

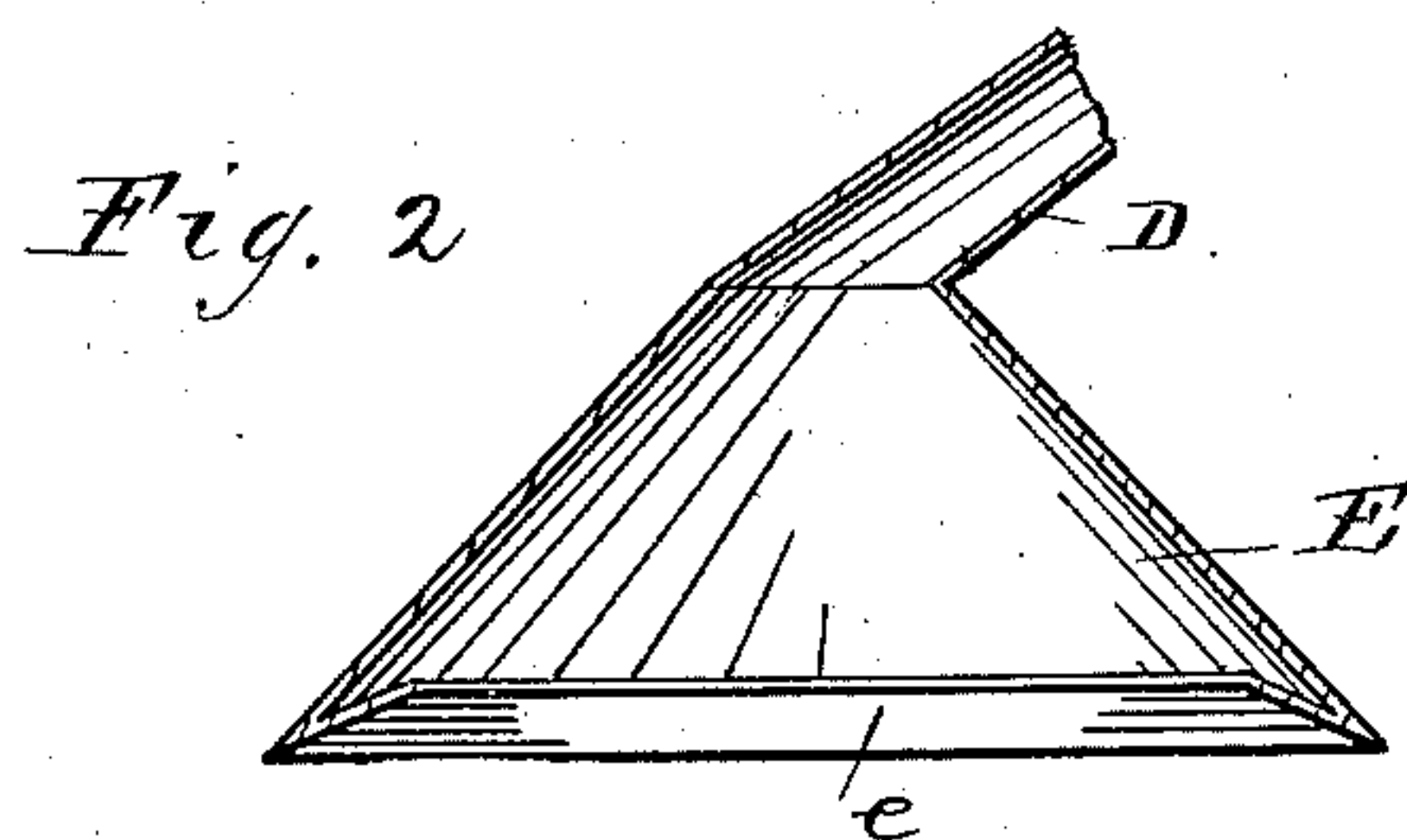
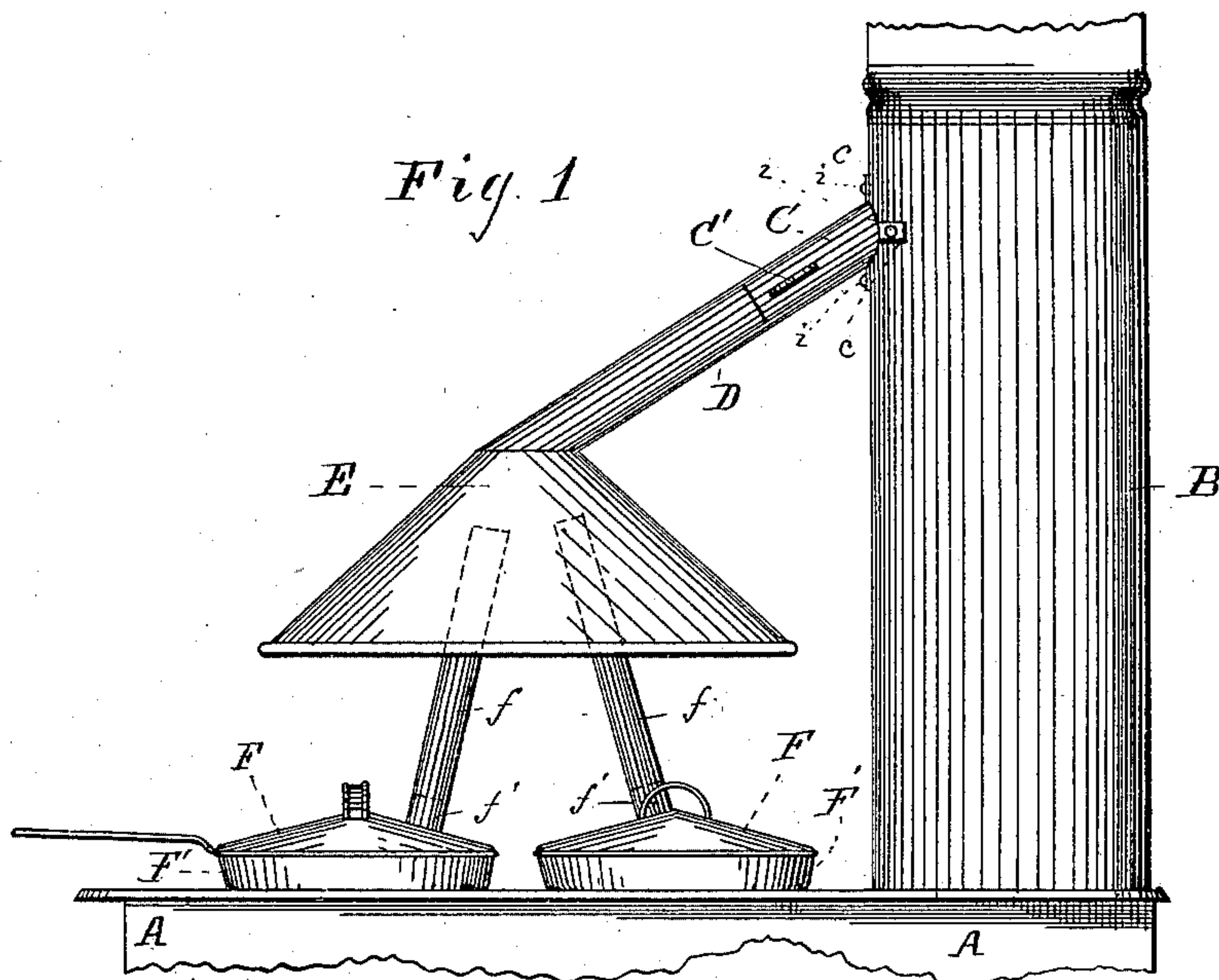
(No Model.)

M. C. FISHER.

STOVE HOOD.

No. 312,712.

Patented Feb. 24, 1885.



WITNESSES

Morton Toulmin
Wm. H. Peters

INVENTOR

M. C. Fisher

Josh. H. Hunter
Attorney

UNITED STATES PATENT OFFICE.

MELISSA C. FISHER, OF LONG PRAIRIE, MINNESOTA.

STOVE-HOOD.

SPECIFICATION forming part of Letters Patent No. 312,712, dated February 24, 1885.

Application filed June 19, 1884. (No model.)

To all whom it may concern:

Be it known that I, M. C. FISHER, a citizen of the United States, residing at Long Prairie, in the county of Todd and State of Minnesota, have invented certain new and useful Improvements in Attachments to Cooking-Stoves, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to improvements in attachments to cooking-stoves, and has for its objects to carry off steam and odors which occur during the process of cooking; also to prevent the products of condensation from dripping back upon the stove or its utensils. These objects are attained by the devices illustrated in the accompanying drawings, forming a part of this specification, in which—

20 Figure 1 is an elevation. Fig. 2 is a sectional view of the hood removed from the stove.

The letter A indicates a stove, which may be of any of the usual forms for cooking purposes. B is the stove-pipe. C is a short piece of pipe attached thereto, preferably at an acute angle, in a downward direction, and is provided with a damper, C', whereby the draft may be regulated. A pipe, D, which may be removed at pleasure, and also adjusted by sliding in and out of the pipe C, is fitted to the lower end of that pipe, and thus forms a passage-way for steam and odors arising from the stove and its cooking utensils, whereby they may escape, when collected by the hood E, into the stove-pipe B. This pipe D is attached to the top of the hood E, which is of funnel shape, and has its outer walls, e, turned up inwardly at the bottom, so as to form an annular chamber or receptacle to catch the drippings from the condensed steam (arising from the cooking utensils) and prevent them from falling upon the top of the stove or upon its cooking utensils. They may be emptied from the chamber by removing the hood and its pipe D from the stove and its connecting-pipe C.

45 F are sheet-metal covers, which are intended

to fit on the tops of the cooking-vessels, and may therefore be made of any convenient shape or of any material to accomplish this purpose. Each cover is provided with a short pipe, f', over which are fitted short pipes f, open at their upper ends, which extend in an upward direction and enter the open space beneath the hood E. It will be readily seen that the covers F will collect and concentrate any vapor arising from the act of cooking, and cause it to be conveyed by the draft through the pipes f' f into the hood E, thence through the pipes D C into the stove-pipe B, and from there to the outside of the building.

I am aware that cooking-stoves have been provided with a hood and connected therewith, one or more pipes leading to the smoke pipe or flue thereof, and that covers to cooking utensils have been provided with short pipes extending under such hood, whereby the steam and odors arising from the cooking utensils may be carried off to the outer air through the chimney, as shown in Patent No. 173,294, February 8, 1876, granted to H. M. Hockman. I do not claim this, broadly; but,

70 Having described my invention, what I do claim, and desire to secure by Letters Patent, is—

In a cooking-stove, the pipe B and short pipe C, having lugs c, whereby it is secured thereto by rivets i, said pipe C having a damper, C', the funnel-shaped hood E, having receptacle e, and straight pipe D, adapted to enter the pipe C and be supported thereby, in combination with cooking utensils F', having covers F, provided with short pipes f' and detachable pipes f, as shown and described, and for the purposes set forth.

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

MELISSA C. FISHER.

Witnesses:

SILAS P. CHANDLER,
S. B. MESSER.