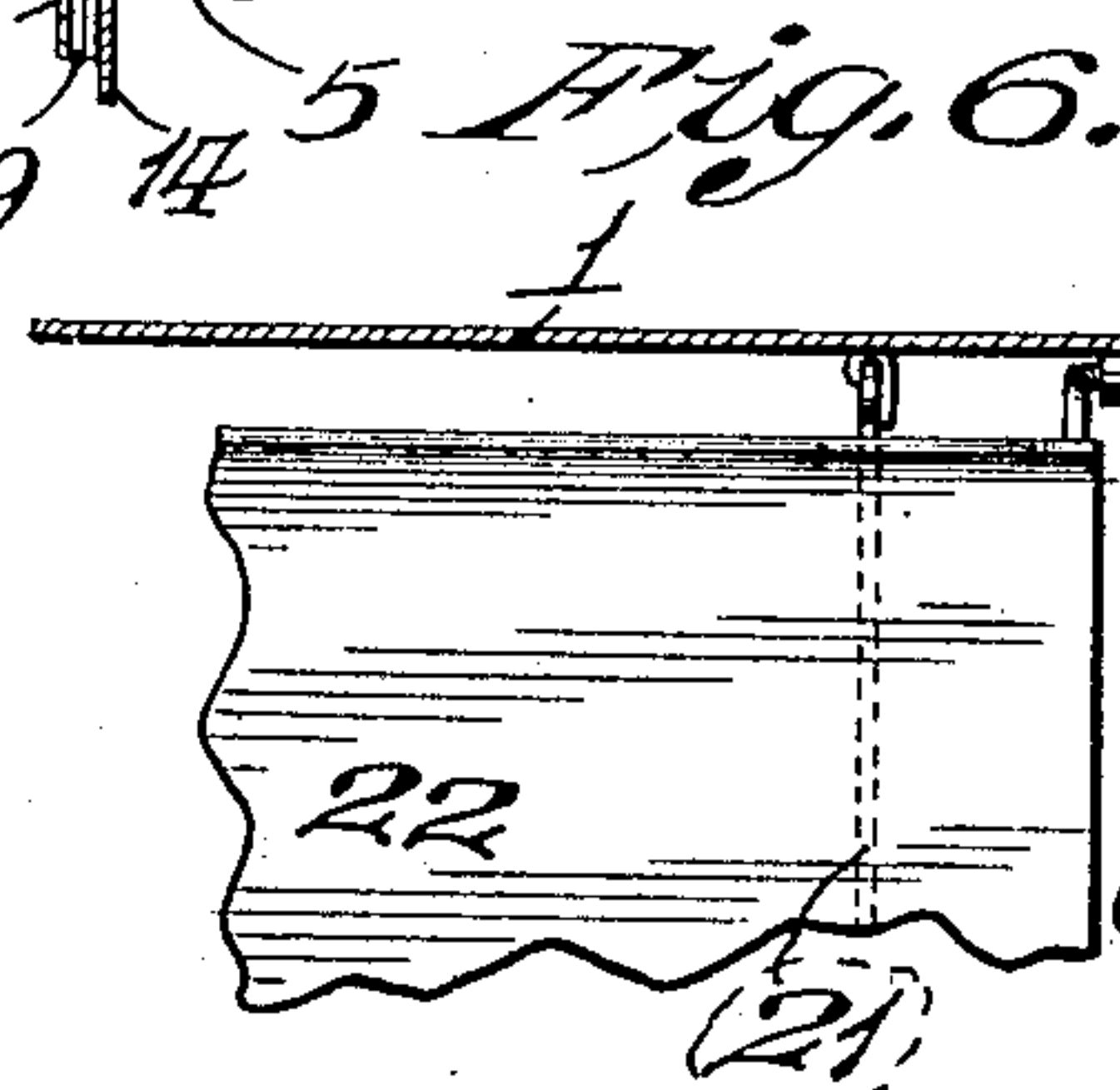
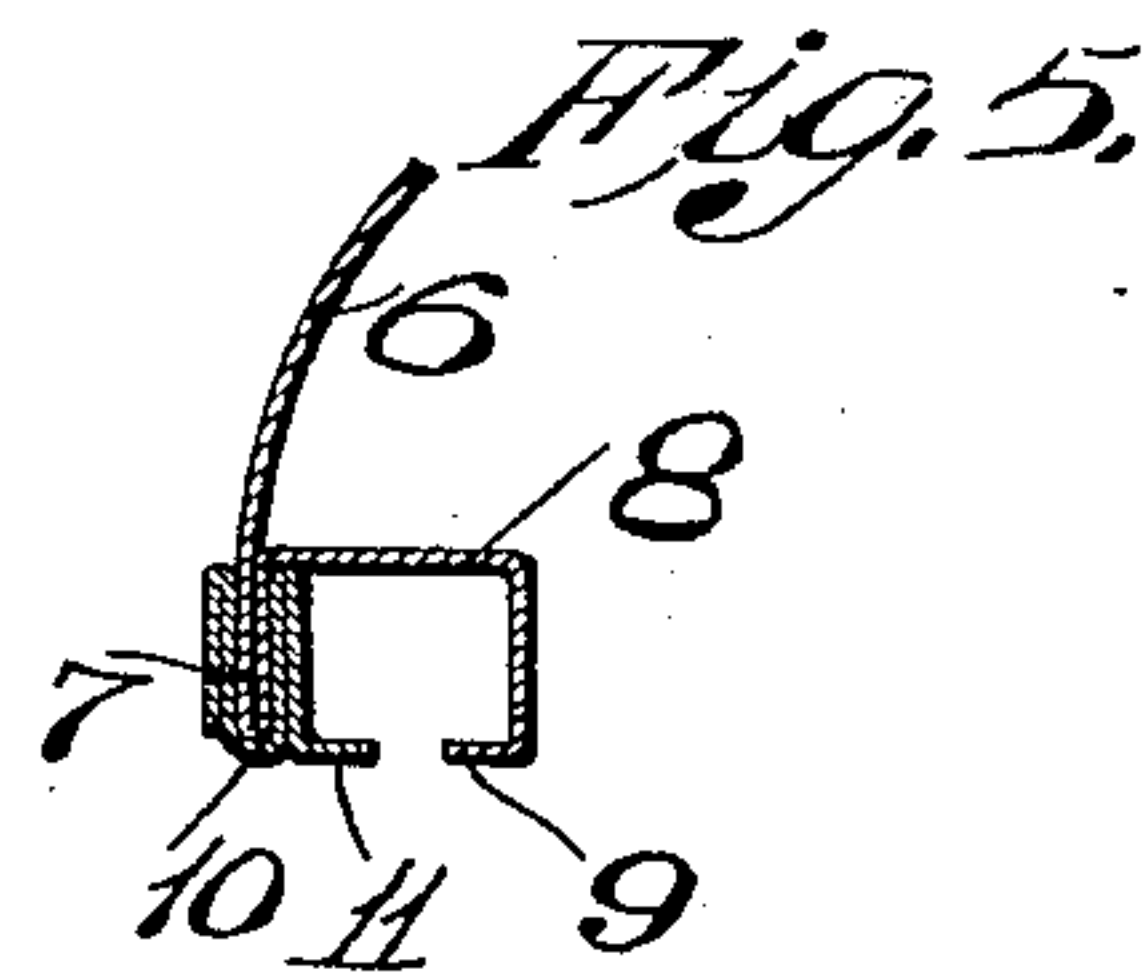
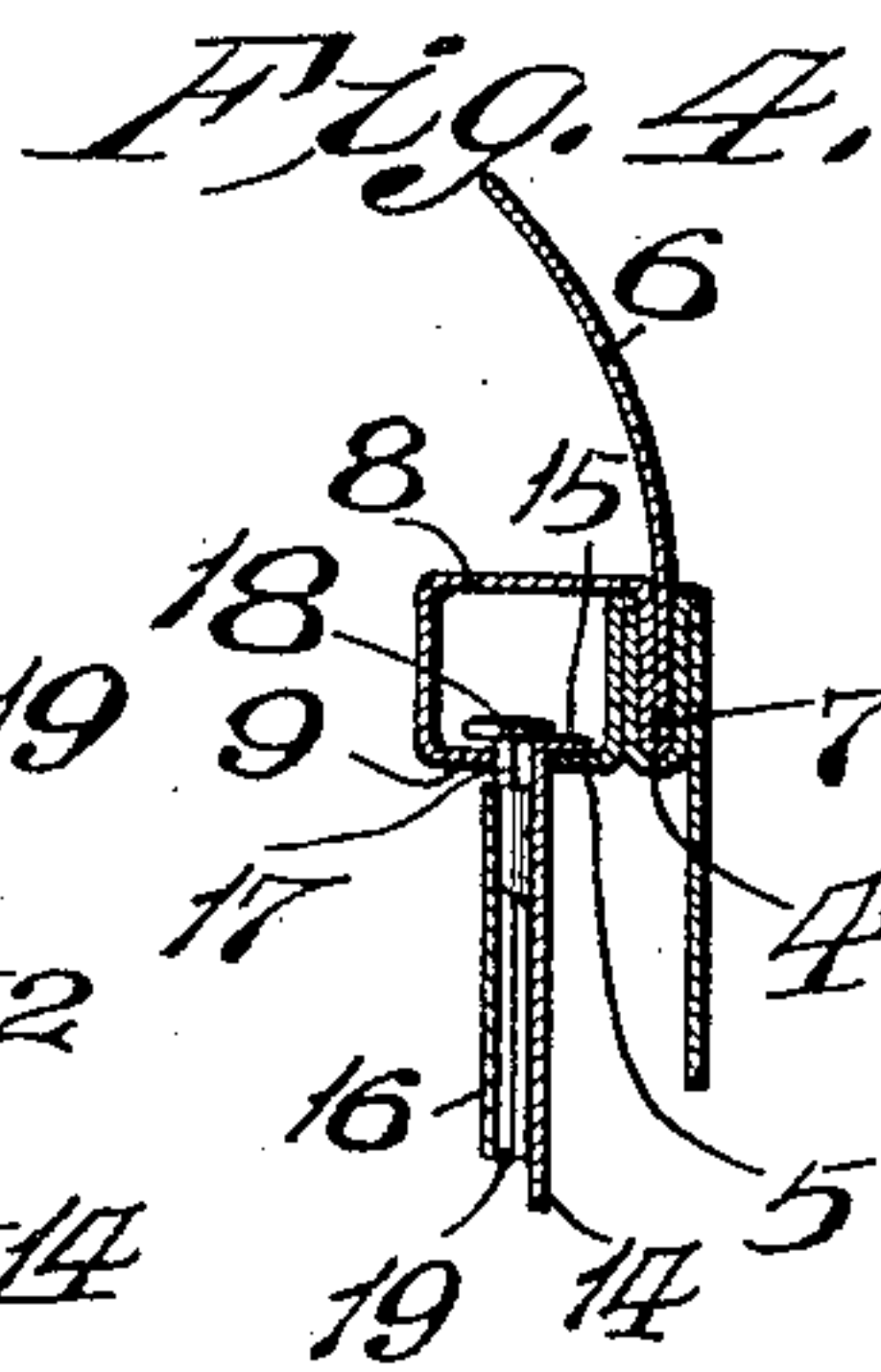
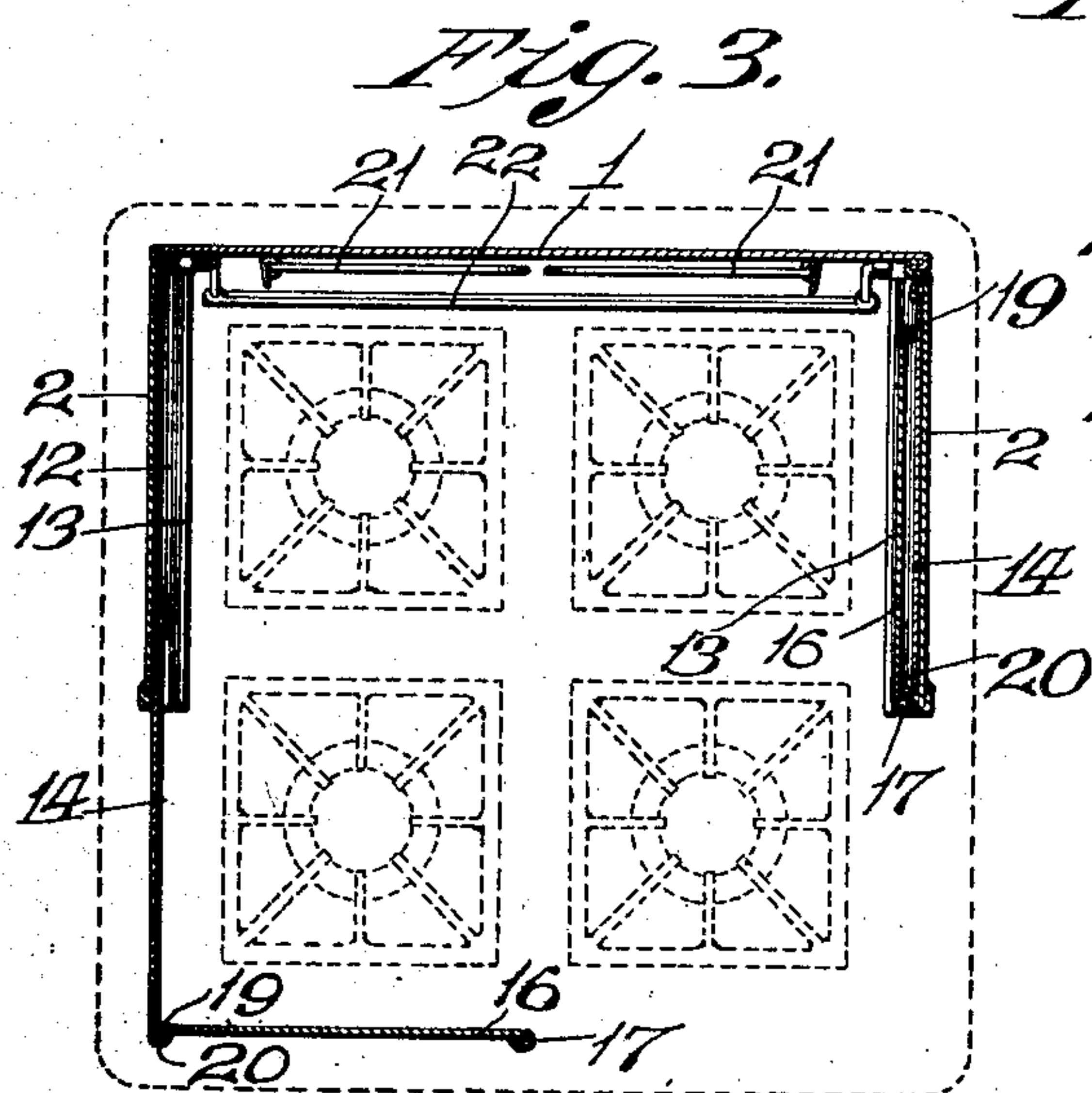
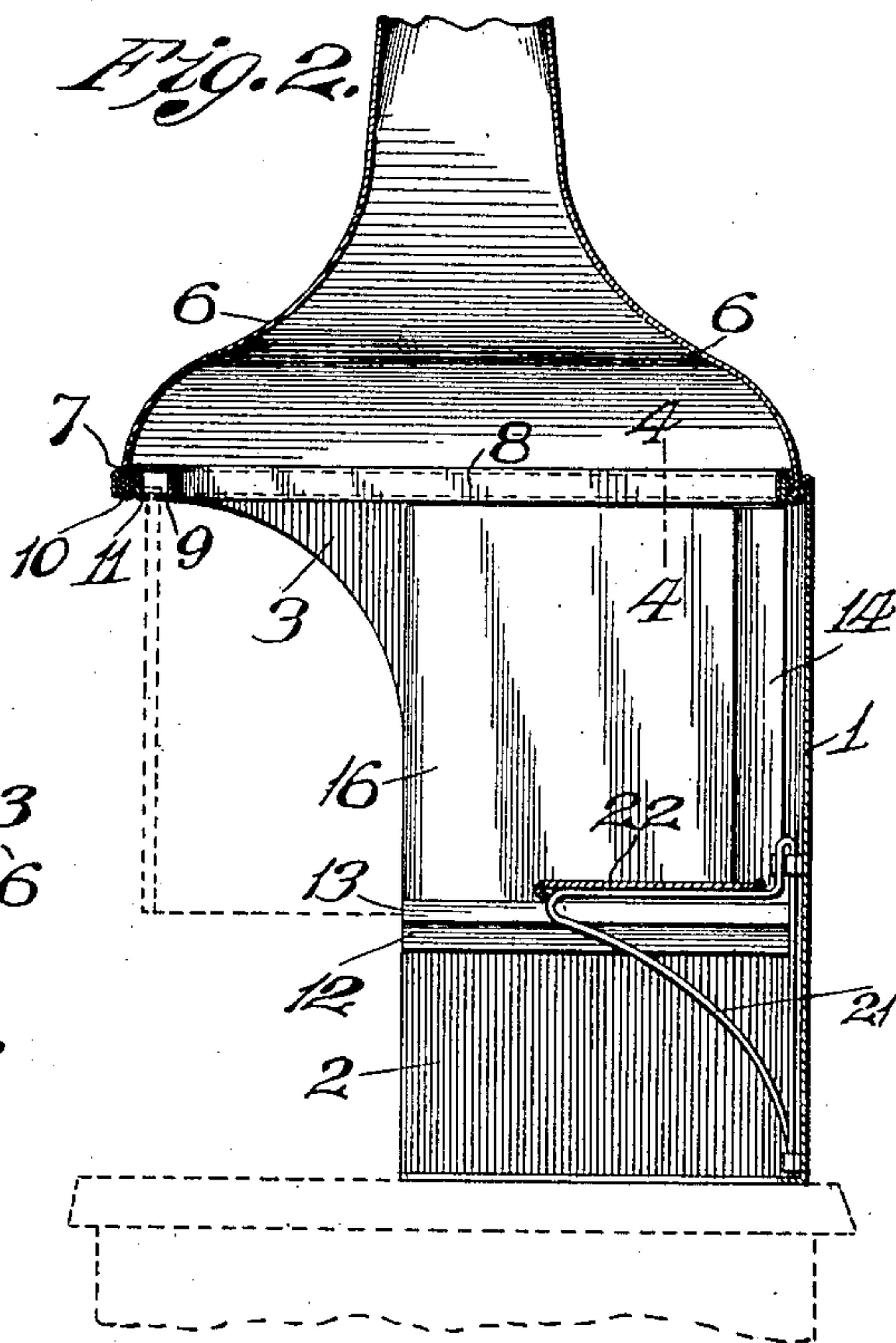
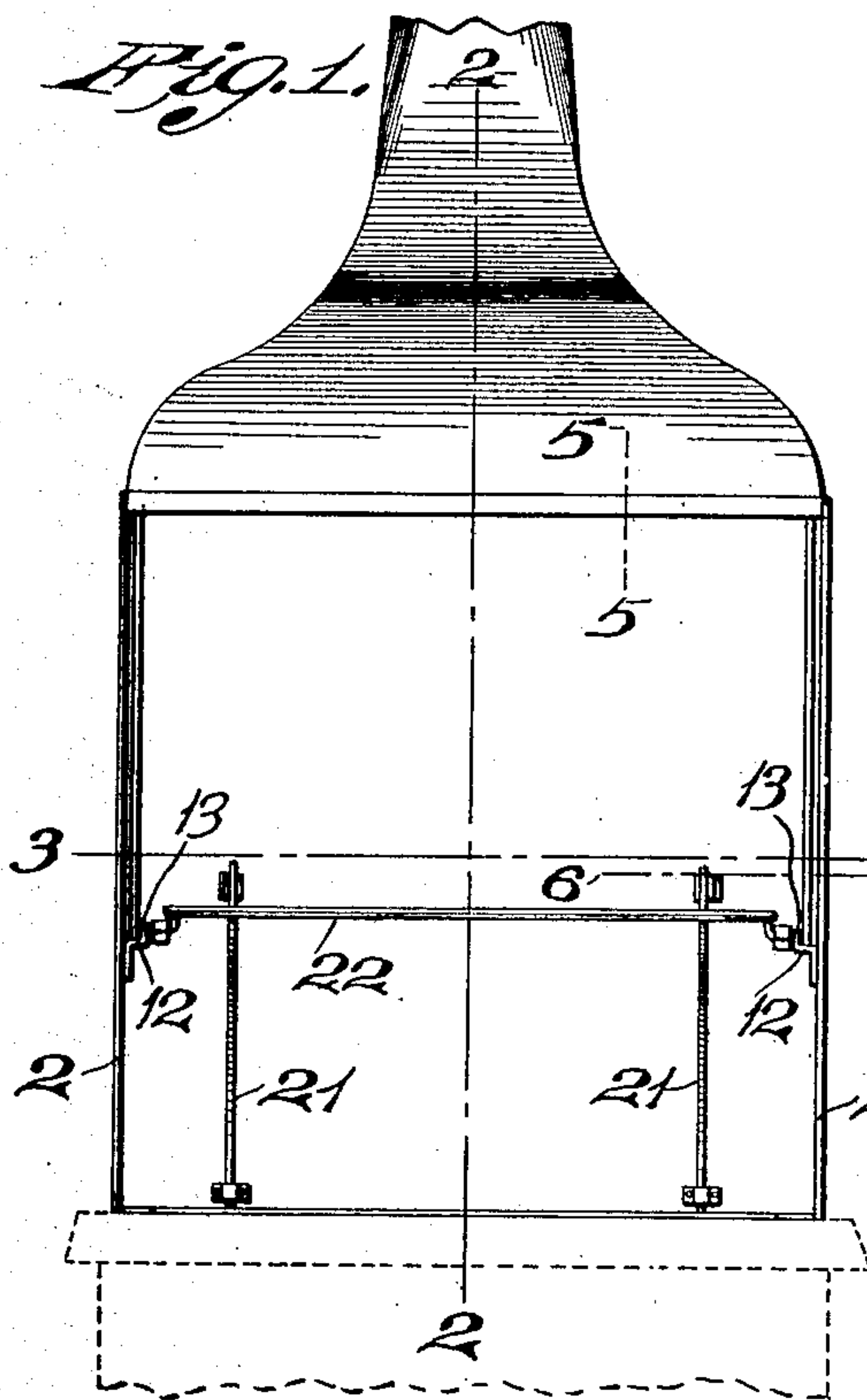


J. P. HAHN.  
 COMBINED CANOPY AND VENTILATOR FOR STOVES.  
 APPLICATION FILED MAY 26, 1908.

916,699.

Patented Mar. 30, 1909.



Attest.  
 L. G. Fletcher.  
 M. Smith

Inventor,  
 JOHN P. HAHN.  
 By *Richard Longan.*  
 Attys.



# UNITED STATES PATENT OFFICE.

JOHN P. HAHN, OF ST. LOUIS, MISSOURI, ASSIGNOR OF ONE-FOURTH TO HERBERT F. HAHN,  
OF ST. LOUIS, MISSOURI.

## COMBINED CANOPY AND VENTILATOR FOR STOVES.

No. 916,699.

Specification of Letters Patent.

Patented March 30, 1909.

Application filed May 26, 1908. Serial No. 435,133.

*To all whom it may concern:*

Be it known that I, JOHN P. HAHN, a citizen of the United States, and resident of St. Louis, Missouri, have invented certain new and useful Improvements in a Combined Canopy and Ventilator for Stoves, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to a canopy or hood particularly adapted for use in connection with a cook stove or range, and the principal object of my invention is to construct a simple, inexpensive hood or canopy, which is positioned immediately over the burners or stove holes, and which hood or canopy will be the means of creating a draft between the top of the stove on which it is positioned and the chimney flue, thereby carrying off all smoke, steam, and odors arising from the food, or the like, which is being cooked and prepared upon the stove.

A further object of my invention is to construct a stove hood or canopy with a solid rear portion, which normally rests on the rear portion of the stove top, and there being a series of sliding sectional walls arranged on the rear portion of the hood and canopy in such a manner as that when drawn forward, the entire stove top will be substantially inclosed, and all of the smoke and steam arising from the cooking on the stove top will be carried off by the natural draft through the hood and canopy.

A further object of my invention is to equip a stove hood and canopy with a folding shelf which may be used for holding dishes and cooking utensils, or whatever desired.

To the above purposes, my invention consists in certain novel features of construction and arrangement of parts, which will be hereinafter more fully set forth, pointed out in the claims, and illustrated in the accompanying drawings, in which:—

Figure 1 is a front elevation of a hood or canopy of my improved 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, with one of the sectional walls moved forward; Fig. 4 is an enlarged vertical section taken on the line 4—4 of Fig. 2; Fig. 5 is an enlarged detail section taken on the line 5—5 of Fig. 1; Fig. 6 is an

enlarged detail section taken on the line 55 6—6 of Fig. 1.

Referring by numerals to the accompanying drawings:—1 designates the rear wall of the hood or canopy, which is vertically disposed adjacent the rear edge of the stove, and fixed to and extending forward from the side edges of this rear wall are the side walls 2, the lower portions of which are of such width as that they extend approximately one-half way toward the front edge of the stove, and the upper ends of these side walls 2 extend forward, as designated by 3; and the extreme forward ends of the extended upper portions of said side walls occupy positions immediately above the front corners of the stove top. The upper edges of the side walls 2 and the upper edge of the rear wall 1 are bent to form U-shaped grooves 4; and projecting inward from these U-shaped bent portions on the sides 2 of the hood are horizontally disposed flanges 5.

The top 6 of the hood or canopy is preferably constructed of sheet metal, and is provided on its lower edge with a depending flange 7, which fits snugly in the U-shaped bent upper edges 4 of the side walls 2 and rear wall 1; and the lower edges of the side walls of the top 6, immediately adjacent these flanges 7, are bent inward, as designated by 8; and the lower edges of said inwardly bent portions are bent to form horizontal flanges 9, which are arranged directly opposite the flanges 5. The lower edge of the front wall of the top 6 is constructed in the manner just described and located on the depending flange 7, at the lower edge of said front wall, is a U-shaped rail 10, provided with a horizontally disposed flange 11, which is directly opposite the flange 9.

Fixed to the inner faces of the side walls 2 of the hood, at a short distance above the bottom of the hood or canopy, are horizontally disposed tracks 12, with the inner edges of which are formed integral the vertically disposed flanges 13. Arranged to slide upon each track 12, and immediately against each side wall, is a plate 14, the upper edge of which is bent outward, as designated by 15, and said outwardly bent edge bears directly upon the extending flange 5. Arranged to slide against the inner face of each plate 14 is a plate 16, the top corners of which are provided with vertically disposed pins 17,



provided on their upper ends with heads 18, and which pins travel between the flanges 5 and 9; and the rear edge of each plate 16 is curved so as to form a hook 19, which engages a corresponding hook 20, formed on the forward edge of each plate 14.

Hinged to the inner face and lower portion of the rear wall 1 of the hood is a pair of brackets 21, and hinged to the inner face of said rear wall and adapted to be supported by said bracket 21, is a shelf 22.

My improved stove hood or canopy constructed as herein described is positioned on top of a stove, and under normal conditions, or where light cooking is being done, the sectional walls, comprising the plates 14 and 16, occupy positions immediately against the upper portions of the side walls 2, as shown in Fig. 2.

When there is an excessive amount of steam, smoke, or odor arising from the food being prepared upon the stove, the forward edges of the plates 16 are engaged and the same are drawn forward; and in so doing the heads 18 of the pins 17 ride upon the flanges 9 and outwardly bent edges 15 of the plates 14; and when the outer edges of said plates 16 have been moved forward to such a degree as that the hooks 19 on the rear edges of said plates engage the hooks 20 on the forward edges of the plates 14, the pins 17 on the forward ends of said plates 16 will pass between the flanges 9 on the lower front edge of the top 6 and the adjacent flange 11, and said plates 16 are now moved toward one another and at right angles to the forwardly moving plates 14; and, as a result, said plates 14 form extensions for the upper portions of the side walls 2, and the plates 16 form a front wall which depends from the front edge of the top 6. Thus the entire space above the top of the stove is substantially inclosed, and a draft is created through the hood and canopy to the chimney flue, which draft readily carries off all smoke, steam, and odors from the cooking.

Ordinarily the shelf 22 occupies a vertical position immediately against the lower portion of the rear wall 1 of the hood; and when it is desired to use said shelf to support dishes or cooking utensils, said shelf 22 is

elevated, after which the brackets are swung forward to support said shelf.

The sliding plates are readily shifted from one position to another, and cooperate with the body of the hood or canopy in forming a structure to inclose the space above the burners or stove openings.

The entire apparatus is simple, inexpensive, easily and cheaply manufactured, can be made in any size to fit different sized stoves and ranges, and can be applied to all forms of gas, gasolene, wood, coal, or oil stoves.

I claim:—

1. An attachment for stoves, comprising a hood arranged on top of the rear portion of a stove, which hood comprises a top, side walls and rear wall, flanges formed integral with said top and with the upper edges of the sides of the body of the hood, and sliding plates having their upper ends supported by said flanges, and which plates are adapted to be drawn forward to form a front wall for the hood.

2. An attachment for stoves, comprising a hood adapted to be positioned on the rear portion of a stove top and which hood comprises a top, side walls and rear wall, a plurality of plates arranged to slide on the upper portion of the side walls of the hood, and which plates when drawn forward form a front wall for the hood, and a shelf arranged on the rear wall of the hood.

3. An attachment for stoves, comprising a hood adapted to be positioned on the rear portion of a stove top and which hood comprises a top, side walls and rear wall, a plurality of plates arranged to slide on the upper portion of the side walls of the hood and which plates when drawn forward form a front wall for the hood, a shelf hinged to the rear wall of the hood, and brackets hinged to the rear wall of the hood and adapted to swing into position to support the shelf.

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

JOHN P. HAHN.

Witnesses:

M. P. SMITH,  
HERBERT F. HAHN.