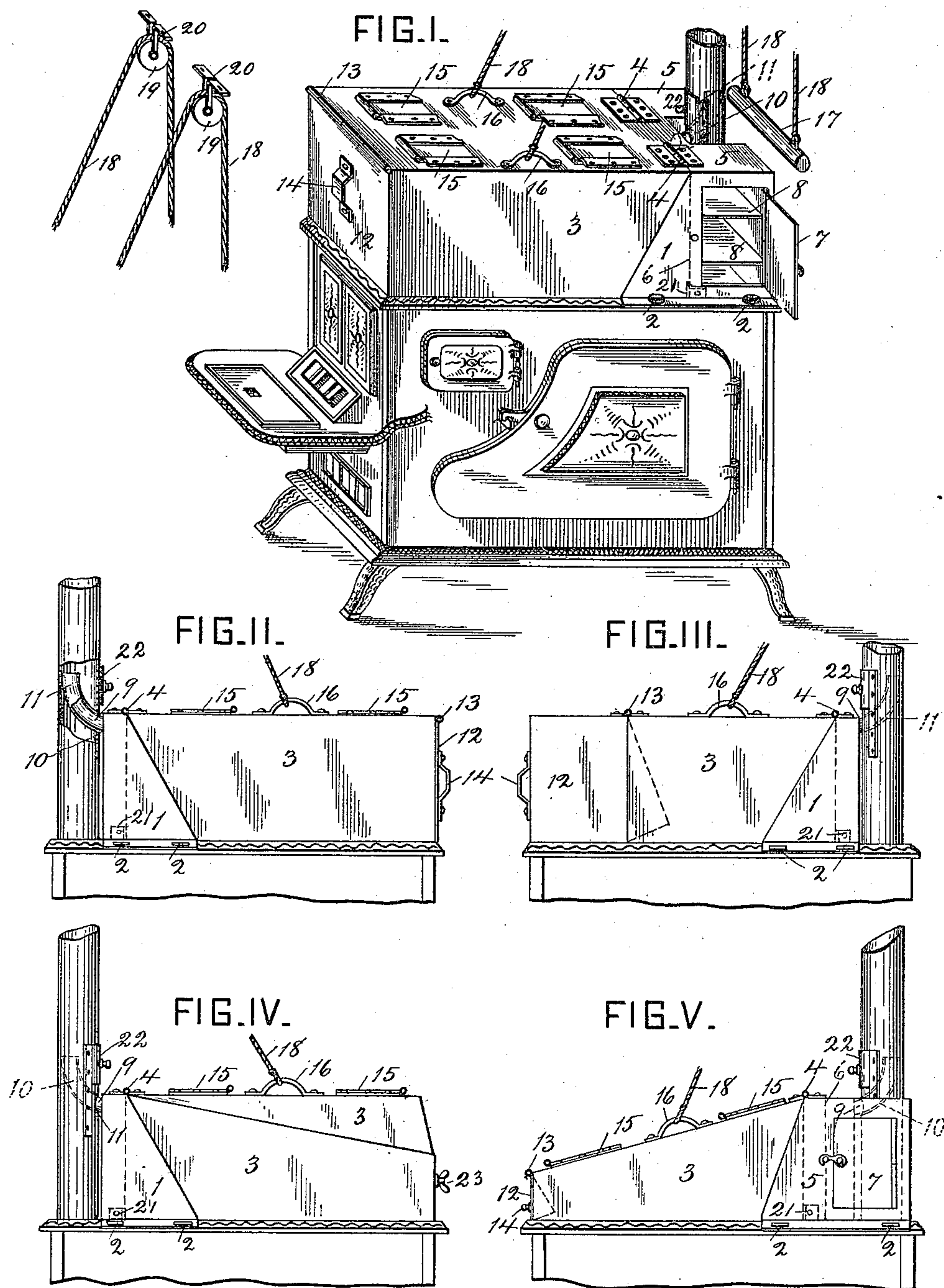


(No Model.)

J. W. STRICKLE & C. J. MASTIN.  
CAP FOR STOVES.

No. 442,648.

Patented Dec. 16, 1890.



Witnesses  
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By their Attorneys  
Knight Bros



# UNITED STATES PATENT OFFICE.

JACOB W. STRICKLE AND CHARLES J. MASTIN, OF HUNTSVILLE, ALABAMA;  
SAID MASTIN ASSIGNOR TO SAID STRICKLE.

## CAP FOR STOVES.

SPECIFICATION forming part of Letters Patent No. 442,648, dated December 16, 1890.

Application filed October 24, 1889. Serial No. 328,093. (No model.)

*To all whom it may concern:*

Be it known that we, JACOB W. STRICKLE and CHARLES J. MASTIN, both citizens of the United States, and both residing at Huntsville, in the county of Madison and State of Alabama, have jointly invented certain new and useful Improvements in Caps for Stoves, of which the following is a specification.

Our invention relates to a cap for cooking-stoves, ranges, and the like; and it consists in novel features of construction hereinafter described and claimed.

In order that our invention may be fully understood, we will proceed to describe it with reference to the accompanying drawings, in which—

Figure I is a perspective view of our improved cap as applied to a cooking-stove. Figs. II, III, IV, and V are side elevations of modified forms of caps.

Our cap is formed of copper, zinc, tin, or sheet-iron, and it is designed to rest on and to be secured to the top of a cooking-stove, as shown in Fig. I.

Our cap is constructed with a stationary or fixed part 1, which is secured by means of thumb-screws or set-screws 2 to the flanges of the stove-top.

3 is a cover or hood secured to the front edge of the fixed part by means of separable hinges 4. The fixed part is provided with extensions 5, one on each side of the smoke-pipe, separated from the cap-chamber by a vertical partition 6 and provided with doors 7 and shelves 8.

The cap-chamber is connected with the smoke-pipe by means of a short curved pipe 9, entering the smoke-pipe through an opening 10, having a curved sleeve 11, conforming to the curved pipe and extending into the smoke-pipe as a guide for the insertion of the curved pipe of the cap when the latter is applied to the stove.

The cover or hood is provided with a front door 12, secured to the front edge of the same by means of separable hinges 13 and having a handle 14. The cover or hood is also pro-

vided with slides or doors 15 in the top, which are located over the pot-holes of the stove.

16 are handles by which the cover or hood is raised and lowered. As a counter-balance for the cover or hood we provide a weight 17, connected by means of cords 18 with the cover or hood, the cords being passed over pulleys or sheaves 19, secured to brackets or hangers 20.

21 is a stop for the cover or hood when lowered into normal position.

22 is a slide to close the opening 10.

In the modifications shown in Figs. II, III, and IV we dispense with the extensions, so that the partition 6 forms the inner end of the cap.

In the modifications shown in Figs. III, IV, and V we show slight changes in the construction of the covers or hoods and the doors thereto.

The hinges being separable, the door or cover or hood can be removed by lifting up and sliding to one side.

The upper part of the cover or hood may be separated from the lower part so as to slide vertically within the latter, the parts being secured together at their outer ends by a suitable fastening 23, as shown in Fig. IV. This construction enables the cover or hood to be adjusted in height to accommodate vessels of different heights.

Wire may be substituted for the cords which connect the counter-balance with the cover or hood.

Having thus described our invention, the following is what we claim as new therein and desire to secure by Letters Patent:

1. A cap for cooking-stoves, consisting of a fixed part 1, having a curved pipe 9, a cover or hood 3, hinged to the fixed part, and a hinged door 12, substantially as described.

2. A cap for cooking-stoves, consisting of a fixed part 1, having a curved pipe 9, and a cover or hood 3, hinged to the fixed part and having top doors 15, substantially as described.

3. A cap for cooking-stoves, consisting of a

fixed part 1, having a curved pipe 9, a cover or hood 3, hinged to the fixed part and having top doors 15, and a hinged door 12, substantially as described.

5 4. A cap for cooking-stoves, consisting of a fixed part 1, having a pipe, extensions 5, having doors 7, and a cover or hood 3, hinged to the fixed part, substantially as described.

5. The combination, with a stove having a

smoke-pipe formed with an opening 10 and a curved sleeve 11, of the cap having a curved pipe 9, substantially as described.

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