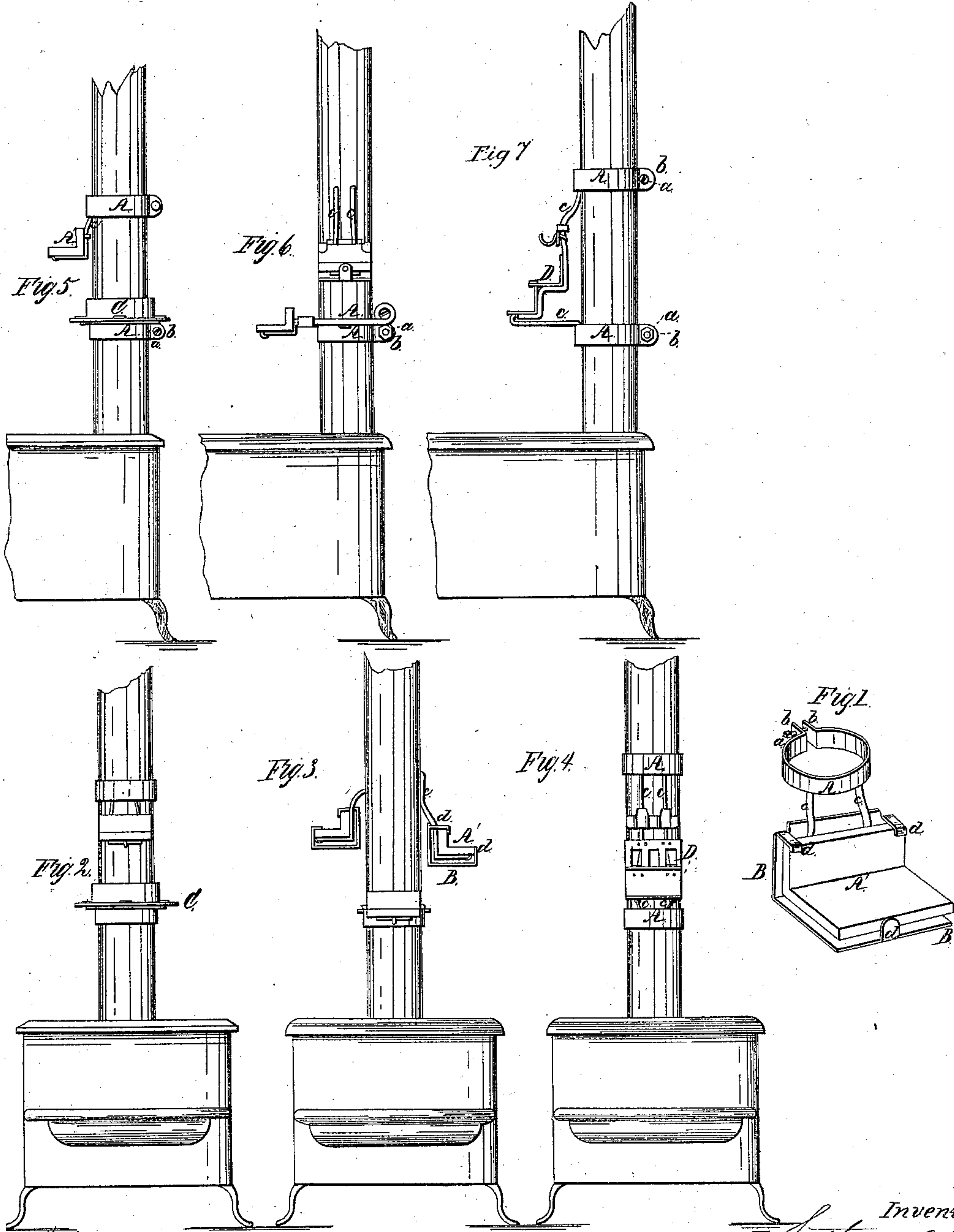


I. Olds

Stovepipe Shelf

Nº 66,516.

Patented July 9, 1867.



Witnesses:
R. H. Campbell.
Edw. Schaefer.

Inventor,
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United States Patent Office.

LUTHER OLDS, OF BATTLE CREEK, MICHIGAN.

Letters Patent No. 66,516, dated July 9, 1867.

STOVE-PIPE SHELF.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, LUTHER OLDS, of Battle Creek, in the county of Calhoun, and State of Michigan, have invented a new and improved Attachment for Stove Pipes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of a shelf which is adapted for being attached to and supported by a stove pipe.

Figures 2, 3, 4, 5, 6, and 7 represent different forms of shelves and supporting-racks applied to stove pipes. Similar letters of reference indicate corresponding parts in the several figures.

The object of this invention is to provide an attachment for stove pipes which shall serve as a convenient support or holder for sad-irons, cover-handles, flat-holders, or any small article which may be required about a stove, and which it is desired to have handy when needed. The invention contemplates the use of a stove pipe as a post or standard for supporting adjustable or permanently fixed shelves or racks, or both, and provides for keeping the articles which are put upon the shelves from becoming too hot, as will be hereinafter described.

To enable others skilled in the art to understand my invention, I will describe several modes of carrying it into effect.

In the accompanying drawings, fig. 1, A represents a circular band, which may be made of thin sheet metal, with its ends turned outward, so as to form ears, *b b*, for receiving through them the clamping-screw *a*. To this ring two small rods or wires, *c c*, are secured in any suitable manner, which are bent outward and downward, and rigidly secured to a wooden shelf, A', having a vertical or right-angular ledge or back, as shown. To the back and bottom of this shelf A' a thin sheet-metal guard-plate, B, is applied, so as to leave an air-circulating space between it and the shelf proper, for the purpose of protecting the latter from injury by the heat of the stove pipe. The guard or fender B may be secured to the shelf A' by means of the lips *d d*, or in any other suitable manner. Instead of using a flat band of sheet metal for encompassing the stove pipe, and attaching the shelf thereto, a wire or round-rod ring or band, with clamping-screw, as shown in fig. 6, may be employed, either alone or in conjunction with a band, A. The object of using wood as a material of which to make the shelves is to prevent articles put upon the shelves from becoming too hot. The wood being a poor conductor of heat, will not transfer its heat to articles upon it as readily as metal, and by having the sheet-metal guard or fender B interposed between the stove pipe and the wooden shelf, this latter will be protected from injury. In some cases, where an economy of space is not an object, the shelves may be arranged so far from the stove pipe as not to be under the influence of any considerable degree of heat. Under these circumstances wooden shelves may be dispensed with, and the metal shelves C and D employed in their stead, as shown in figs. 2, 4, 5, and 7. The shelf C is a circular ring, secured in a suitable manner to a band, A, so that by loosening the screw *a*, which is applied to this band, the ring or shelf can be adjusted higher or lower, as may be required. The shelf D is stepped, and sustained by means of rods that are secured to its upper and lower ends, and that are slipped between the stove pipe and the bands A A, as shown in figs. 4 and 7. These stepped shelves may be slatted like a grating, so as to allow air to circulate freely through them. If desirable, the shelves may be made of wire-netting, or gauze properly strengthened, or, as in the case of stepped shelves, they may be made of wood and metal combined, or they may be made wholly of wood. Where it is not desired to have the shelves adjustable they may be secured permanently to a stove pipe by hooking their wire-rod supports into the joints of the pipe, or rigidly attaching the rods to the pipe in any other suitable manner. This mode of attaching the shelves permanently to a stove pipe is represented in fig. 3. I prefer to attach the shelves to a gripping band or ring, A, so that they can be moved up or down, or turned around to either side of the pipe, at pleasure. But I do not confine myself to the use of such band or ring; nor do I confine my invention to any particular form or material in the construction of the shelves to be supported by a stove pipe.

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

A portable shelf, which is adapted for being secured to and sustained by a stove pipe, substantially in the manner and for the purpose described.

LUTHER OLDS.

Witnesses:

A. LAFEVER,
C. F. DECKER.