

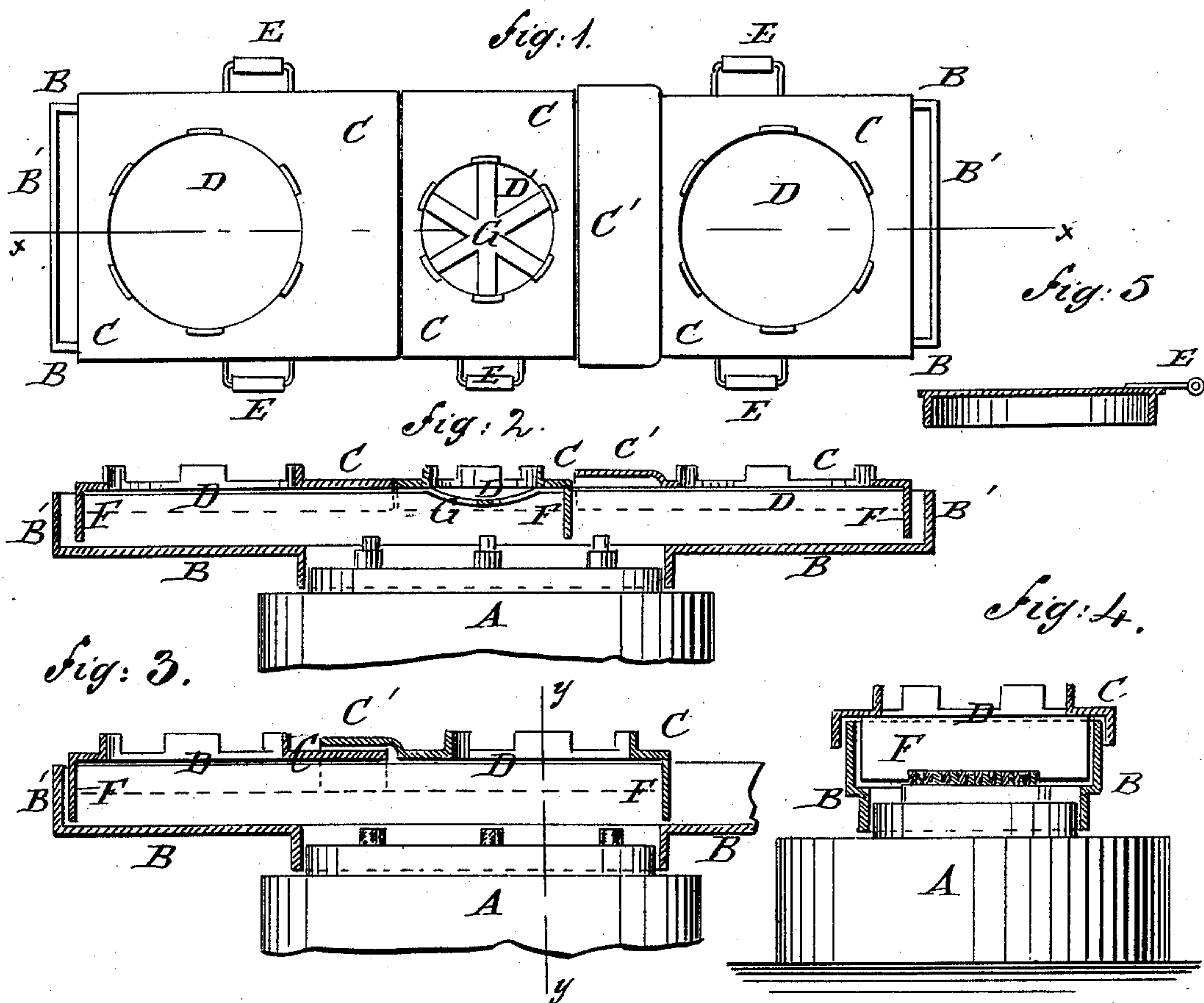
(No Model.)

2 Sheets—Sheet 1.

W. H. NOYES.
STOVE TOP AND COVER.

No. 278,170.

Patented May 22, 1883.



WITNESSES:

Chas. Nida
W. Sedgwick

INVENTOR:

W. H. Noyes

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ATTORNEYS.

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Fig. 6.

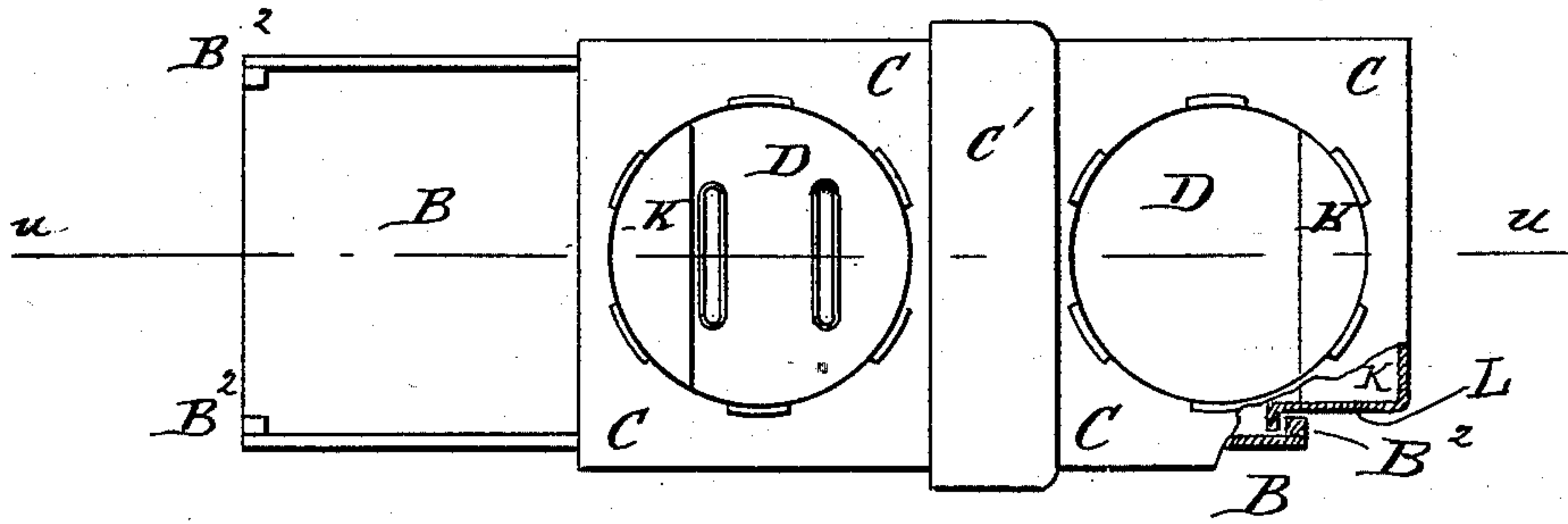
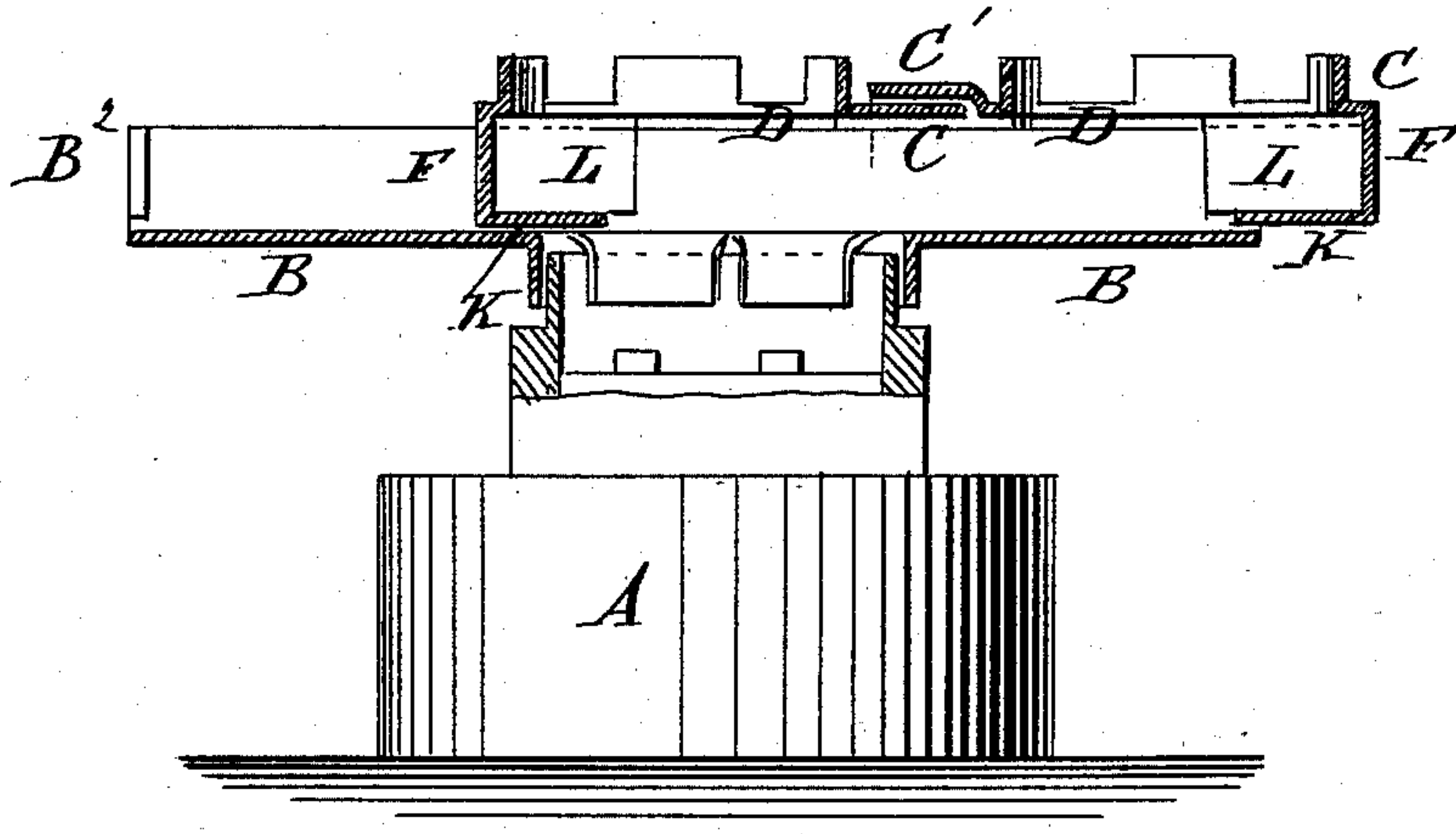


Fig. 7.



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UNITED STATES PATENT OFFICE.

WILLIAM HENRY NOYES, OF NEWBURYPORT, MASSACHUSETTS.

STOVE TOP AND COVER.

SPECIFICATION forming part of Letters Patent No. 278,170, dated May 22, 1883.

Application filed September 23, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. NOYES, of Newburyport, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Stove Tops and Covers, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1, Sheet 1, is a plan view of my improvement. Fig. 2, Sheet 1, is a sectional side elevation of the same, taken through the line *xx*, Fig. 1, and shown as applied to a three-burner kerosene-oil stove. Fig. 3, Sheet 1, is a part of the section shown in Fig. 2, but showing another arrangement of the covers. Fig. 4, Sheet 1, is a sectional end elevation of the same, taken through the line *yy*, Fig. 3. Fig. 5, Sheet 1, is a sectional elevation of a close cover for the boiler-holes. Fig. 6 is a plan view, and Fig. 7 a sectional side elevation, showing the flanges that prevent the escape of heated air.

The object of this invention is to promote convenience and efficiency in the use of stoves for culinary and other household purposes.

I will describe my improvement as applied to kerosene-oil stoves, but do not limit myself to that application, as it can be used with advantage with gas-stoves, coal-stoves, and various other kinds of stoves.

A represents an ordinary kerosene-oil stove, which may be a three-burner stove, as shown in Figs. 2 and 3.

B is the top of the stove, which is fitted upon and secured to the stove A, with its ends projecting beyond the said stove A or beyond its combustion-chamber, as shown in Figs. 2 and 3. The top B is made open at its upper side and with closed ends B', as shown in Figs. 1, 2, and 3.

C are the covers, which are made to slide upon the top B or in rabbets formed in the said top. Each of the covers C is provided with a boiler-hole, D, which can be made of any desired size, and with one or more handles, E, made of wood or of some other suitable material not a conductor of heat, and connected with the said cover by wires or other

suitable material. Each of the covers C is provided at one end with a downwardly-projecting flange, F, fitting into the interior of the stove-top B, so as to serve as a stop or cut-off to limit the passage of heated air toward the end of the said top. One or more of the covers C has an enlarged part, C', at one end, which slides over the end of the adjacent cover C, so that the boiler-holes D of the covers may be adjusted wider apart or closer together, as may be required. One or more of the covers C may be made smaller than the others, and may be provided with a smaller boiler-hole, D', as shown in Figs. 1 and 2. One or more of the covers C can be provided with slightly-concaved cross-bars or a grate, G, across its boiler-hole D, as shown in Figs. 1 and 2, so that a tea-pot or other small vessel can be readily heated. With this construction the covers C can be adjusted so as to bring any particular cover directly over or at any desired distance from the center of heat, so that the cooking or other heating operation may be readily controlled. With this construction a cover and the vessel carried by it can be slid along the stove-top without its being necessary to lift the said vessel or cover. The covers C around the boiler-holes D are provided with upwardly-projecting lugs, for the vessels placed over the said boiler-holes to rest upon, so that the said vessels will not prevent the escape of heated air and the products of combustion through the said boiler-holes. The covers C have at their outer ends return-plates K, formed upon the lower edges of the downwardly-projecting end flanges, F, connected at their ends with the flanges L, formed upon side edges of the outer ends of the covers. The object of these flanges is to prevent the escape of hot air at the end of the stove-top.

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

1. The combination of two or more sliding covers, C, having each an enlarged part, C', and a single hole, D, whereby the distance between the holes may be varied, and for the purpose specified.

2. The combination, with the separable sliding cover C, of the inwardly-projecting flange K and the corresponding side flanges, L, sub-

stantially as herein shown and described, whereby the heated air is prevented from escaping at the end of the stove-top should the end of the cover project beyond the said stove-
5 top, as set forth.

3. The combination, with the separable sliding covers C, of the raised part C', substantially as herein shown and described, whereby

the said part can be slid over the end of an adjacent cover to bring the boiler-holes closer together, as set forth.

WILLIAM HENRY NOYES.

Witnesses:

AMOS HORN GEARY,
NATHANIEL PIERCE.