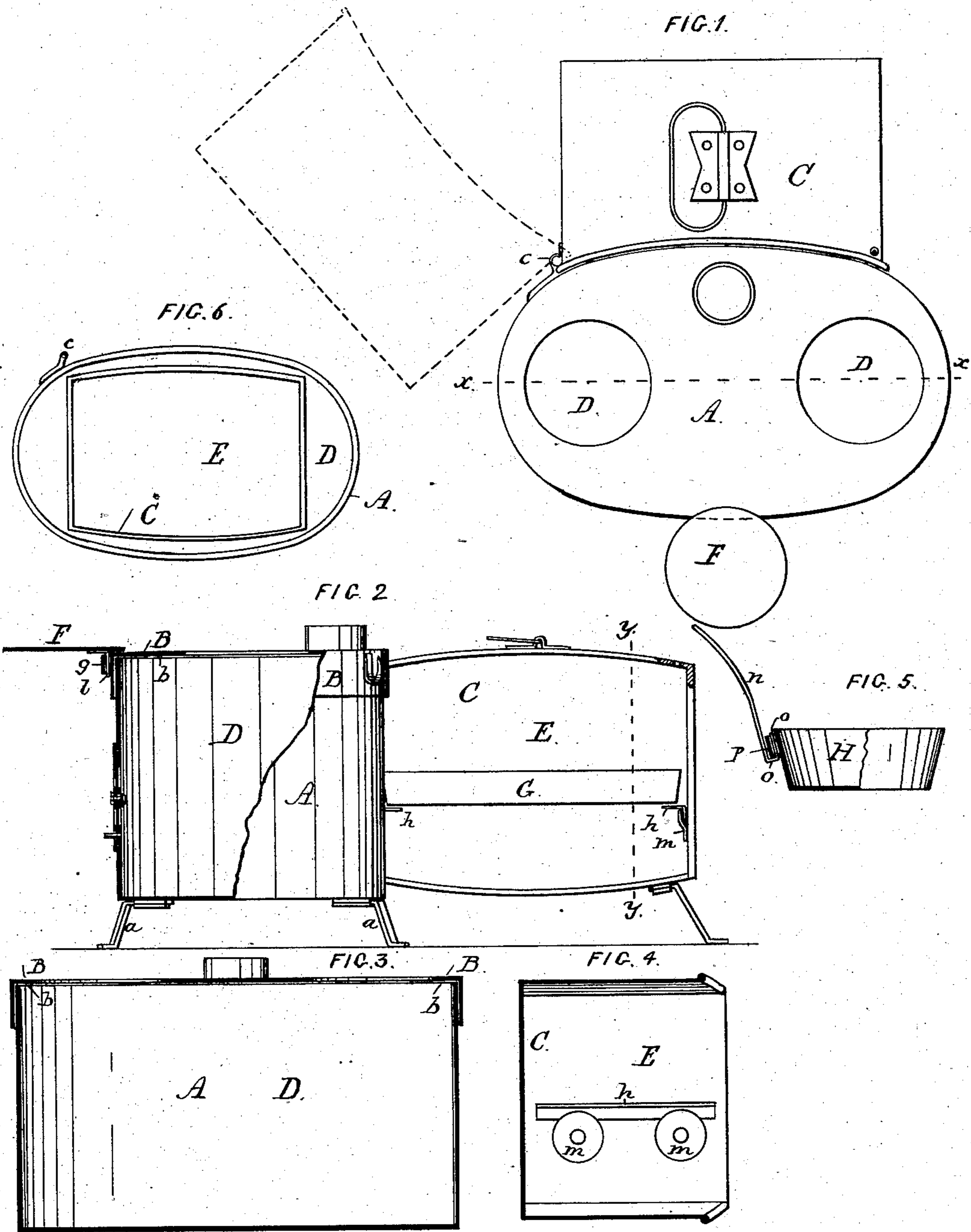


H. L. DUNCKLEE.

Camp-Stove.

No. 164,725.

Patented June 22, 1875.



WITNESSES.

Geo. W. Earl.

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# UNITED STATES PATENT OFFICE

HORACE L. DUNCKLEE, OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN CAMP-STOVES.

Specification forming part of Letters Patent No. **161,725**, dated June 22, 1875; application filed March 31, 1875.

*To all whom it may concern:*

Be it known that I, HORACE L. DUNCKLEE, of Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Camp-Stoves, of which the following is a specification:

This invention relates to camp-stoves, and, more particularly, it is designed for securing increased portability and compactness in packing when not in use, and also for giving additional conveniences and appurtenances to the stove, thereby increasing its efficiency.

The invention consists of a camp-stove having its fire-chamber made as ordinarily, of sheet metal, and provided with a sheet-metal oven-chamber, which is so hinged on the outside of the stove as to be opened and be detached therefrom, and is so shaped as, when removed, to be capable, by removal of the bottom or top of the stove, of being packed away within the fire-chamber of the stove, and when so packed away be in position for stowing away within it, and within the fire-chamber about it, the various cooking utensils—such as a stew or frying pan, water-kettle, funnel, legs, &c., accompanying the stove—and without interfering with the replacing of the top or bottom of the stove, as the case may be, which had been removed for the purpose of placing the oven-chamber in the fire-chamber of the stove. It also consists in the arrangement of the shelf-supports within the oven-chamber for ready attachment and detachment, as may be desired.

In the accompanying plate of drawings, my improvements in camp-stoves are illustrated, Figure 1 being a plan view of the same equipped with its oven-chamber and ready for use; Fig. 2, substantially a vertical section from front to rear of the stove, with an elevation of the interior of oven-chamber, which has been swung open on its hinges; Fig. 3, a vertical section along line *x x*, Fig. 1; Fig. 4, a vertical section along line *y y*, Fig. 2; Fig. 5, a view showing improved fastening of a handle to a sauce or fry pan for convenience of attaching and detaching it. Fig. 6 is a plan view of the stove on a reduced scale from Fig. 1, showing the oven-chamber as

placed in it, and in position for packing away the cooking utensils, &c.

In the drawings, A represents a camp stove, made of sheet metal, as ordinarily, and supported on legs *a*, which are adapted for ready attachment and detachment in the usual way. B, the top plate of the stove. This top plate B sets over the top edge *b* of the stove-chamber, and is capable of ready attachment and detachment. *c*, the oven-chamber. This oven-chamber is made of sheet metal, as ordinarily, and is hung, by hinges *c*, to the rear side of the stove A, so that it can be swung open or closed, as may be necessary. This oven-chamber C is made of the shape shown, and its length and height are such that, being detached from the stove, it can be received within the fire-chamber D of the stove, and, resting on the bottom thereof, have its inside or chamber E exposed for packing away therein and about it within the fire-chamber D the various appurtenances of the stove—such as a stew-pan, kettle, funnel, legs, &c.—the whole then being covered by placing the detachable top plate B of the stove over the top edge *b* of the stove. F, a shelf attached to the front and top edge of the stove by inserting its arm *l* in the strap *g* of the stove. This shelf is convenient for setting a coffee-pot, &c., in the use of the stove, and as applied is free to be attached or removed, as may be desired. *h*, angle-shaped strips, making the support for a shelf or pan, G, in the oven-chamber C. These strips *h* are supported on buttons *m*, fastened to the inside face of oven-chamber, and are free to be removed, so as to leave the oven-chamber the clearer for the stowing away of the cooking and other appurtenances, as before stated. H, a stew or fry pan, and *n* its handle. The handle *n* hooks, by its hook end *o*, into the strap *p* of the pan H, and from the strap it can be readily released when desired to pack the pan away.

It is obvious the stove can be made of cast-iron, or the removable top be made of cast-iron and the rest of sheet metal; but it is preferable to make it all of sheet metal, as it is lighter and easier of transportation; also,

as many of the shelves F can be arranged upon the stove as is desirable.

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

1. The combination, with a camp-stove having a removable top or bottom, of an oven hinged to the exterior of the stove, and constructed to have a swinging motion for removing or detaching it, and adapted to be arranged, after removal, within the said stove, as and for the purpose described.

2. The combination, in a camp-stove provided with the oven C, having the flanges *m*, of the removable flanges *h*, for supporting the shelf or pan G, substantially as described.

The above specification of my invention signed by me this 20th day of March, A. D. 1875.

HORACE L. DUNCKLEE.

Witnesses:

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