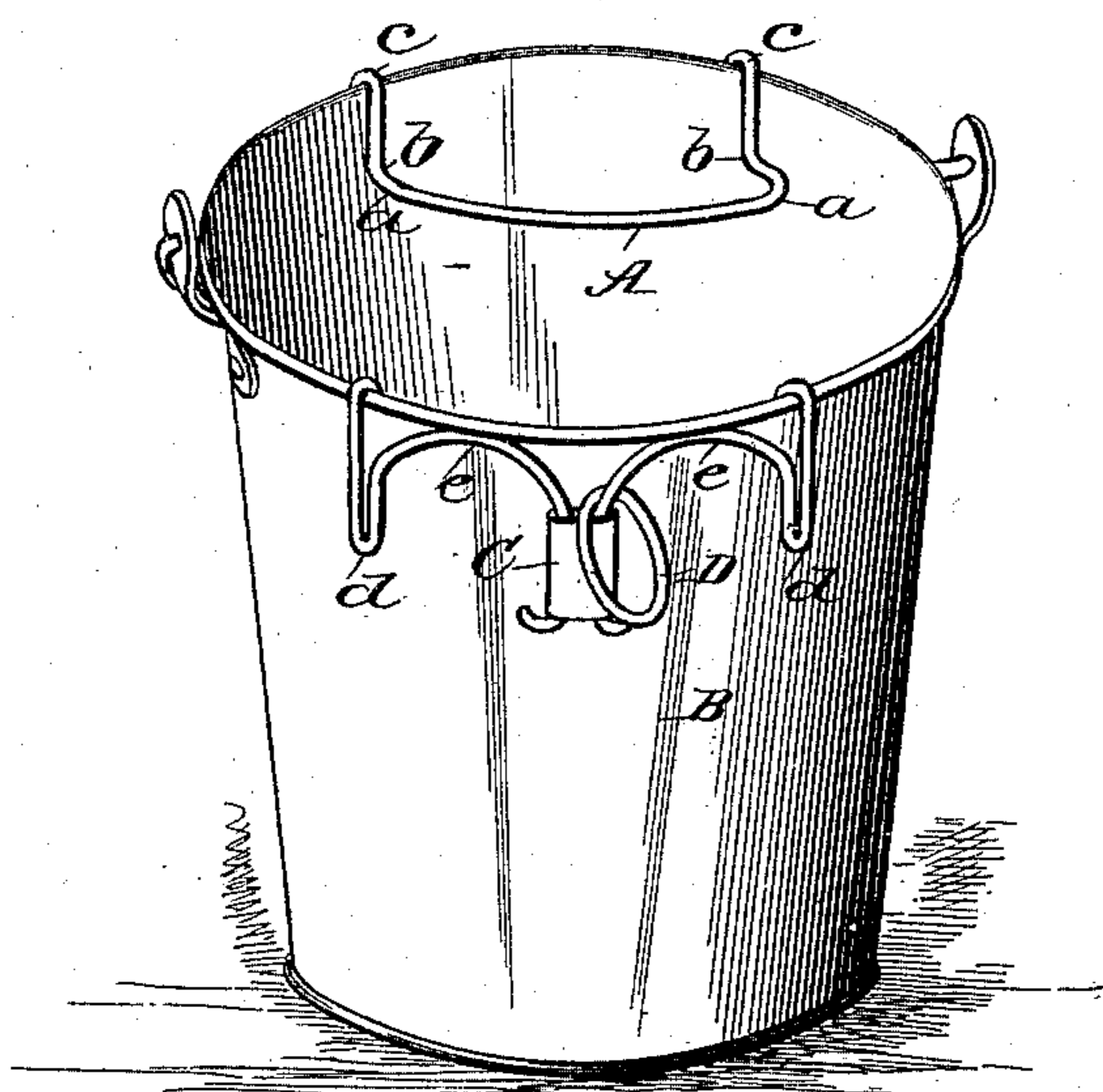


Fig. 2.

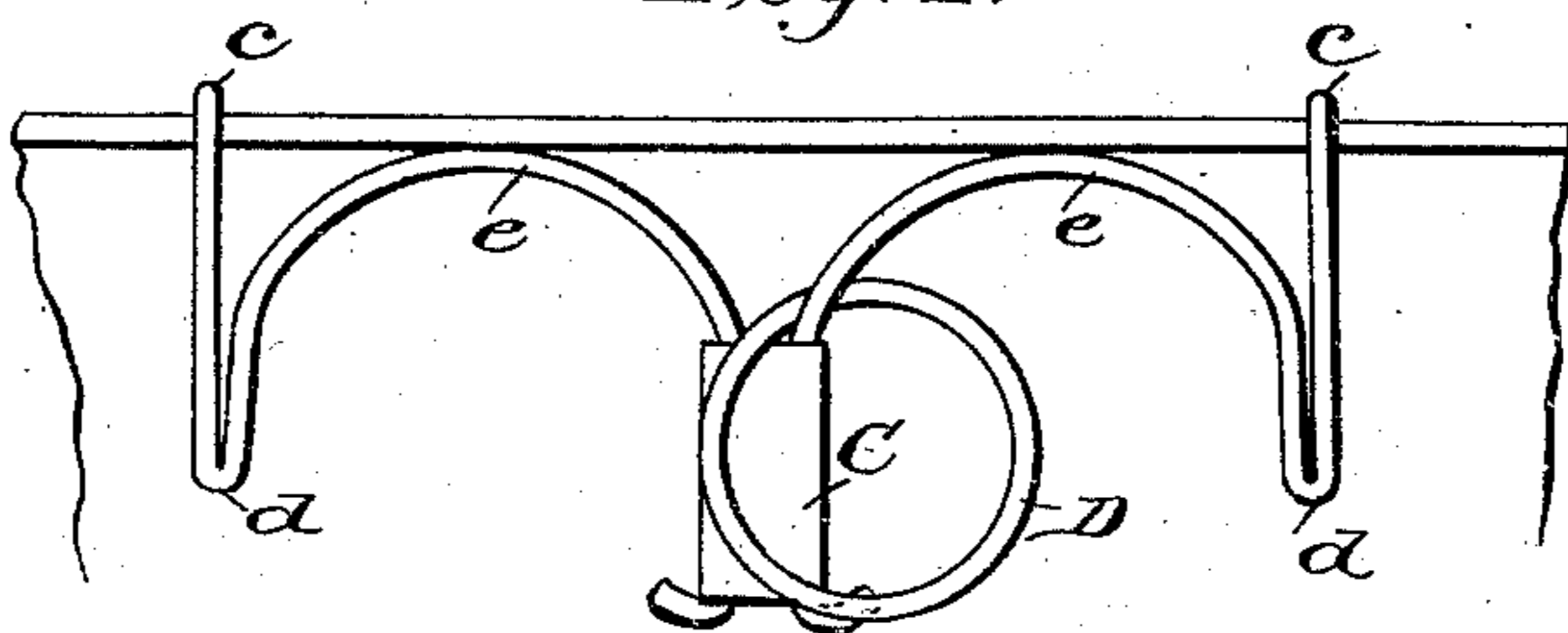
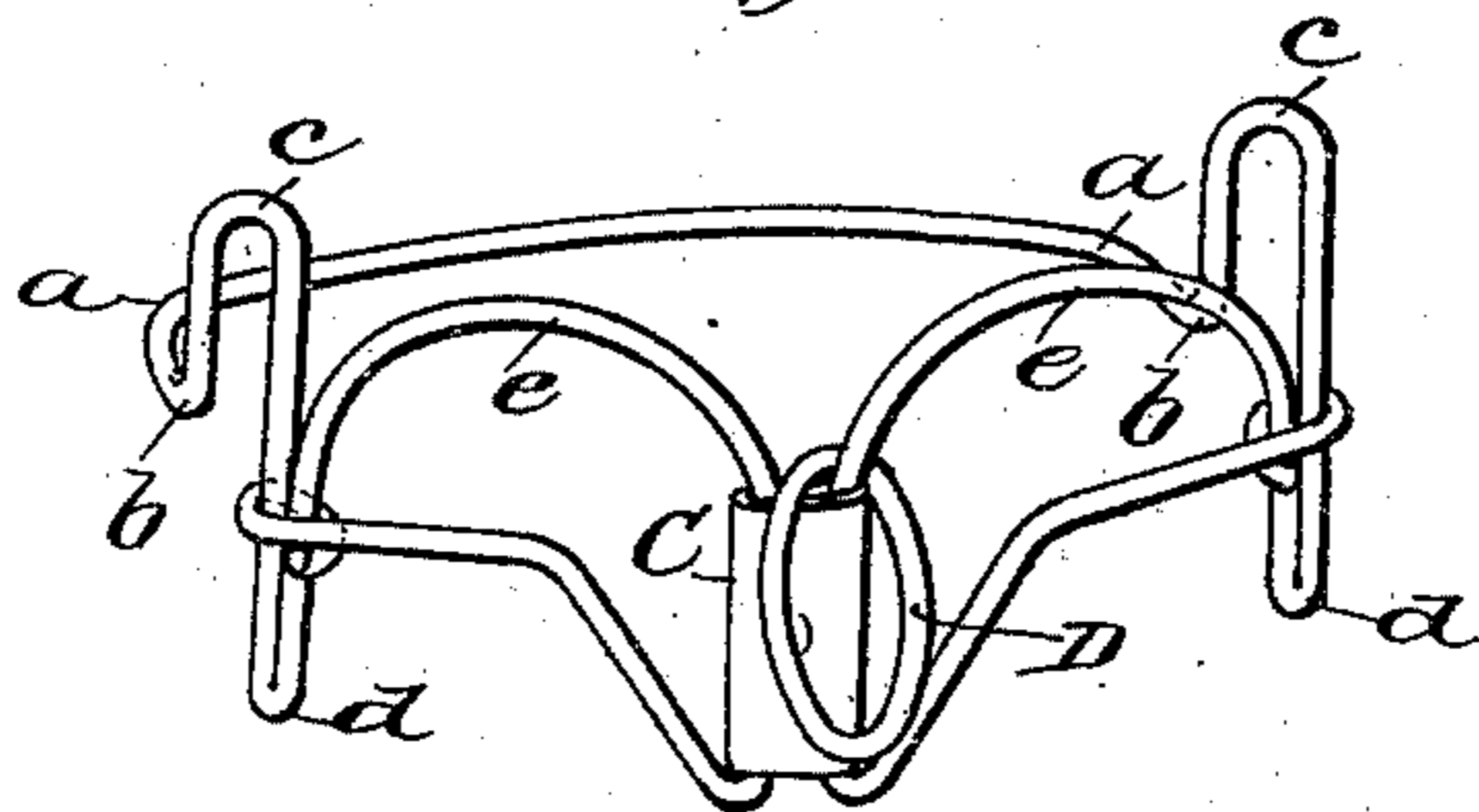


Fig. 3.



WITNESSES:

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BRUSH-SCRAPER ATTACHMENT FOR PAINT-PAILS.

SPECIFICATION forming part of Letters Patent No. 445,876, dated February 3, 1891.

Application filed September 27, 1890. Serial No. 366,420. (No model.)

To all whom it may concern:

Be it known that I, DAVID F. BROWN, a citizen of the United States, residing at Omaha, in the county of Douglas and State of Nebraska, have invented certain new and useful Improvements in Brush-Scraper Attachments for Paint-Buckets; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention is an improvement in the class of brush-scraper attachments for paint pails or buckets, and which are so constructed of spring-wire as to be adapted to clamp the edges of the buckets.

My device is provided with a brush-scraper portion, substantially as heretofore; but it differs in respect to the construction of its exterior portion, as will be hereinafter described.

In the accompanying drawings, Figure 1 is a perspective view showing my device applied to a bucket or pail. Fig. 2 is an enlarged view of the device with a portion of a bucket. Fig. 3 is a perspective view of a slightly-modified form of the device.

In constructing my improved guard and scraper I prefer to employ a piece of stout wire, the end portions of which are bent horizontally at approximately right angles to the central portion at points *a a*, equal distances from the ends of said wire. The end portions thus bent horizontally at right angles to the central portion are then bent approximately vertical at *b*, and at a suitable distance above the central portion the vertically-extending ends are bent upon themselves and continued vertically downward, forming the hooks *c*, which are adapted to fit over the edge of the bucket or vessel *B* and hold the guard and scraper portion *A* within the said bucket, the central portion, upon which the brush is scraped, being held away from the sides of the vessel, which prevents the liquid removed from the brush dripping upon the said sides.

In order to retain the guard and scraper within the receptacle and in proper position,

I bend the end portions upon themselves at *d*, (suitable distances below the central portion *A*,) and the ends are then bent or bowed toward each other, as at *e*, until they meet, the meeting portions being inclosed by a collar or sleeve *C*. In bending or bowing the end portions the arch is carried to such a height that when the device is attached to the side of a vessel and the hooks *c* forced well down upon the edge of the same the tops of said arches will be sprung beneath the rim or bead upon the exterior of the vessel, thus holding the guard and scraper securely in place within the same.

The outer depending hook portion, the bows or arches, and the sleeve, all constituting the outer or retaining portion, lie normally in the same vertical plane, the sleeve serving as a hinge to connect the two independent end portions, whereby the device can be applied to curved or angular vessels and the bows still engage the beads or rims of the same. If desired, the ends of the wire after passing through the sleeve may be bent back and around the outer depending hook portion, thus serving as a brace to all the parts.

A ring *D* is preferably placed around one of the bows or arches *e*, by means of which the device can be quickly and easily detached from the vessel by simply sliding the ring upward upon the arch between the rim or bead of the vessel. This springs the arch outward beyond the bead, and the upward pull upon the ring is sufficient to detach the device.

In attaching the device the ring rests at the end of the arch or bow upon the sleeve.

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

1. The brush-scraper adapted for attachment to a bucket, the same having an inner scraper portion proper, and the exterior clamping portion having spring-bows *e*, which extend inward and upward to adapt them to engage the rim of a bucket, as shown and described.

2. As an improved article of manufacture, the herein-described guard and brush-scraper, consisting of the inner guard and scraper portion, the hook portion at the ends of same,

the arched or bow portions adapted to rest upon the exterior of the vessel, and the sleeve uniting the said bow portions, substantially as shown and described.

- 5 3. As an improved article of manufacture, the herein-described guard and brush-scraper, consisting of the central portion A, upon which the brush is scraped, the hook portions c, the arched portions e, sleeve C, and ring D, all

arranged and adapted to operate substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

DAVID F. BROWN.

Witnesses:

ROBERT F. WILLIAMS,
H. F. BROWN.