

(No Model.)

C. COOK.
COAL BUCKET.

No. 298,180.

Patented May 6, 1884.

Fig. 1.

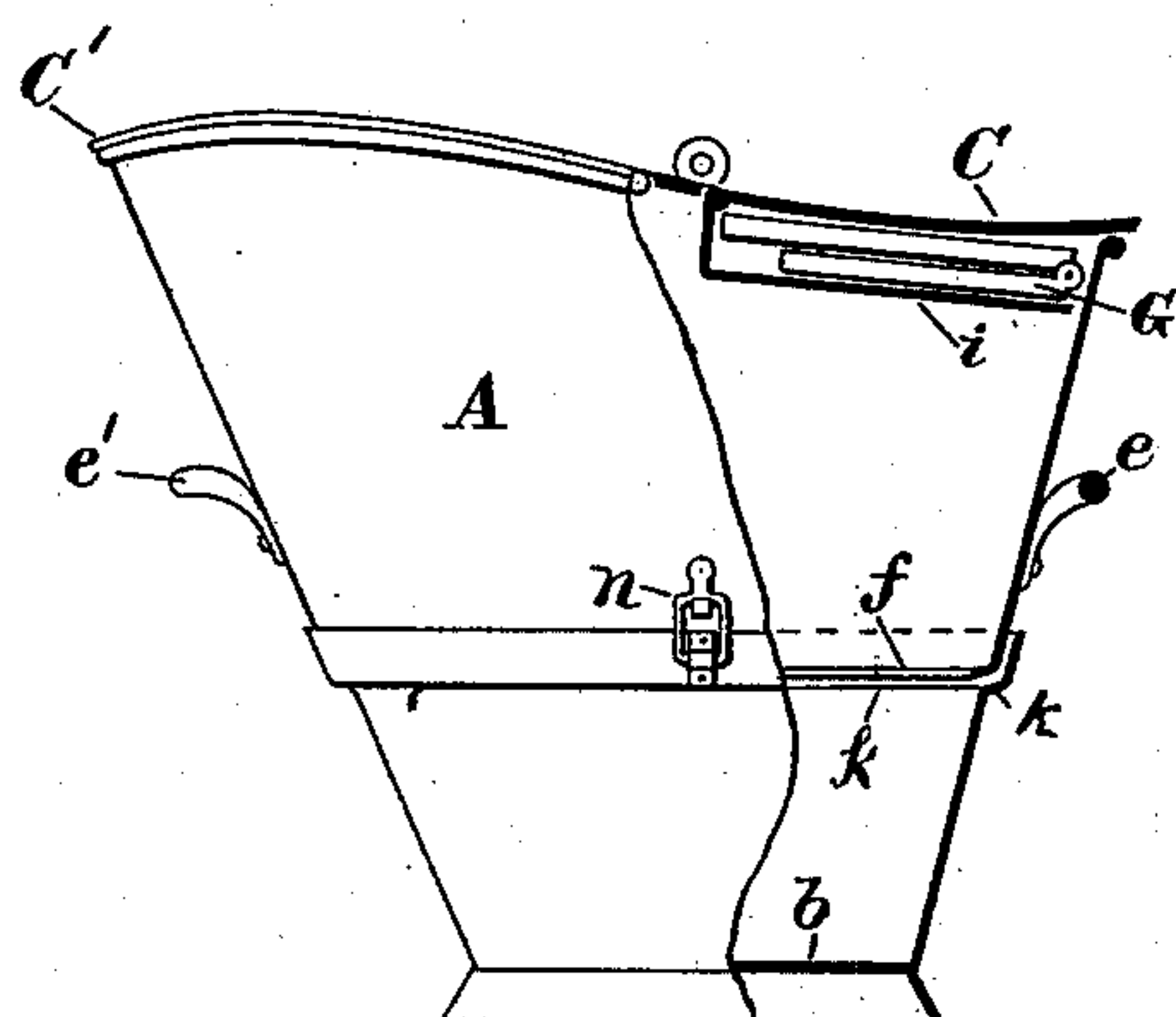


Fig. 2.

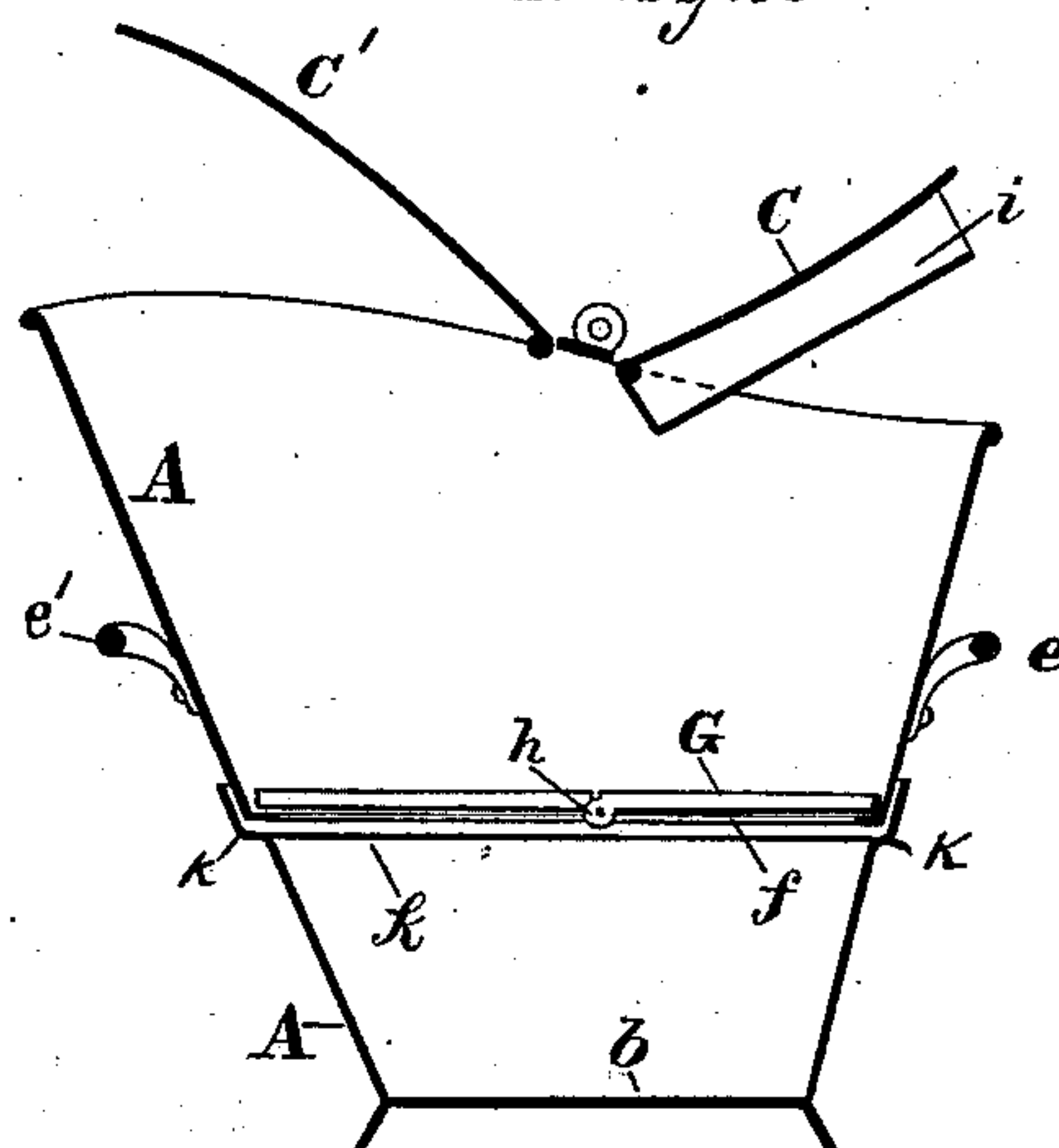


Fig. 3.

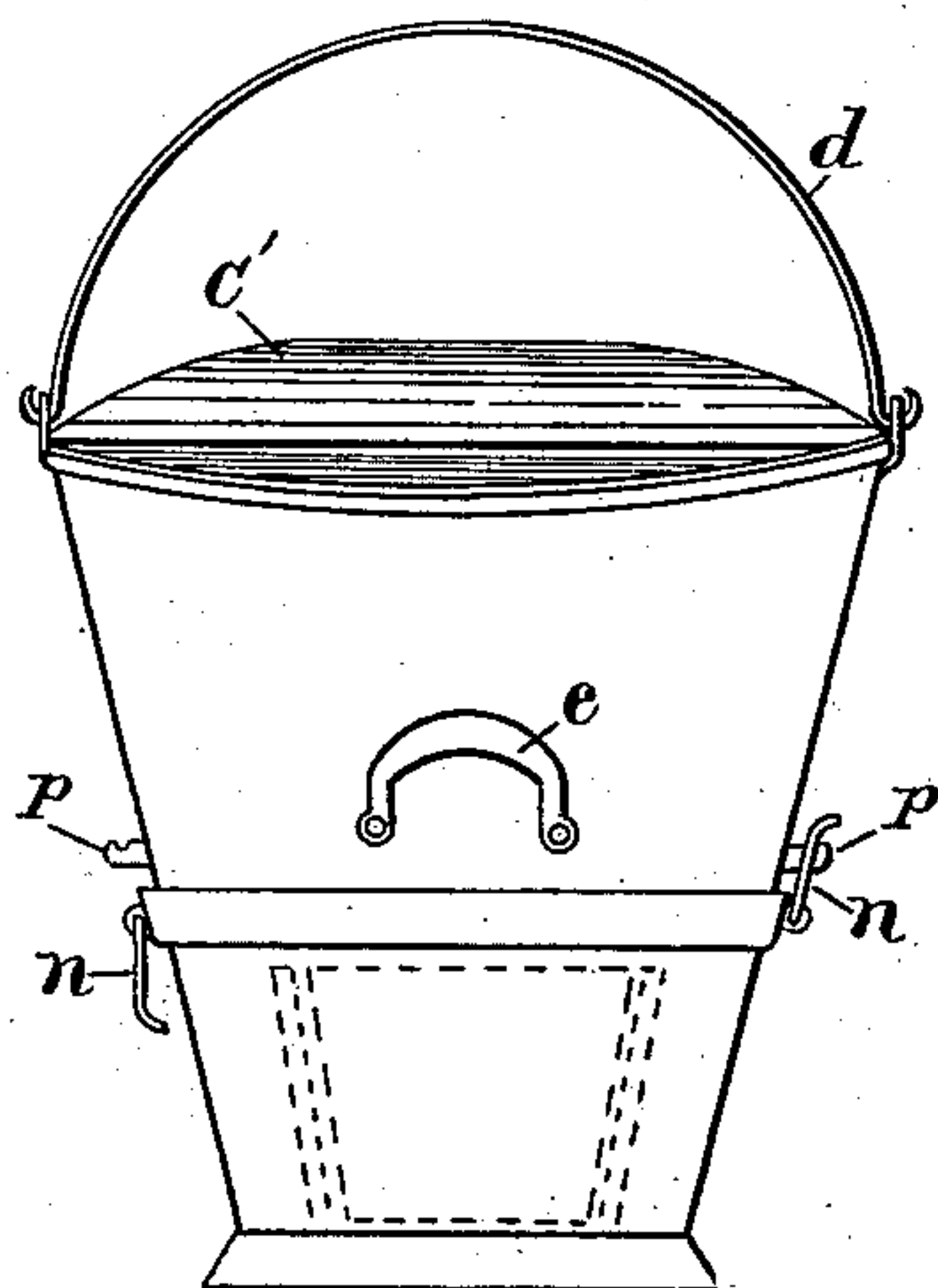


Fig. 4.

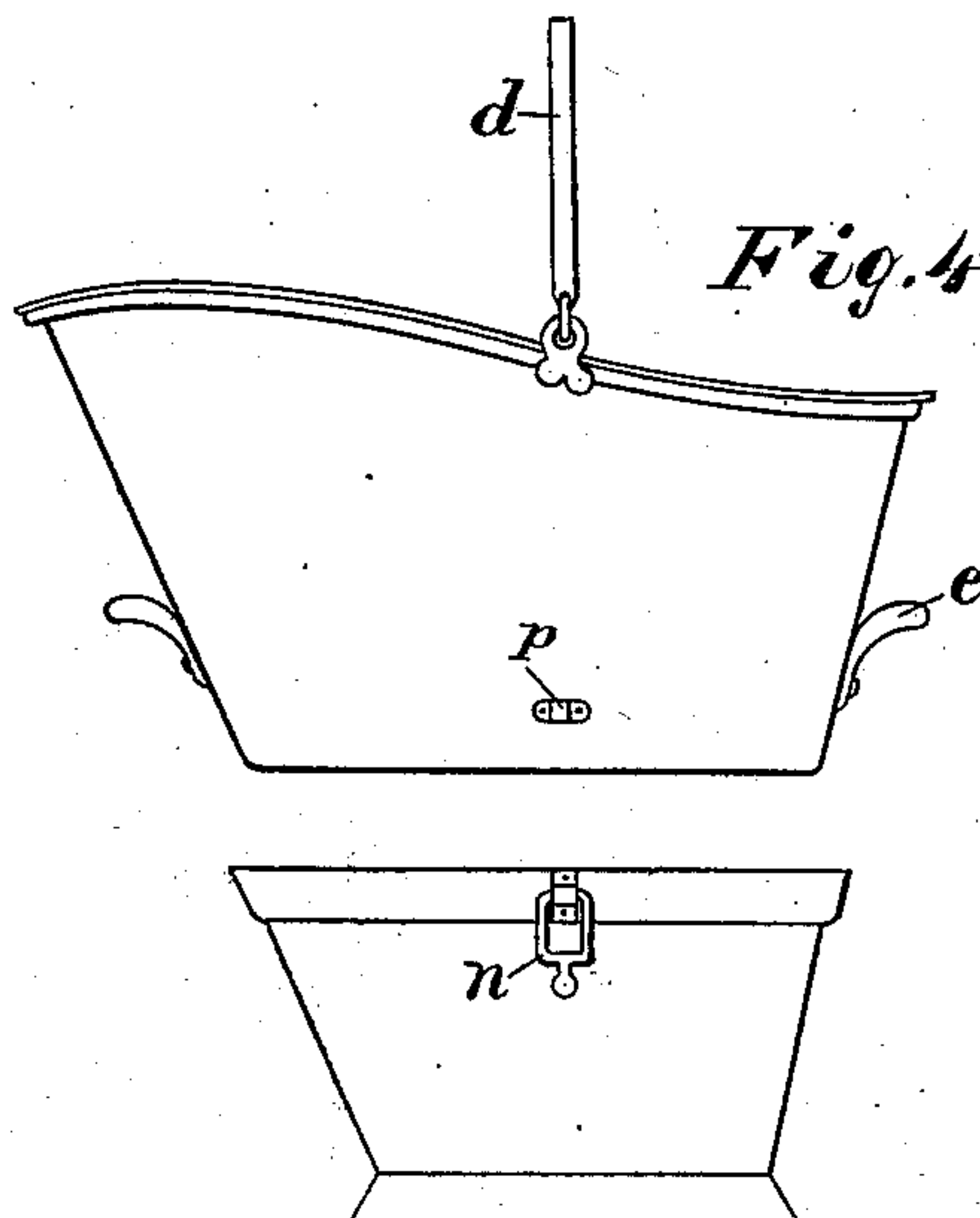


Fig. 5.

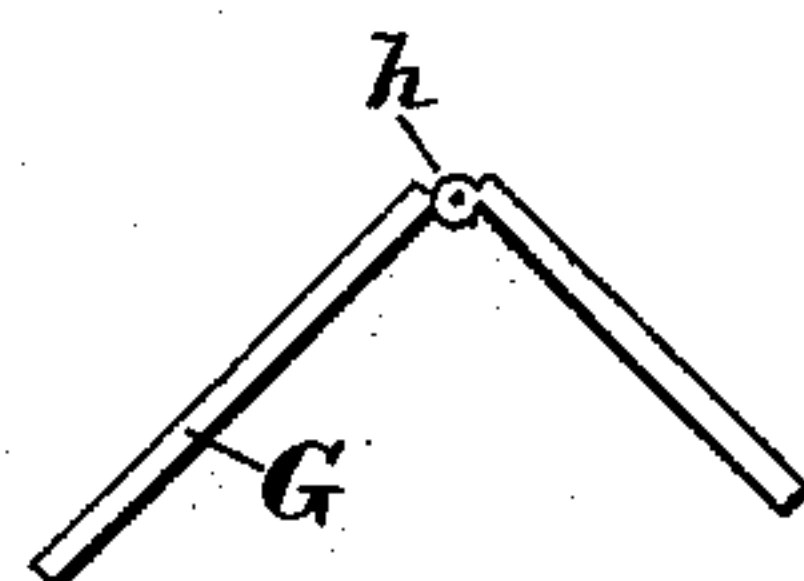
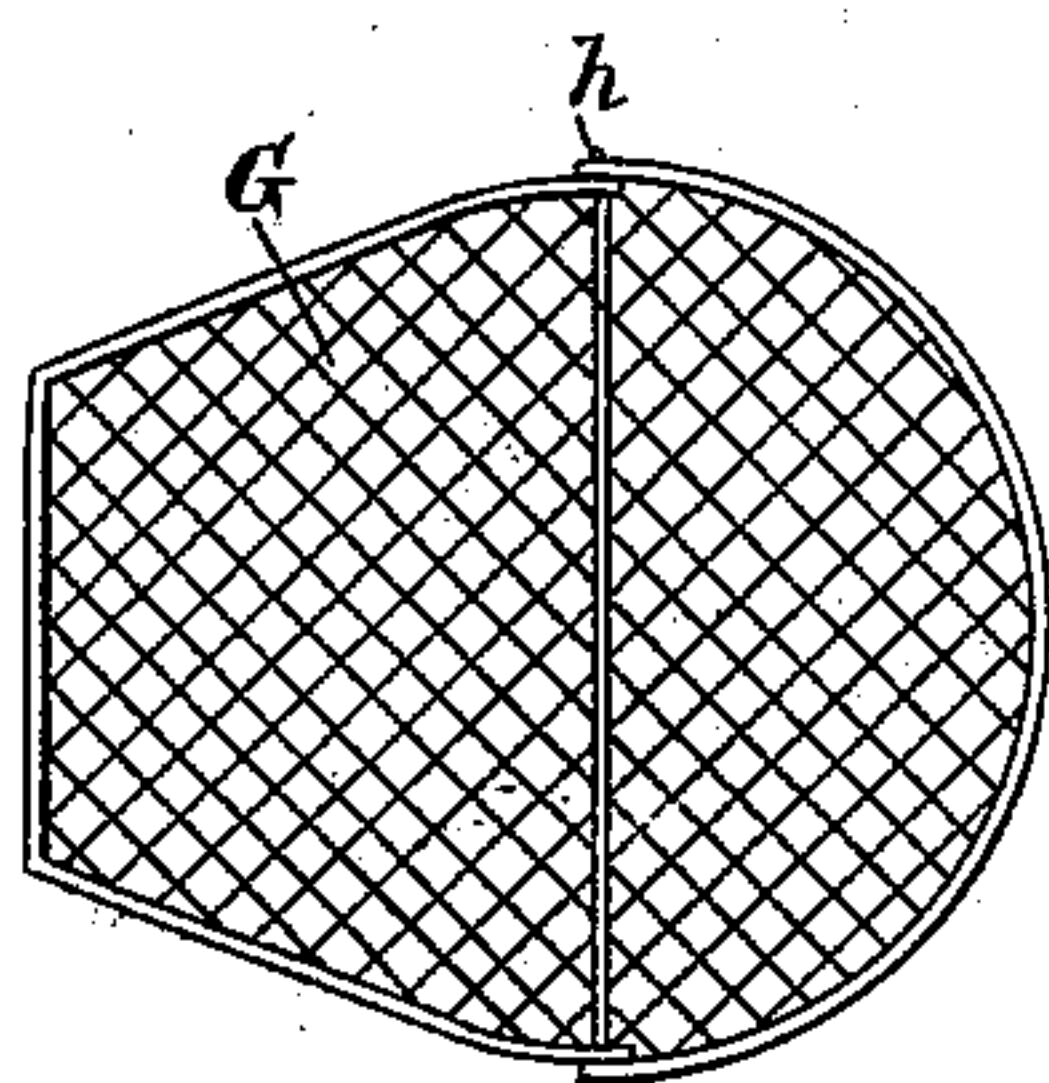


Fig. 6.

Witnesses:
A. C. Eader.
Jno. E. Morris.

Inventor:
Christian Cook
By Chas B. Mann
Attorney.

UNITED STATES PATENT OFFICE.

CHRISTIAN COOK, OF BALTIMORE, MARYLAND.

COAL-BUCKET.

SPECIFICATION forming part of Letters Patent No. 298,180, dated May 6, 1884.

Application filed February 19, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHRISTIAN COOK, a citizen of the United States, residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Coal-Buckets, of which the following is a specification.

My invention relates to certain improvements in coal-buckets, and will be described and then claimed.

In the accompanying drawings, which illustrate the improvement, Figure 1 is a side view of a bucket, a portion of which is broken away to show the screen stowed away in the receptacle on the cover. Fig. 2 shows a vertical section of the bucket with the screen in position to sift ashes. Fig. 3 is a rear side view of the bucket. Fig. 4 is a side view of the bucket, showing the two parts separated. Figs. 5 and 6 are views of the screen.

The letter A designates the walls of the bucket; *b*, the bottom; C C', the two hinged covers; *d*, the bail, and *e e'* the handles attached to the walls.

The bucket is made in two parts, which are separable, as seen in Fig. 4, and the lower edge of the upper part has an inturned flange, *f*, or other equivalent means to support a removable screen, G. This screen is made of two parts hinged together at *h*, to adapt it to be folded, so as to permit it to be stowed away in the receptacle *i*, formed on the lower side of the hinged cover C, as seen in Fig. 1. When the screen is thus placed, the bucket has the full usual capacity for coal from the bottom, *b*, to the cover. It is designed that the screen shall be stowed away in this manner at all times, except when needed for sifting ashes. The upper edge of the lower part is enlarged a little, so as to receive the lower edge of the upper part, and to form on the inner side a shoulder, *k*, on which the inturned flange *f* of said upper part sets.

The two parts of the bucket are secured together by a link or loop, *n*, pivoted at each side of the lower part, which, when turned up, take over a knob or lug, *p*, on each side of the upper part. Any other equivalent means of securing the two parts may be employed.

When the screen is in the receptacle *i* and the two parts of the bucket are secured together, it comprises an ordinary coal-bucket,

and has the full capacity. When the bucket is empty and it is desired to remove the ashes and partly-burned coals from a stove to start a fire, the screen is placed in position on the inturned flange, as seen in Fig. 2. The mixed ashes and coals may then be placed in the bucket on top of the screen, the covers closed, and then by grasping with each hand one of the handles and lifting the bucket from the floor and shaking it, the ashes will pass through the screen into the lower part. In this way the ashes are separated from the coals. The lower part, if desired, may now be detached from the upper to empty the ashes and then again secured thereto. The fire having been started, the screened coals in the upper part may be put in the stove, the screen itself removed and placed in the receptacle, and then the bucket is ready to receive coal to its usual capacity.

It is obvious that the folding screen and the receptacle in the cover for its storage, or equivalent means for its attachment to the cover, may be used, whether the bucket be made in two parts, as shown, or not, if provision be made for removing the ashes from the bottom of the bucket.

Instead of having the bucket made in two parts, the screen could be supported at the same point, as shown, and a hinged or sliding door arranged in the lower portion of the wall below the screen, as indicated by broken lines in Fig. 3. Thereby ashes in the bottom might be emptied, while the part above the screen contained coal.

Having described my invention, I claim and desire to secure by Letters Patent of the United States—

A coal-bucket having a cover provided with means by which to attach an ash-screen when the latter is not in use, an inturned flange to support an ash-screen intermediate of the cover and bottom, a removable ash-screen, and means, substantially as described, by which to remove ashes from the bottom of the bucket while the ash-screen is on the said flange, as set forth.

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

CHRISTIAN COOK.

Witnesses:

JNO. T. MADDUX,
JNO. E. MORRIS.