

(No Model.)

C. F. GOSS.

COMBINED ASH SIFTER AND COAL BOX.

No. 302,396.

Patented July 22, 1884.

Fig. 1.

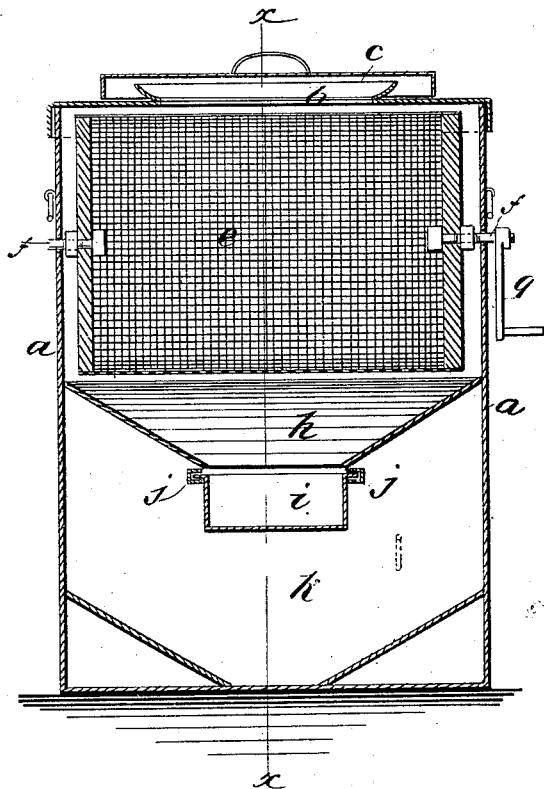
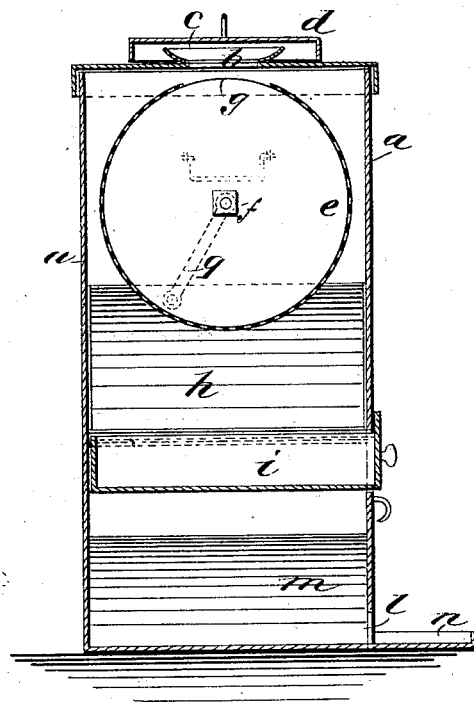


Fig. 2.



WITNESSES:

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COMBINED ASH-SIFTER AND COAL-BOX.

SPECIFICATION forming part of Letters Patent No. 302,396, dated July 22, 1884.

Application filed March 31, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES F. GOSS, of Tappahannock, in the county of Essex and State of Virginia, have invented a new and Improved Combined Ash-Sifter and Coal-Box, of which the following is a full, clear, and exact description.

My invention consists of the construction and arrangement of parts, as will be herein-
after fully described, and specifically set forth in the claim.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a longitudinal sectional elevation of my improved combined ash-sifter and coal-box, and Fig. 2 is a transverse section of the same on the line *x x* of Fig. 1.

I make a case or box, *a*, of any approved form and size, with an opening, *b*, through the top, surrounding a shallow hopper, *c*, or not, as preferred, and provide a removable cover, *d*, to close the said opening. Directly under the top of the case I arrange a circular wire screen, *e*, on an axis, *f*, and having a crank, *g*, outside of the case, for shaking the screen forward and backward to sift the coal, said screen having an opening, *g*, through the wire at the upper side, for the ashes to fall through into the screen when poured into the hopper *b*. Below the screen I make a hopper-shaped

partition, *h*, having a wide opening through it, below which I arrange the ash-drawer *i*, fitting it to slide in and out through the side of the case and in guideways *j*, to be used for receiving the ashes when sifting the coal and for removing them afterward; and below the drawer I have a coal-chamber, *k*, where coal may be stored, and into which the cinders may be discharged from the screen when the ash-drawer is pulled out.

The coal may be shoveled into said chamber through the drawer-opening when the drawer is pulled out, and it may be taken out at the opening *l*, in front of which there is a hearth, *n*, to facilitate the shoveling of the coal, and the chamber *k* has sloping sides *m*, to chute the coal toward the opening *l*, where it can be reached with a shovel through the opening.

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

A combined ash-sifter and coal-box comprising the open-top case *a*, the rocking sifter open at its side, ash-drawer *i*, hopper-shaped partition *h*, supporting said ash-drawer, and the coal-chamber *k*, having inclined sides, an opening, *l*, and a hearth, *n*, substantially as set forth.

CHARLES FILLMORE GOSS.

Witnesses:

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