

E. DELONG.
Steam and Fume Box.

No. 201,168.

Patented March 12, 1878.

Fig. 1

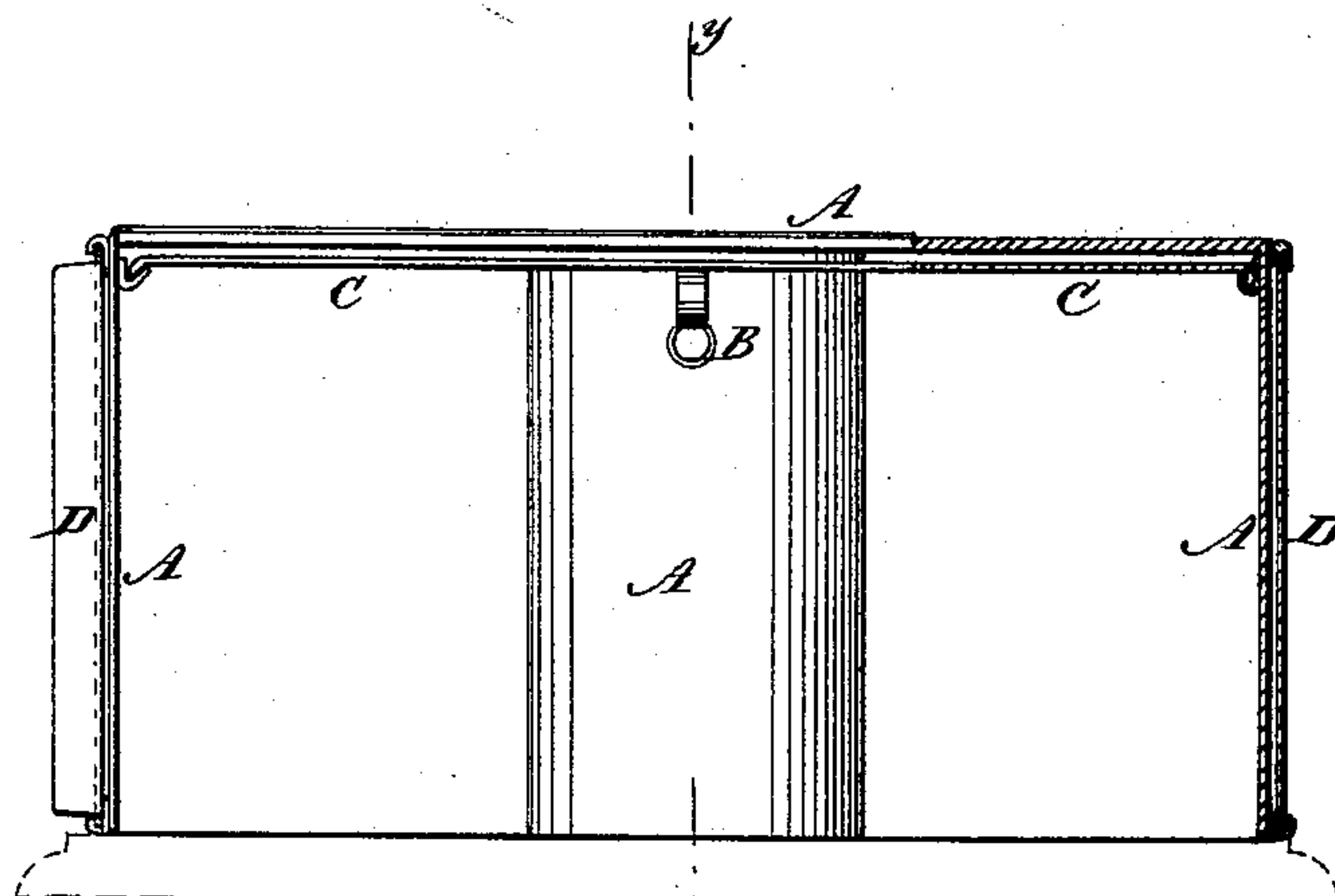
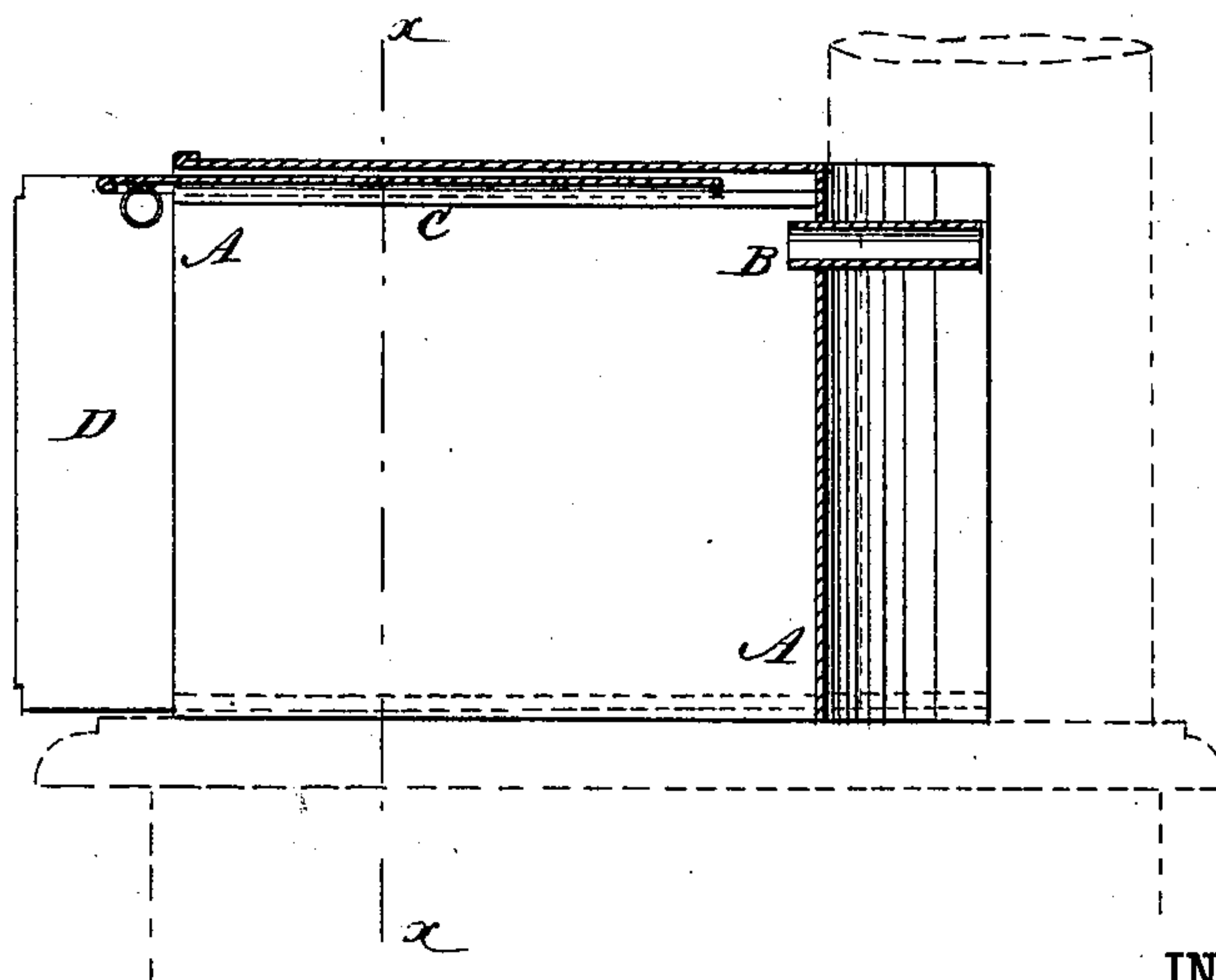


Fig. 2



WITNESSES:

C. Nereux
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UNITED STATES PATENT OFFICE.

ELIZABETH DELONG, OF STONE CHURCH, PENNSYLVANIA.

IMPROVEMENT IN STEAM AND FUME BOXES.

Specification forming part of Letters Patent No. **201,168**, dated March 12, 1878; application filed January 8, 1878.

To all whom it may concern:

Be it known that I, ELIZABETH DELONG, of Stone Church, county of Northampton, and State of Pennsylvania, have invented a new and Improved Steam or Fume Box, of which the following is a specification:

Figure 1 is a front view of my improved device, partly in section, through the line *x x*, Fig. 2. Fig. 2 is a longitudinal section of the same, taken through the line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved box to be placed upon the top of a stove to collect the steam from cooking-vessels while cooking food, and keeping it warm after it has been cooked, to prevent the steam and odors from spreading through the house, and which shall be simple in construction, easily applied to and detached from the stove, and conveniently kept clean.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

A is a box, made of such a size as to rest and fit upon the back part of the top of a cooking-stove. The box A is made open at the bottom and front, and has a semi-tubular cavity formed in its rear side to receive and fit upon the stove-pipe.

From the upper rear part of the box A a small tube, B, projects, to enter a small hole formed in the stove-pipe to receive it, so that all the steam and odors arising from the food while being cooked, and after it has been

cooked, may be drawn into the stove-pipe by the draft through it.

To give more convenient access to the front of the stove, the box A is provided with a sliding door or extension, C, upon the top, and with sliding or swinging doors or extensions D at the sides, which may be readily pushed back out of the way when desired.

If desired, the front of the box A may be provided with doors; but usually this will not be necessary.

I am aware that it is not broadly new to use a heating attachment adapted to receive its heat from the top of the stove or the ovens, and the fumes from the cooking-vessels, and having pipes that connect with the smoke-flue; also, with a drawer that fits over the front of the stove-top; also, with the escape-flue at the upper rear part of the box, but mine is entered from the sides of the box by means of slides or doors, which can be readily pushed back out of the way; also, the top slide projects so as to admit of shifting pans or their contents while frying or baking, and is easily adjusted to the stove, or removed in order to clean it.

What I claim as new is—

The box A, adapted to fit on the top of a cooking-stove, and having the slides C D at the top and sides, for the purpose specified.

ELIZABETH DELONG.

Witnesses:

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