

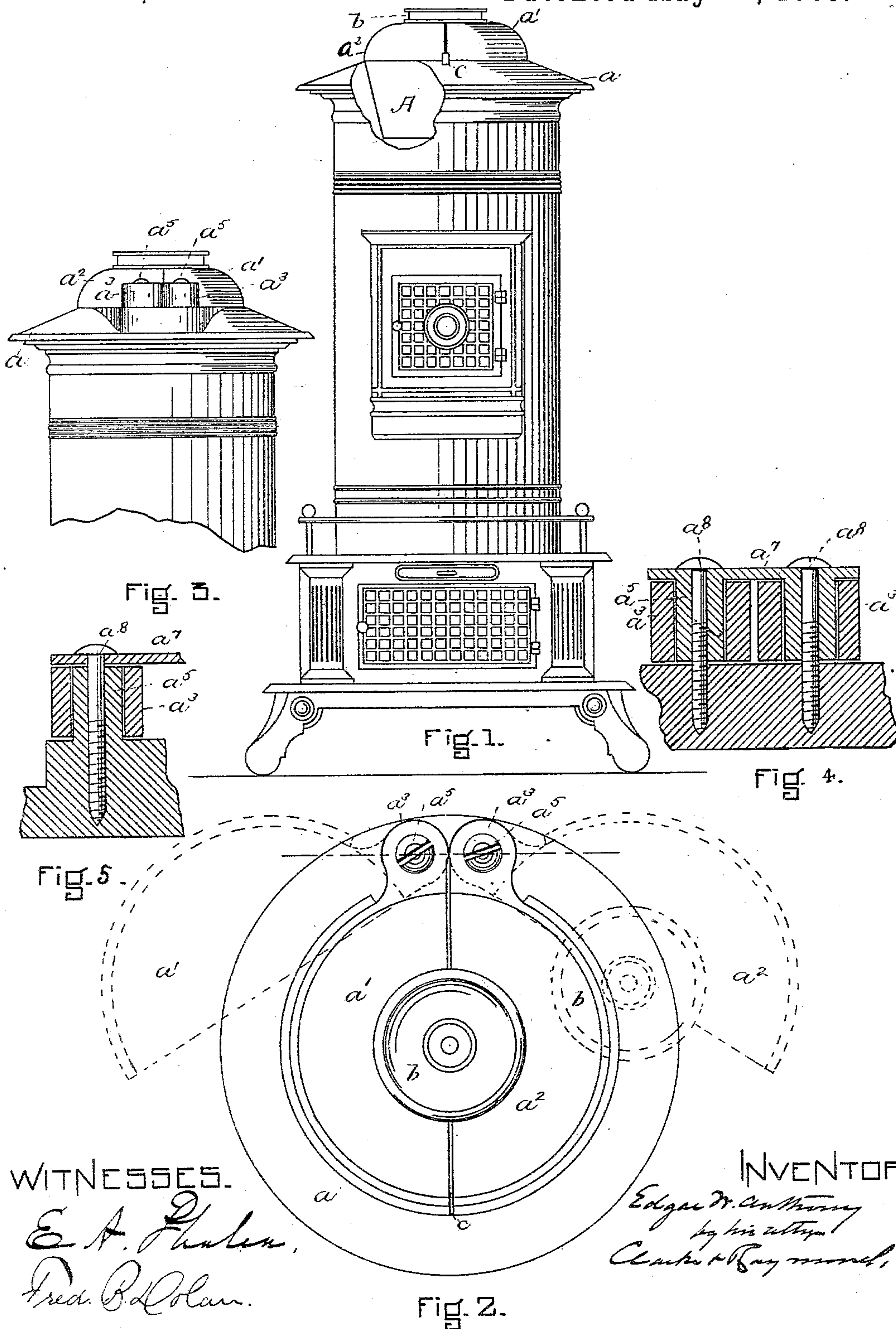
(No Model.)

E. W. ANTHONY.

HEATING STOVE.

No. 318,847.

Patented May 26, 1885.



WITNESSES.

E. A. Parker.
Fred. B. Colver.

INVENTOR.

Edgar W. Anthony
by his attorney
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Fig. 2.

UNITED STATES PATENT OFFICE.

EDGAR W. ANTHONY, OF BOSTON, MASSACHUSETTS.

HEATING-STOVE.

SPECIFICATION forming part of Letters Patent No. 318,847, dated May 26, 1885.

Application filed March 15, 1884. (No model.)

To all whom it may concern:

Be it known that I, EDGAR W. ANTHONY, of Boston, in the county of Suffolk and State of Massachusetts, a citizen of the United States, have invented a new and useful Improvement in Heating-Stoves, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification in explaining its nature, in which—

Figure 1 is an elevation of a stove having my invention. Fig. 2 is a plan view thereof, enlarged. Fig. 3 is a rear elevation of the upper part of the stove; and Figs. 4 and 5 are detail views, hereinafter referred to.

The invention is an improvement upon that described in my application for Letters Patent filed May 7, 1883, and relates, especially, to an oven or magazine cover for heating-stoves. In said application I have described a cover which is made in two parts, separately pivoted to the top plate of the stove, movable in relation to each other in such a way that the movement of one compels the movement of the other. In this invention I dispense with the use of the connecting-gears, so that each part of the cover may be moved independently of the other, and consequently the entire opening may be exposed by the movement of both parts, or a half only by the movement of one part.

Referring to the drawings, A represents an oven in a heating-stove. a is the top plate of the stove, which surrounds the upper portion of the stove outside the oven area or space. a' is one section of the movable cover. a'' is the other section of the movable cover. They each have the extension a^3 , in which are formed the holes a^4 , which fit the posts a^5 , (see Fig. 6,) extending upward from the top plate of the stove, or the screws a^6 . (See Fig. 4.)

In order to hold the sections well when they are moved off the top plate, it is desirable that quite a long bearing be given upon the posts. I have therefore shown the arms a^3 in Fig. 6 made thick, to provide this bearing. A plate, a^7 , covers the arms, and is fastened by the bolts a^8 to the posts a^5 , so that the covers are securely fastened to the top plate. I prefer to make the sections of the cover dome-

shaped, as shown in the drawings, in order to obtain increased oven-space above the top plate of the stove, and also to form upon one the projection b , which extends over the other or over an opening formed therein, and which forms the base or support for an urn or flat tile or plate, or any other ornamental device which may be used.

To prevent the two sections of the oven from moving laterally together I have formed upon the top plate, a , a stop, c , against which the two sections come in contact when closed.

It will be seen that as the two parts of the cover are not connected with each other, one or both may be moved into any desired position. It will also be seen that by making the cover in this way, and not connecting it, I get certain advantages of the cover described in my said application, in addition to the special advantages herein set forth.

It will be observed that the posts a^5 are made integral with the top plate or rim of the stove—that is, they are cast with it—and they furnish bearings for the covers, the extensions a^3 of which each have a hole large enough to contain or receive the post. Each post also has a hole, through which the plate screw or bolt extends.

In lieu of the construction shown in Fig. 6, the posts a^5 may be cast with the upper plate, a' , as represented in Fig. 5.

I am aware of Patent No. 122,293, granted James Wager, dated December 26, 1871, for improvement in heating-stoves, which describes an oven-cover made in one piece, adapted to be swung horizontally to uncover the oven-opening, and having two pot-holes, each of which has a separate cover pivoted to the main cover of the stove; but I consider that the same does not embrace the essential features of my invention.

In the application filed May 7, 1883, Serial No. 94,233, I have shown and described an oven-cover made in two parts, and have broadly claimed the same; and I therefore do not herein claim, broadly, the said double oven-cover, but only, specifically, the construction above described.

Having thus fully described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The combination, in a heating-stove, of the oven A, the top plate, *a*, the two-part cover *a'* *a*², which entirely covers the oven-opening when closed, each of which parts is
5 independently pivoted to its post or support attached to the top plate of the stove, and the stop *c*, all substantially as and for the purposes described.

2. In a heating-stove, the combination of the oven A, the top plate, *a*, having the posts 10 *a*³, and the cover-sections *a'* *a*², pivoted to said posts and independently movable thereon, all substantially as and for the purposes described.

EDGAR W. ANTHONY.

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