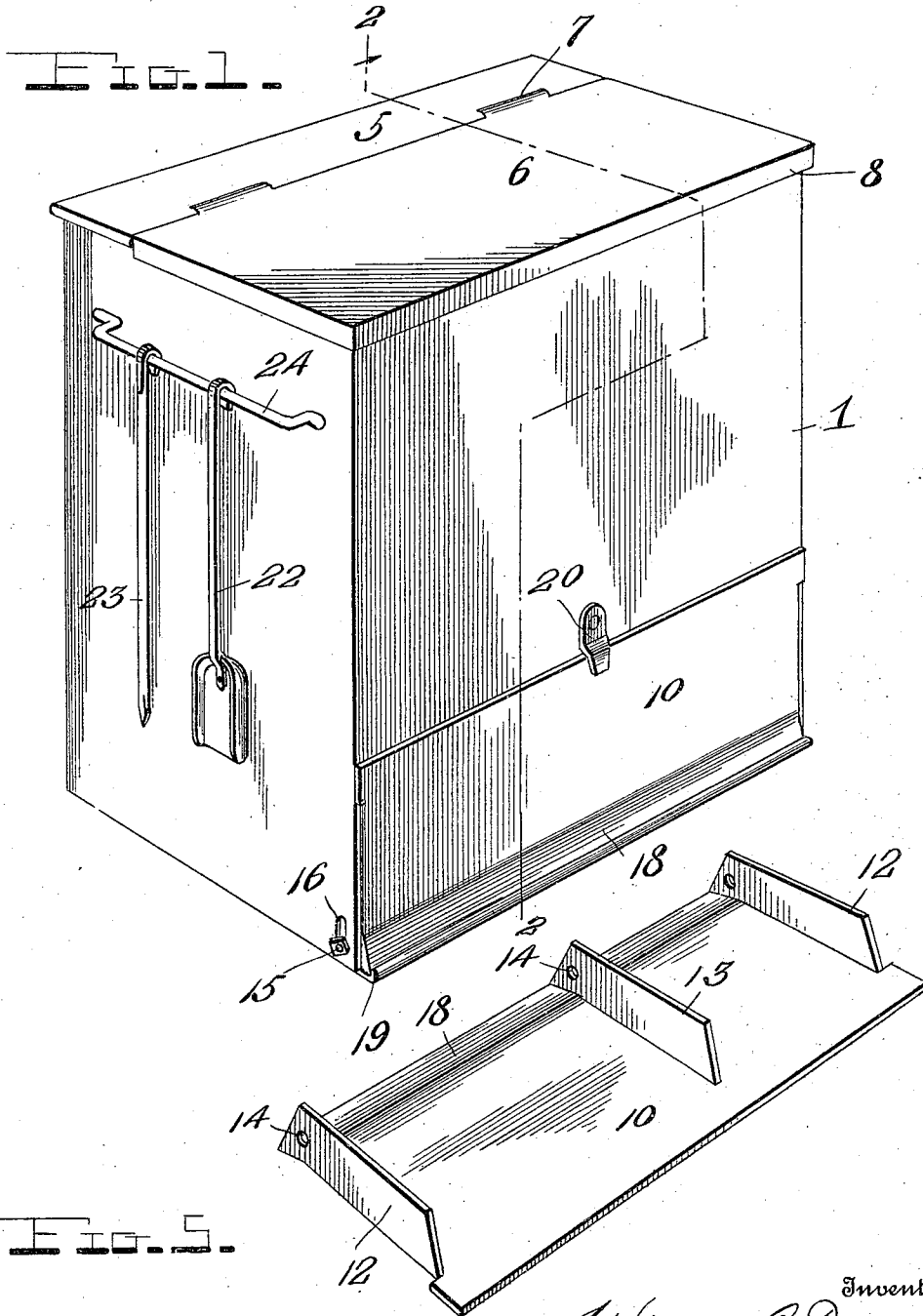


W. B. QUICK.
COAL AND WOOD BOX.
APPLICATION FILED OCT. 12, 1909.

950,027.

Patented Feb. 22, 1910.

2 SHEETS—SHEET 1.



Witnesses

Chas. L. Griebauer.
E. M. Ricketts

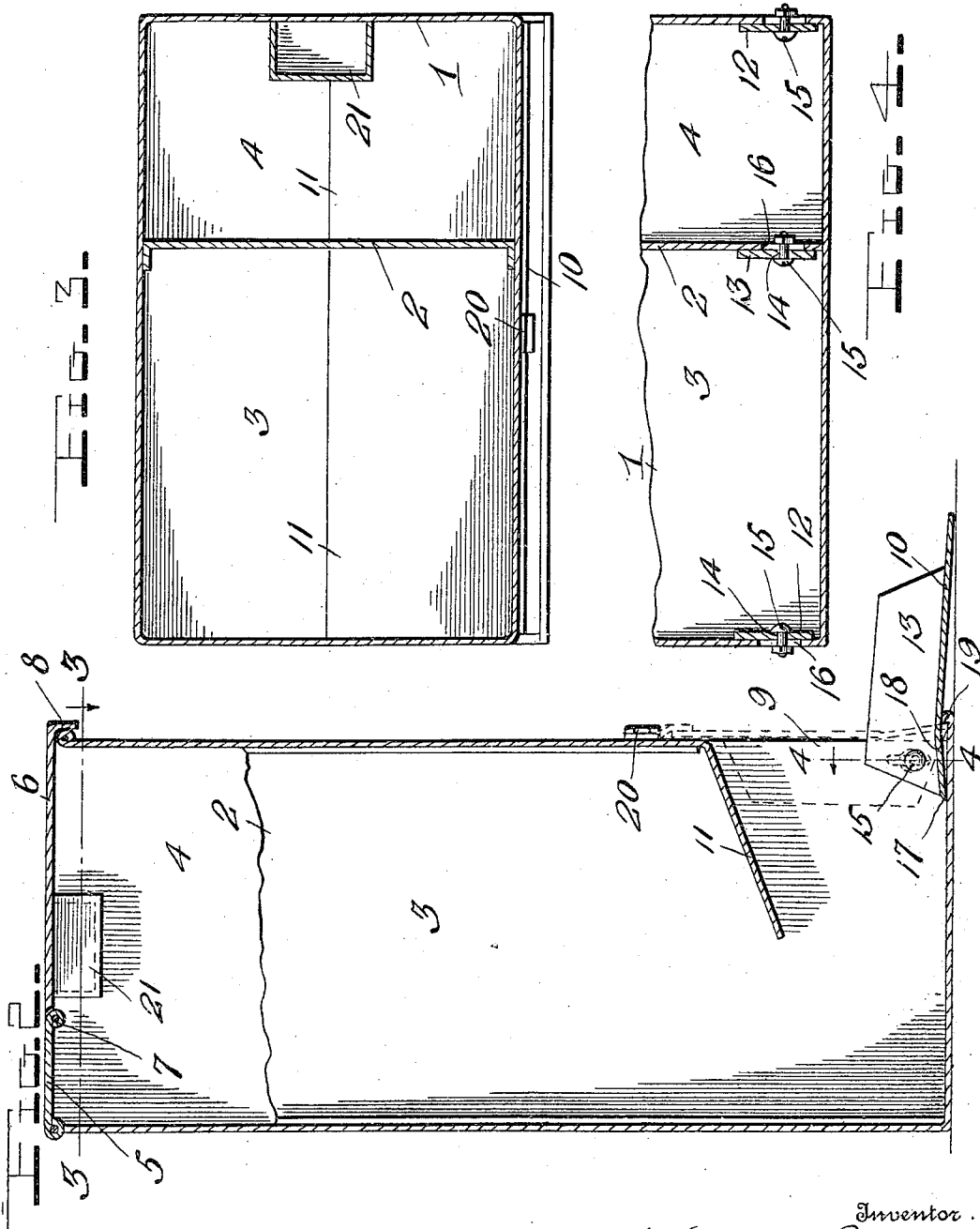
Inventor
William B. Quick
By Watson E. Coleman
Attorney

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UNITED STATES PATENT OFFICE.

WILLIAM B. QUICK, OF ST. LOUIS, MISSOURI.

COAL AND WOOD BOX.

950,027.

Specification of Letters Patent. Patented Feb. 22, 1910.

Application filed October 12, 1909. Serial No. 522,314.

To all whom it may concern:

Be it known that I, WILLIAM B. QUICK, a citizen of the United States, residing at St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Coal and Wood Boxes, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in receptacles or bins for holding coal and kindling wood.

The object of the invention is to provide a simple, practical, convenient and attractive device of this character which may be kept in a kitchen or other room close to a stove for holding coal, wood, matches, a shovel and a poker; and which has an improved door to permit of the ready removal of the coal and wood and also to permit the dirt around a stove to be readily brushed into the box or receptacle.

With the above and other objects in view, the invention consists of the novel construction, combination and arrangements of parts, hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved coal and wood receptacle. Fig. 2 is a vertical section taken on the irregular plane indicated by the broken line 2—2 in Fig. 1. Figs. 3 and 4 are detail sectional views taken respectively on the planes indicated by the lines 3—3, 4—4 in Fig. 2, and Fig. 5 is a detail perspective view of the swinging door.

Referring more particularly to the drawings, 1 denotes the receptacle which is in the form of a rectangular box or bin made, preferably, of sheet metal and having a vertical partition 2 to separate its interior into a coal compartment 3 and a smaller kindling wood compartment 4. The top of the receptacle has a stationary rear portion 5 and a removable portion or cover 6, which latter is hinged to the edge of the section 5 as shown at 7 and has a depending flange 8 surrounding its front and side edges as shown. The hinged top or cover 6 permits the compartments 3, 4 to be readily filled, but the coal and also the kindling wood if desired, is removed from the receptacle through an opening 9 formed in the lower portion of its front and closed by a swinging door 10. The opening 9 is formed

by bending the bottom portion of the front wall of the receptacle or box inwardly to provide a downwardly and inwardly inclined deflector 11 which limits the feed of the coal and wood from the two compartments to the outlet or discharge opening 9. The door 10 has portions of its ends bent upwardly to provide flanges 12 to slidably engage the inner faces of the two end walls of the body of the receptacle 1, and a similar flange 13 is provided on said door at an intermediate point for sliding engagement with the partition 2. Said flanges 12, 13 are formed adjacent to their inner or lower ends with apertures 14 for the reception of bolts or other pivots 15 arranged in vertical slots 16 in the end walls and partition 2. This vertically slidable pivot connection permits the door 10 to slide vertically as well as swing in a vertical plane, consequently the inner or bottom edge 17 of the door will at all times bear upon the upper face of the flat bottom of the receptacle to prevent coal-dust from getting beneath it and to move any coal that may be on the front portion of said bottom inwardly when the door is lowered. To further facilitate this movement of the door and also to permit its upper or outer edge to rest flat upon the surface of the floor when the door is in its lowered or opened position, said door has its rear or lower portion bent at a slight angle with respect to its front or upper portion as indicated at 18. This angular formation of the door permits its front edge to rest upon the floor and its rear edge 17 to rest upon the bottom of the receptacle when the door is lowered or opened, as shown in full lines in Fig. 2, and when said door is swung upwardly to its closed position, indicated in dotted lines in said figure, the edge 17 of said door will engage an upturned flange or rib 19 formed upon the front edge of the bottom of the receptacle. A pivoted turn button or other fastening 20 may be employed for retaining the door 10 in its closed position.

21 denotes a match holder arranged preferably in the upper portion of the kindling wood compartment 4 as shown in Figs. 2 and 3.

22 denotes a shovel and 23 a poker, both of which have hook shaped ends on their handles for engagement with an offset bracket 24 arranged on one of the end walls

of the receptacle. Owing to this construction it will be seen that the shovel and poker may be conveniently kept within reach.

From the foregoing description taken in connection with the accompanying drawings, it is thought that the construction, operation and advantages of the invention will be readily understood without a more extended explanation.

10 Having thus described the invention what is claimed is:

15 The combination of a body having in the lower portion of its front wall an opening, and in its side walls vertical slots, an inclined deflector in the body adjacent said

opening, a swinging door having an angular body portion and end flanges, and pivots on said flanges and movable in the vertical slots in the side walls of the body whereby the inner or lower edge of the door will rest upon the upper face of the bottom of the body while the door is opened or closed and thereby prevent the contents of the body from getting beneath the door. 20

In testimony whereof I hereunto affix my signature in the presence of two witnesses. 25

WILLIAM B. QUICK.

Witnesses:

EUGENIA KOHRUMEL,
EDWARD BLATTNER.