W. A. STEWART.

RECEPTACLE.

APPLICATION FILED DEC. 28, 1917.

1,290,401. Patented Jan. 7, 1919.

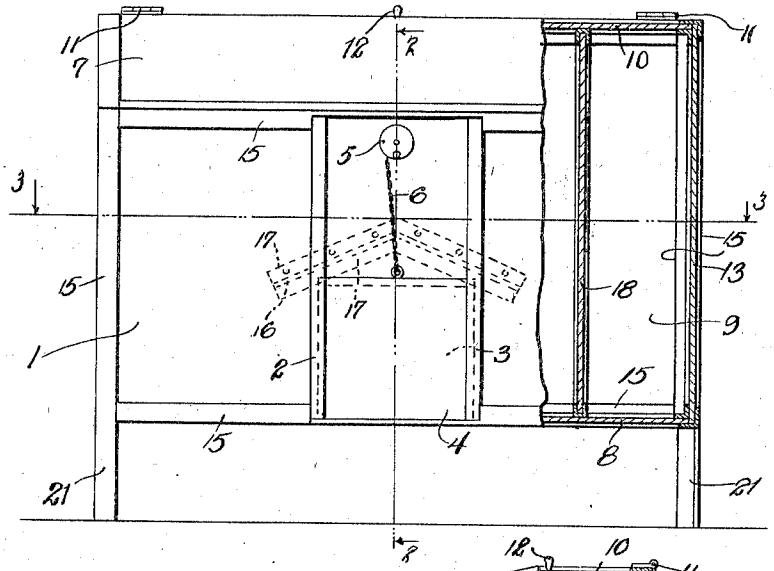


FIG. 1.

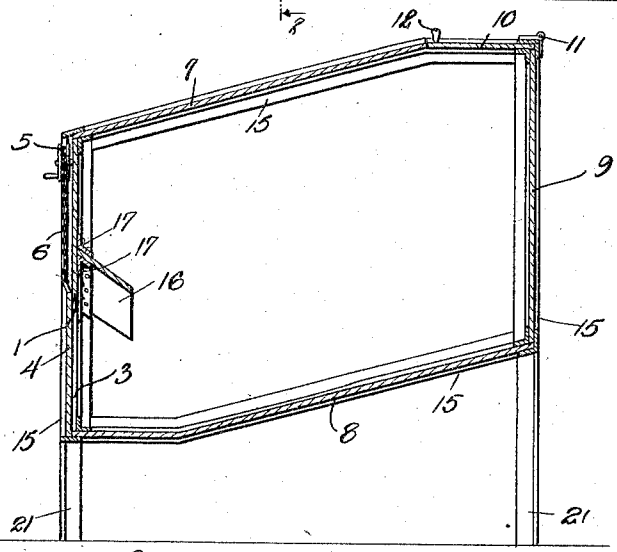


FIG. 2.

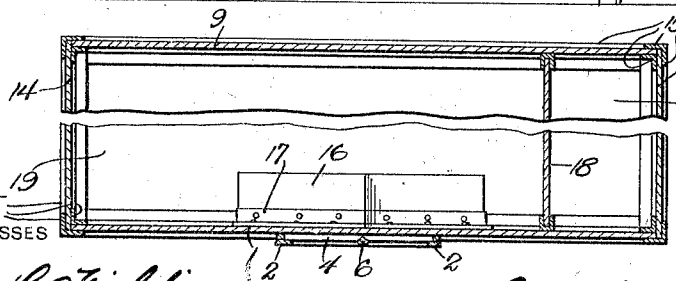


FIG. 3.

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WITNESSES

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RECEPTACLE.

1,290,401. Specification of Letters Patent. Patented Jan. 7, 1919.

Application filed December 28, 1917. Serial No. 209,329.

To all whom it may concern:

Be it known that I, WILLIAM A. STEWART, a subject of the King of Great Britain, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Receptacles, of which the following is a specification.

This invention relates to improvements in receptacles and more particularly to a wood and coal container adapted to be strong, durable and efficient in use and designed to be ornamental in appearance and adapted to permit the coal to be continuously removed from the receptacle.

The principal object of the invention is to provide a coal and wood container of this character including a novel and durable construction whereby the coal and wood may be easily placed within the container and removed therefrom while permitting a relatively large quantity of fuel to be stored in a comparatively small space so that the container may be used in living quarters and within convenient reach of the stove, range or furnace.

The invention further aims at the provision of a receptacle of this character having a sliding door through which the coal may be extracted and which will be so constructed as to prevent the door from being jammed or held against opening by the pressure of the material within the container.

A further object of the invention is the provision of a receptacle which consists of comparatively few parts and is simple in construction, but durable and well adapted to withstand the rough usage to which devices of this character are ordinarily subjected.

For a full description of the invention and the advantages and merits thereof, reference is to be had to the following description and the accompanying drawings, wherein is illustrated the preferred form of my invention, in which:

Figure 1 is a front elevation partly broken away to disclose the interior construction.

Fig. 2 is a vertical section taken on the line 2—2 of Fig. 1.

Fig. 3 is a horizontal section taken on the line 3—3 of Fig. 1, and partly broken away.

Referring to the drawings, wherein is illustrated the preferred form of my invention, in which like numerals of reference indicate corresponding parts throughout the several views, the receptacle is provided with a front wall 1 having two vertical guide ways 2 mounted intermediate its ends. A square opening is formed in the center of the wall between the two vertical guide ways 2 and this opening is normally closed by a sliding door 4 having its edges engaged in the guide way 2 to facilitate the sliding movement and to permit the door to be raised and lowered as desired. The square opening 3 is of a height equal to about half the height of the wall 1 and rotatably mounted on the wall above the door is a drum 5 having a handle by which the drum may be manually rotated. A lifting chain 6 has one of its terminals connected to the door 4 and its opposite terminal is connected to the drum 5 so that it is merely necessary to rotate the drum whereupon the chain 6 will be wound upon the drum and the door 4 thereby raised to open the door-way or opening 3, for permitting the fuel to be extracted from the container. A top wall 7 and a bottom wall 8 are also provided and are constructed of wood or other suitable material possessing sufficient durability to stand the weight of the material within the container. By referring to Fig. 2, of the drawing it will be noted that a portion of the top wall adjacent the rear edge is disposed in a horizontal plane while the forward portion is extended at an angle toward the front of the receptacle thus providing an inclined top wall. In the bottom, the wall 8 is constructed in just the reverse manner, since it will be observed that the front portion of the wall is disposed in a horizontal plane while the rearward portion extends upwardly from the horizontal portion at an angle and is joined to the rear wall 9. This construction permits considerable saving in production and manufacture of the receptacle since the walls 7 and 8 are of identical formation, the only difference being in the inverse manner of mounting the same. The top wall 7, however is divided so that the horizontal portions form a top closure 10 and a knob 12 is provided on the closure 10 for permitting the same to be easily raised or opened.

The two ends of the receptacle are closed by the end walls 13 and 14 and all of the walls have their marginal edges embraced by the flanges of reinforcing angle iron 15 suitably shaped to embrace the margins of the walls and thereby forming a supporting

frame to maintain the wall of the receptacle in proper position. The inner and outer angle irons are bolted or riveted to the wall and in this manner a rigid and strong frame is provided and it will be evident that the walls may be constructed of wood, iron or other suitable durable material. This skeleton frame, constructed of the angle iron 15 may be assembled before the walls are mounted in the frame and the latter may be formed of strips of wood or any desirable material. The sizes of the frame, of course, will be governed by the capacity so that any desired quantity of material may be stored within the container.

Mounted within the container on the front wall 1 is a deflecting shelf or guard flange 16 of an inverted V-shaped strip of material disposed immediately above the door-way. This flange is attached to the interior surface of the front wall by the strips of angle iron 17 having their flanges disposed to embrace the flange and hold the same at an angle with respect to the front wall so that the flange or shelf is inclined inwardly and the ends thereof are inclined longitudinally. This shelf or flange is of sufficient width to prevent the coal or material within the container from binding and pressing against the door. In this manner the door may be readily raised at all times even though the container is filled to capacity.

A partition 18 is extended transversely through the interior of the receptacle adjacent one end thereof thereby providing a relatively large coal container 19 and a comparatively smaller wood container 20. The coal and wood is then received in separate compartments and may be placed in their respective compartments through the opening provided when the closure 10 is raised.

The legs of the container as indicated at 21 are formed of extensions of the corner angle iron pieces which are a part of the frame and it will be obvious that these legs may be of any desired length and since the inexpensiveness of the container is one of its important features it will be obvious that the manner of providing the legs eliminates the necessity of separate attachment and also permits the container to be placed in a corner close to the wall.

From the foregoing it will be observed that a very simple and durable receptacle has been provided the details of which embody the preferred form. I desire it to be understood, however, that slight changes in the minor details of construction may be made without departing from the spirit of the invention or the scope of the claim hereunto appended.

Claim:

A receptacle of the character described comprising a container, having a sloping bottom wall whereby the contents of the container has a tendency to move toward the front wall, a deflecting shelf comprising an inverted V-shaped strip mounted on the front wall, the latter having a door-way, the said deflecting shelf being mounted above the door-way, the said inverted V-shaped strip being also disposed at an angle with respect to the front wall of the receptacle whereby the shelf is inclined downwardly and inwardly, the said door-way having a sliding door mounted on the front wall.

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

WILLIAM A. STEWART.

Witnesses:

B. DAVIS,

ALFRED FUHRMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."