

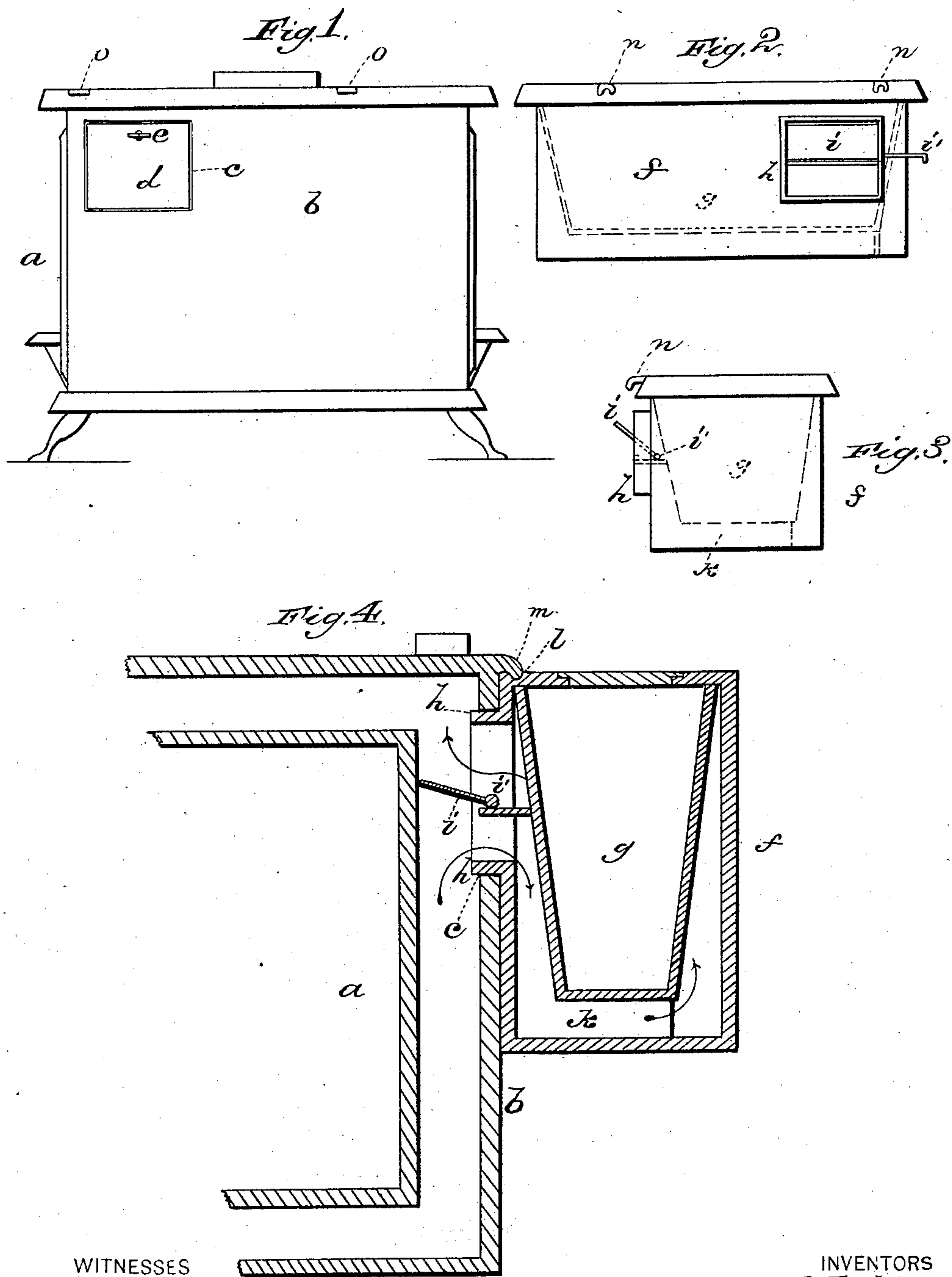
(No Model.)

H. L. FISHER & A. J. HASSELL.

PORTABLE RESERVOIR FOR STOVES.

No. 294,215.

Patented Feb. 26, 1884.



WITNESSES
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UNITED STATES PATENT OFFICE.

HARVEY L. FISHER AND ANGELL J. HASSELL, OF TOLEDO, IOWA.

PORTABLE RESERVOIR FOR STOVES.

SPECIFICATION forming part of Letters Patent No. 294,215, dated February 26, 1884.

Application filed January 19, 1883. (No model.)

To all whom it may concern:

Be it known that we, HARVEY L. FISHER and A. J. HASSELL, both citizens of the United States, residing at Toledo, in the county of Tama and State of Iowa, have invented certain new and useful Improvements in Portable Reservoirs for Stoves; and we do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of a rear view of a cook-stove, showing opening in back. Fig. 2 is a rear view of the reservoir detached from the stove. Fig. 3 is an end view of the same, and Fig. 4 is a vertical sectional view of reservoir applied to the stove.

This invention has relation to improvements in detachable reservoirs for stoves; and it consists in the novel construction and arrangement of parts, as will be hereinafter more fully set forth, and particularly pointed out in the claim.

Referring by letter to the accompanying drawings, *a* designates a rectangular cook-stove, and *b* the rear wall of the same, provided with a rectangular opening, *c*, into which a removable plate, *d*, is fitted, and held in place by a turn-button, *e*.

f designates the detachable or portable reservoir-case, and *g* the basin of the same.

h is a flange projecting from the front plate of the reservoir-case, and is made rectangular in form, to enter into and fit snugly the rectangular opening *c* in the rear plate of the stove.

i is a damper in the reservoir-case, and *i'* a damper-rod for operating the same, having its bearings in the vertical portions of the flange *h*.

k designates a flue-strip beneath the reservoir-basin.

l l are notches cast in the tops of the end plates of the reservoir, adapted to engage the flange *m* of the top plate of the stove, to hold the reservoir in place; or small hooks *n n* may be cast on the end plates of the reservoir-case, to engage projections *o o* on the stove plate or top.

In operation the reservoir-case, being attached properly to the stove, communicates with the return-flue of the stove. The damper, being turned down across the flue, will cause the draft to be turned under the reservoir-basin and around the flue-strip beneath the basin, thence to the front again into the return-flue, and out up the pipe, thereby effectually heating the water in the basin.

This detachable portable reservoir is practical, simple in construction, cheap, durable, and easy to attach or remove.

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent, is—

The removable reservoir *f*, provided with the basin *g* and flange *h*, extending laterally from the same, furnishing bearings for the damper *i*, which is journaled in the vertical portions thereof, the said damper adapted, when in operation, to engage the outer surface of the inner wall of the stove, the top plate of the reservoir having notches *l* to engage the flange *m* of the stove-top, the whole adapted to be applied to a cook-stove having a rectangular opening in its rear wall, substantially as specified.

In testimony whereof we affix our signatures in presence of two witnesses.

HARVEY L. FISHER.
ANGELL J. HASSELL.

Witnesses:

M. J. STIGER,
J. B. ROBERTS.