

(No Model.)

A. DILLENBECK & W. S. CLUTE.
STOVE LID.

No. 534,034.

Patented Feb. 12, 1895.

Fig. 1.

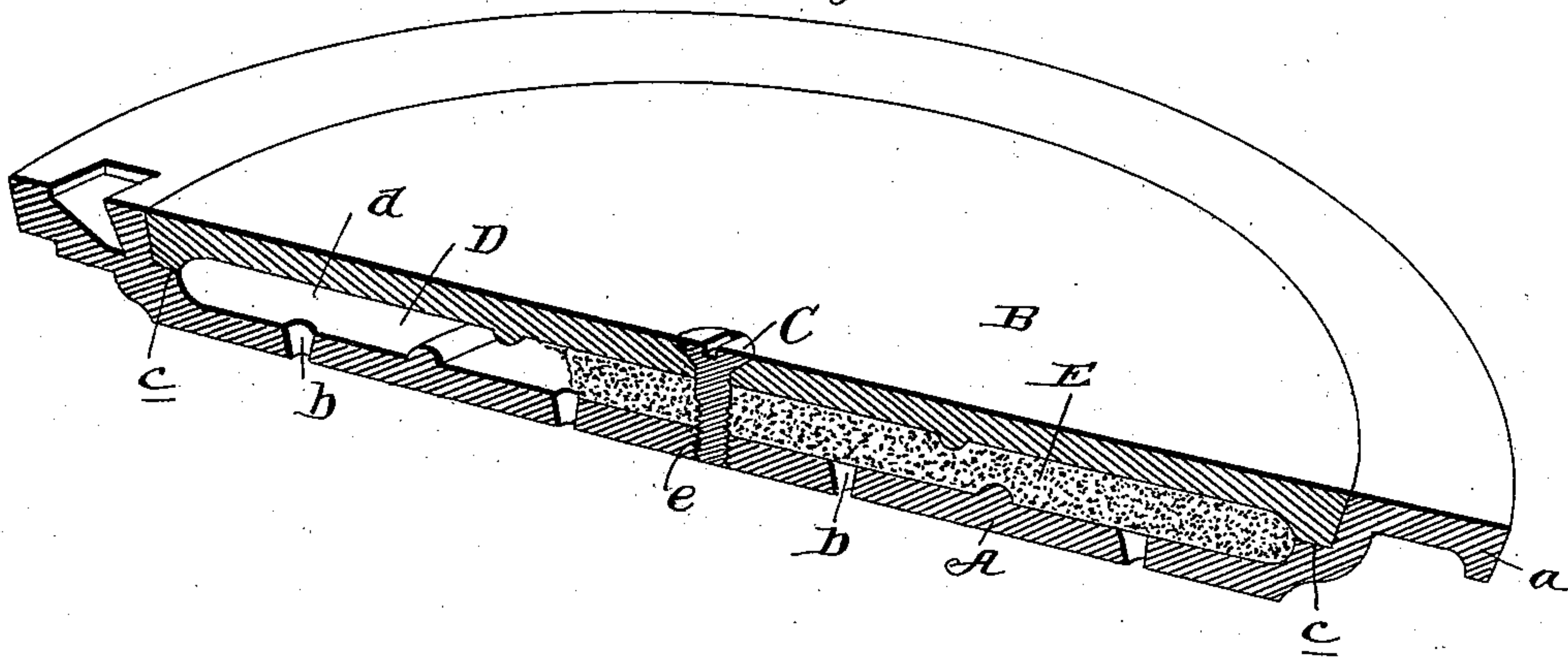
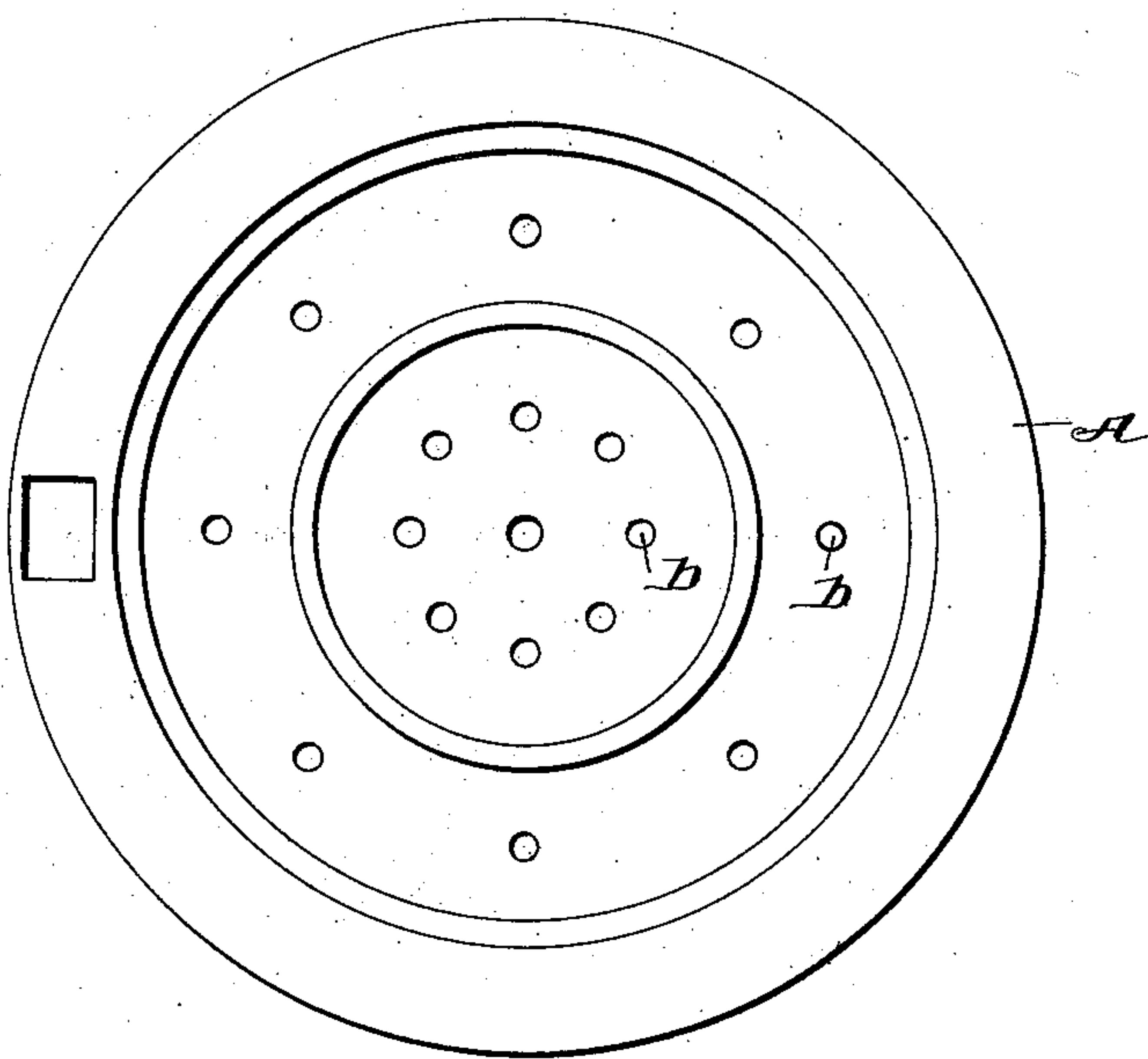


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

ADAM DILLENBECK AND WALTER S. CLUTE, OF SCHENECTADY, NEW YORK.

STOVE-LID.

SPECIFICATION forming part of Letters Patent No. 534,034, dated February 12, 1895.

Application filed November 13, 1894. Serial No. 528,669. (No model.)

To all whom it may concern:

Be it known that we, ADAM DILLENBECK and WALTER S. CLUTE, citizens of the United States, residing at Schenectady, in the county of Schenectady and State of New York, have invented certain new and useful Improvements in Stove-Lids; 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.

Our invention relates to improvements in that class of stove lids or similar articles which are constructed with a view of enabling them to withstand intense heat and to prevent burning of any article of food cooked upon them; and its novelty will be fully understood from the following description and claim when taken in connection with the annexed drawings, in which—

Figure 1, is a view, partly in section and partly in perspective, of a stove lid embodying our invention, and Fig. 2, is a reduced, detail plan view of the lower section of the lid.

Referring by letter to the said drawings—A, indicates the lower section of our improved lid which is provided as shown in Figs. 1, and 2, with the usual depression to receive a lifter. This section A, is preferably of a circular form and is dished as shown; and it is provided at its upper edge with the flange *a*, designed to engage a stove top around the hole therein, and is also provided in its bottom with a plurality of apertures *b*, which are designed and adapted to facilitate the passage of heat to the upper section presently described. The said lower section A, is furthermore provided in its inside, at about the proportional distance illustrated from its upper side, with a ledge or shoulder *c*, and on this ledge or shoulder, the upper section B, is designed to rest so that its upper side will rest flush with that of the lower section. Said upper section B, is preferably of a general circular form in conformity to the lower section and preferably has its under side recessed as indicated by *d*; and it is detachably connected with said lower section by the threaded bolt C, which takes through a central aperture in

the section B, and into a central threaded aperture *e*, in the lower section A, as illustrated.

When the sections A, B, are connected together as shown in Fig. 1, of the drawings, it will be seen that a space D, will be formed between them. This space D, we fill with a compound E, composed of equal parts of asbestos and plaster of paris. This compound will effectually prevent cracking and warping of the lid and burning of any article cooked upon it, and in order to hold it in place, we provide the lower and upper sections A, B, with circular ribs as better shown in Fig. 1.

It will be seen from the foregoing that a stove lid constructed in accordance with our invention and having the filling compound E, is enabled to resist the most intense heat and prevent the same from burning articles of food cooked upon it. It will also be seen that inasmuch as the sections A, B, may be cast metal, such a lid may be made almost as cheaply as those at present in use.

While we have described our invention as applied to a stove lid, yet we desire it understood that the invention may be applied to griddles, frying-pans and other cooking utensils which in use are subjected to an intense heat.

Having described our invention, what we claim is—

As an improved article of manufacture the device described comprising the lower dished section having the apertures *b*, in its bottom and also having circular ribs on its inner or upper side, the upper section B, having circular ribs on its inner or lower side, means for connecting the sections together, and the plastic filling compound E, placed in the space between the said sections A, B, substantially as and for the purpose set forth.

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

ADAM DILLENBECK.
WALTER S. CLUTE.

Witnesses:

JAMES A. VAN VOAST,
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