

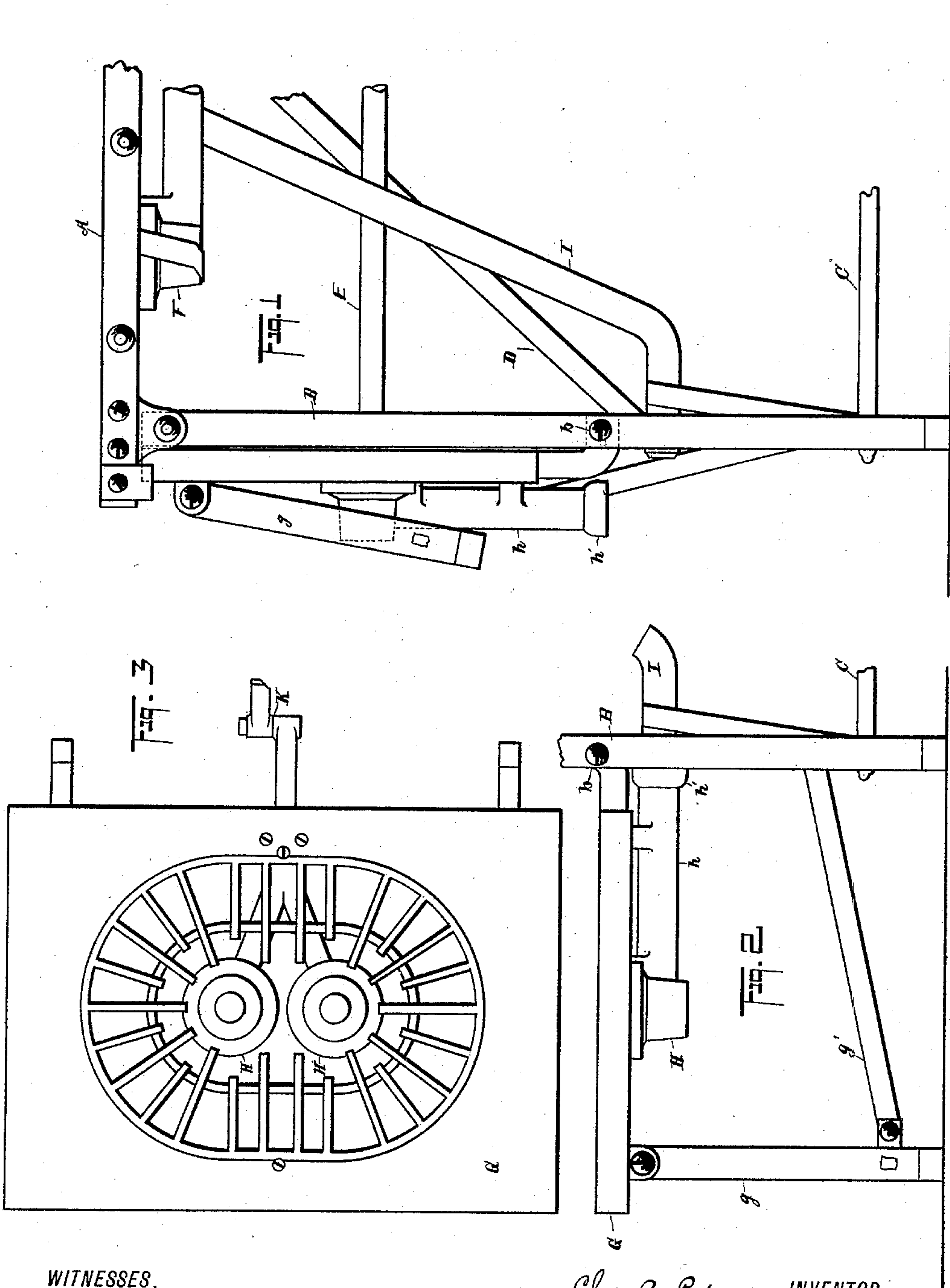
(No Model.)

C. A. POPE.

VAPOR BURNER STOVE ATTACHMENT.

No. 387,253.

Patented Aug. 7, 1888.



WITNESSES.

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UNITED STATES PATENT OFFICE.

CHARLES A. POPE, OF CLEVELAND, OHIO.

VAPOR-BURNER-STOVE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 387,253, dated August 7, 1888.

Application filed November 14, 1887. Serial No. 255,150. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. POPE, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Vapor-Burner-Stove Attachments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to improvements in vapor-burner-stove attachments in which a metal shelf or leaf is hinged to the frame of the stove, so as to be folded to an upright or vertical position against the stove or distended to a horizontal position, such shelf bearing one or more burners with suitable pipe connections for conducting gas or gasoline, as the case may be, from the stove proper to such auxiliary burners, to the end that extra burner or burners are thus provided for use as the occasion may require, such extra burners requiring no extra floor-space when not in use.

In the accompanying drawings only so much of the stove proper is shown as is necessary in illustrating my invention. Figures 1 and 2 are side elevations showing, respectively, the shelf folded and extended. Fig. 3 is a plan of the shelf.

The stove may be of any of the ordinary variety of vapor-burners—such, for instance, as shown, A representing the top plate of the stove, and B the legs at the one end thereof, together with such tie-rods and braces C and D as may be necessary.

E is the gasoline-supply pipe, and F one of the burners of the stove.

G is a folding shelf pivoted or hinged to the stove legs or frame—for instance, at *b*—so that the shelf may be extended to a horizontal position, as shown in Fig. 2, or folded to an upright position against the stove. (See Fig. 1.) Legs *g* are pivotally connected with the shelf for supporting the latter in its horizontal position, and to these legs are pivotally attached one or more guide-rods, *g'*, such rods being pivotally connected with the legs or frame of the stove, the length of these guide-rods being such as to hold legs *g* in a vertical position. One or more burners, H, are mounted on shelf G in substantially the same manner as the burners are attached to the top plate of the stove, with suitable pipe-connec-

tions for supplying burners H with fuel, vapor, or gasoline, as the case may be, from the stove proper.

In case burners H are of the non-generating variety a tube of considerable size is provided for conducting vapor from the central or generating burner of the stove, such, for instance, as tube I. When shelf G is in a horizontal position, tube I connects with tube *h*, the latter having preferably an enlarged end, *h'*, that closes over the end of tube I. In case of more than one burner H, tube *h* may have branches leading to the different burners, as shown in Fig. 3. Where the burners of the shelf are of the generating variety, supply-pipe E, or a branch thereof, would lead to the burners of the shelf, such supply-pipe having of course to be provided with a joint—such, for instance, as shown at K—such joint having its axial line coincident with the axial line of the hinges or pivots *b*. For domestic use, a stove of moderate size, such as would meet the ordinary requirements, would on account of its small size be desirable were it not for the fact that on some occasions—such, for instance, as washing or baking day—such stove would be too small. My improved attachment is well adapted to meet such contingencies. Shelf G, when extended, being low down, is well adapted to receive a large boiler or other utensil for heavy work, and when such extra work is done the shelf may be folded up and the stove reduced to its normal proportions for every-day work. The shelf may be arranged to turn downward in folding if so preferred.

What I claim is—

The combination, with vapor-burner stove, of folding shelf hinged or pivotally connected with the stove so as to be folded to an upright or approximately vertical position against the stove or extended to a horizontal position, said shelf bearing one or more burners, with suitable pipe-connection for supplying such auxiliary burners with fuel from the stove proper, substantially as set forth.

In testimony whereof I sign this specification, in the presence of two witnesses, this 1st day of November, 1887.

CHARLES A. POPE.

Witnesses:

CHAS. H. DORER,
ALBERT E. LYNCH.