C. F. JUDSON.

COOKING HOOD.

APPLICATION FILED APR. 29, 1913.

1,124,912. Patented Jan. 12, 1915.

Fig. 1.

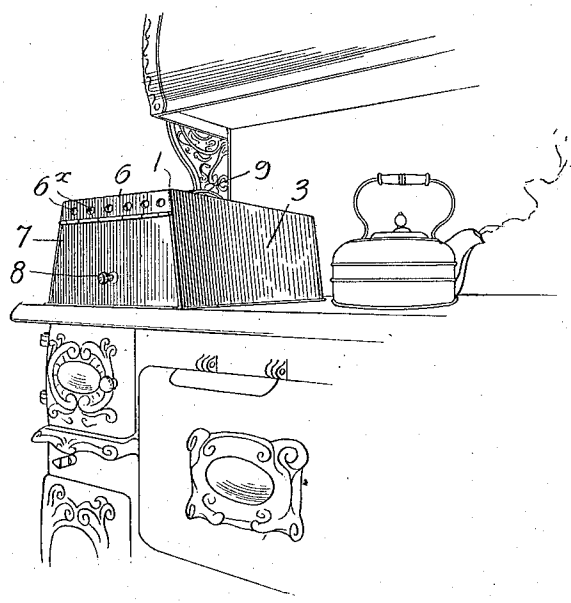


Fig. 2.

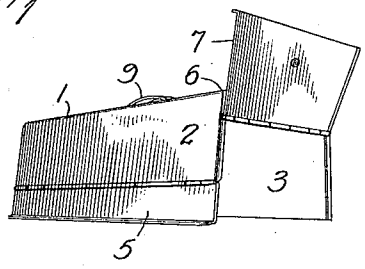


Fig. 3.

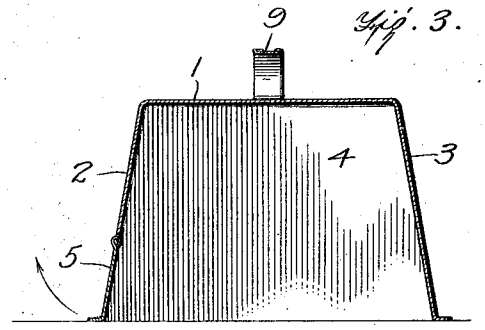
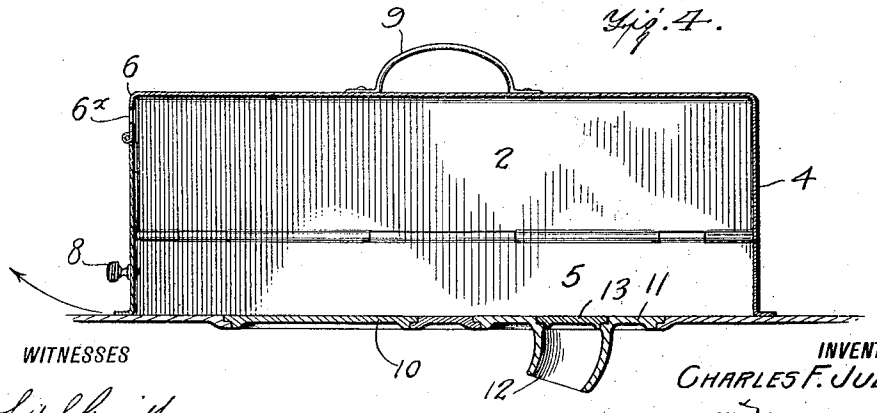


Fig. 4.



WITNESSES

L. A. Schmidt

L. A. Stanley

INVENTOR

CHARLES F. JUDSON,

BY Munn & Co.

ATTORNEYS

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHARLES F. JUDSON, OF EAGLE, IDAHO.

COOKING-HOOD.

1,124,912. Specification of Letters Patent. Patented Jan. 12, 1915.

Application filed April 29, 1913. Serial No. 764,345.

To all whom it may concern:

Be it known that I, CHARLES F. JUDSON, a citizen of the United States, and a resident of Eagle, in the county of Ada and State of Idaho, have made certain new and useful Improvements in Cooking-Hoods, of which the following is a specification.

My invention relates to improvements in cooking hoods, and it consists in the combinations, constructions, and arrangements herein described and claimed.

An object of my invention is to provide a device which may be placed over articles which are being cooked and which when so placed will serve to draw all the odors and smoke into the fire box and thence up the flue.

A further object of my invention is to provide a hood of the type mentioned which is of comparatively light weight, and which can be opened to permit ready access to the articles contained therein.

Other objects and advantages will appear in the following specification and the novel features of the device will be particularly pointed out in the appended claim.

My invention is illustrated in the accompanying drawings forming part of this application in which—

Figure 1 is a perspective view of the device, as applied to a range or stove, Fig. 2 is a perspective view of a device from a different angle, Fig. 3 is an enlarged transverse section, and Fig. 4 is an enlarged vertical section through the hood and stove top.

In carrying out my invention I provide a device comprising a top 1, a front wall 2, a rear wall 3 and an end wall 4. These members are preferably integral, but may be made separately and joined together in any suitable manner. As shown in the drawings the front and rear walls 2 and 3 are sloped preferably at an angle from the top toward the bottom. Hinged to the front wall 2 is a door or closure 5 whose lower edge is arranged to engage the stove top. An end member 6 is provided opposite the end member 4 and is perforated at 6^{x} to admit air. Hinged to the end member 6 is a closure 7 which is provided with a handle 8. A handle 9 is secured to the top for the purpose of raising the hood bodily.

From the foregoing description of the various parts of the device the operation thereof may be readily understood.

In the ordinary operation of cooking, say for instance in broiling a steak, the stove lids, such as that shown at 10 in Fig. 4, may be removed and the hood placed over the opening. The door or closure 7 may be lifted and the broiler with the steak therein placed over the opening. Any odors from the article cooking will be drawn down through the top of the stove and thence up the flue. In certain instances, it may be desirable to leave the lids in place. In such instance I may provide a lid 11 (see Fig. 4) of a special shape having a discharge pipe 12 carried thereby. This pipe 12 may be covered with a central auxiliary lid 13. Now by removing the latter the odors and smoke from the cooking will be drawn down through the pipe 12 and discharged into the fire box or other compartment of the stove where it will then pass out through the flue with the products of combustion.

The purpose of the openings 6^{x} is to permit the outside air to have free entrance into the hood when the doors 5 and 7 are closed. The provision of the door 5 permits articles to be placed into the hood from the front of the stove while the door 7 permits the entrance of articles from the end of the hood.

A hood constructed as described above obviates the necessity of building an extra flue for taking off odors from articles cooked upon the stove or range. The device is of light weight and may be readily lifted into position. It has few operating parts and is not liable to easily get out of order. I am aware that other devices of a similar nature might be made, but I consider as my own all such modifications as fairly fall within the spirit and the scope of the invention.

I claim:

The combination with a stove having openings in its top, of a lid for said openings having a discharge pipe extending into the fire box, an auxiliary lid for normally clos-

ing said pipe, and a hood arranged to be placed over said stove openings, one end of said hood having a hinged closure and being provided with a series of air openings above said hinged closure, and one side of said hood being provided with a hinged closure arranged to swing downwardly in contact with the stove, said last named hinged closure extending the full length of the hood.

CHARLES F. JUDSON.

Witnesses:
CHARLES B. COXE,
JAMES H. LANE.

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