

(No Model.)

2 Sheets—Sheet 1.

A. VELGUTH.

OIL STOVE.

No. 278,063.

Patented May 22, 1883.

Fig. 1.

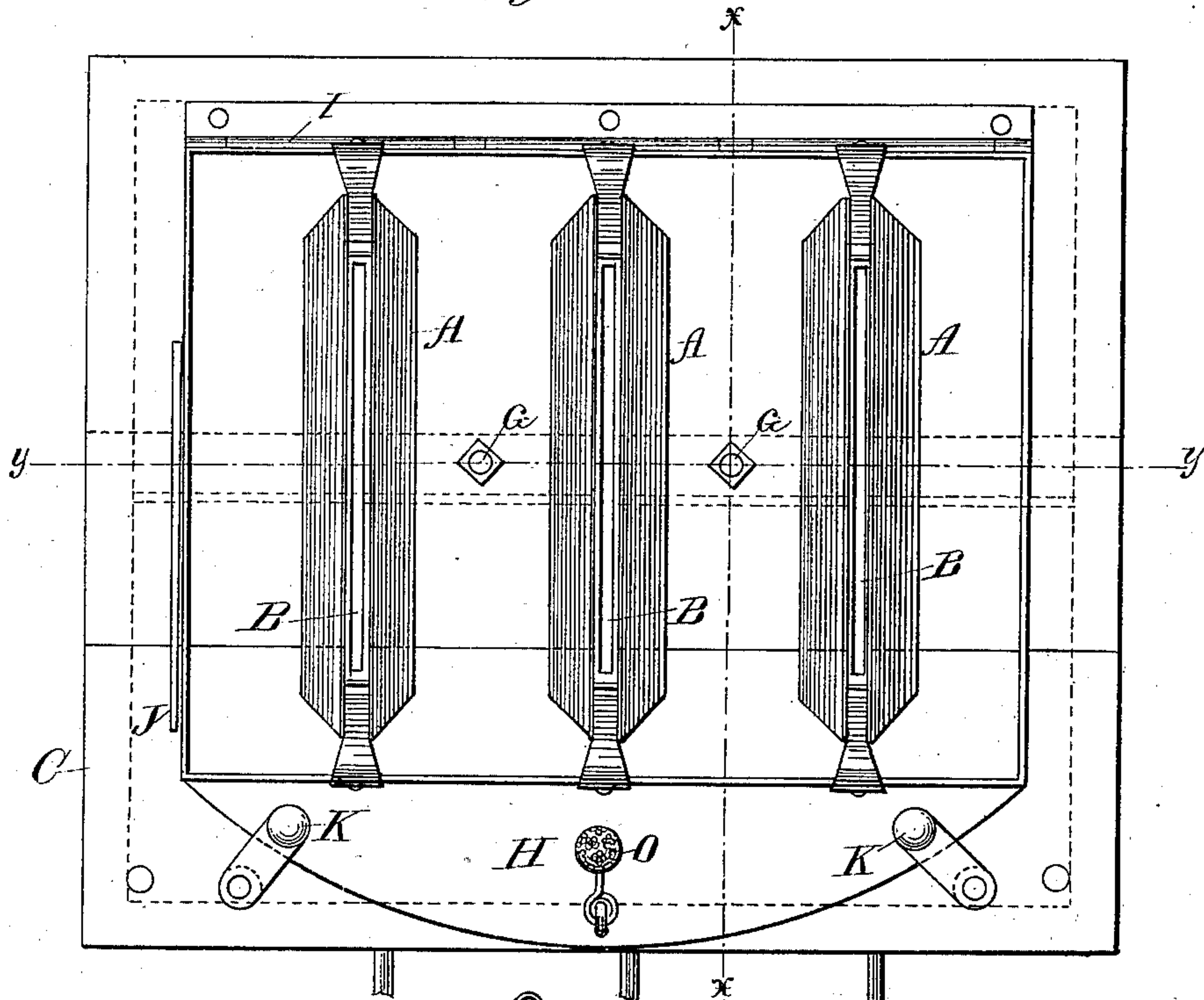
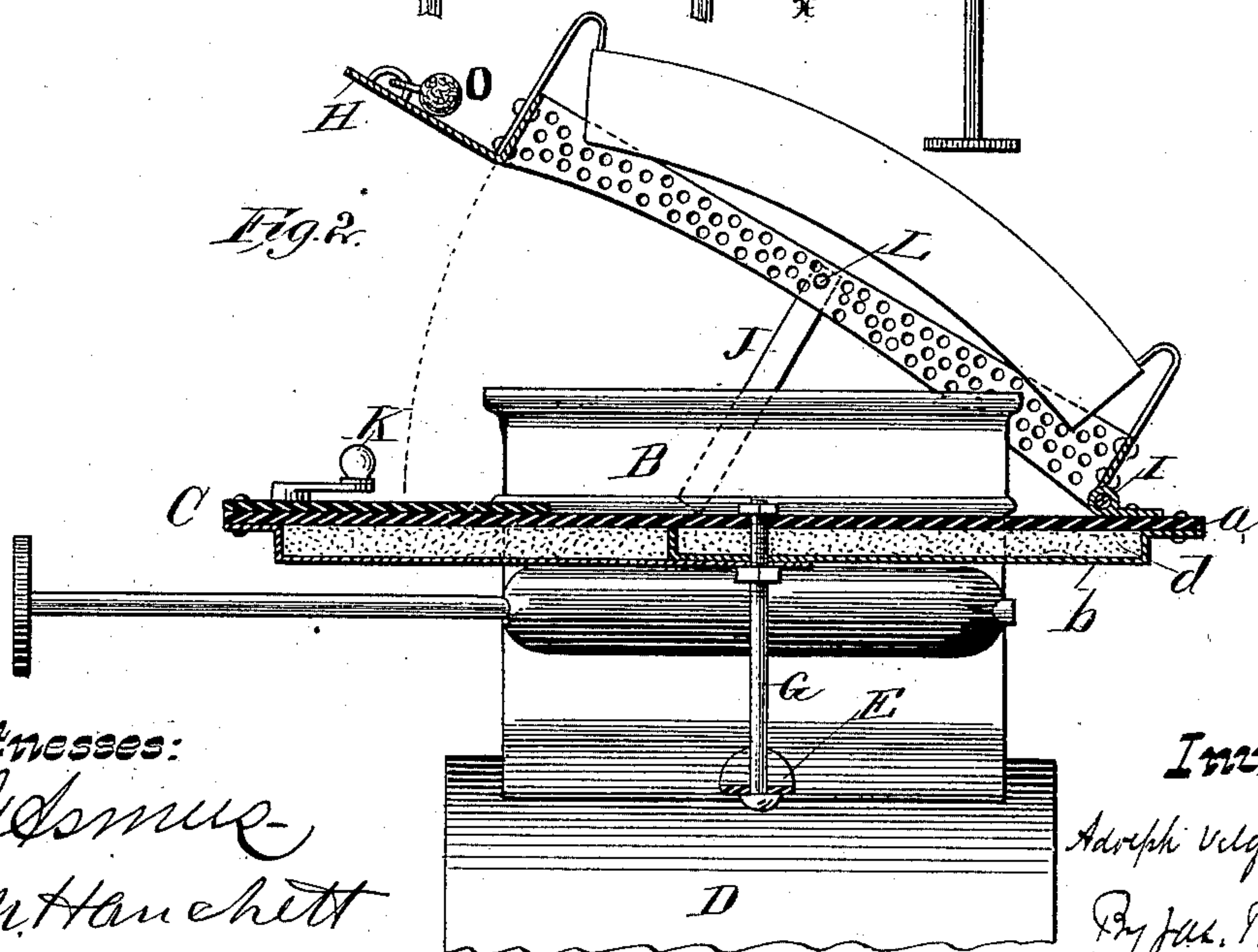


Fig. 2.



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(No Model.)

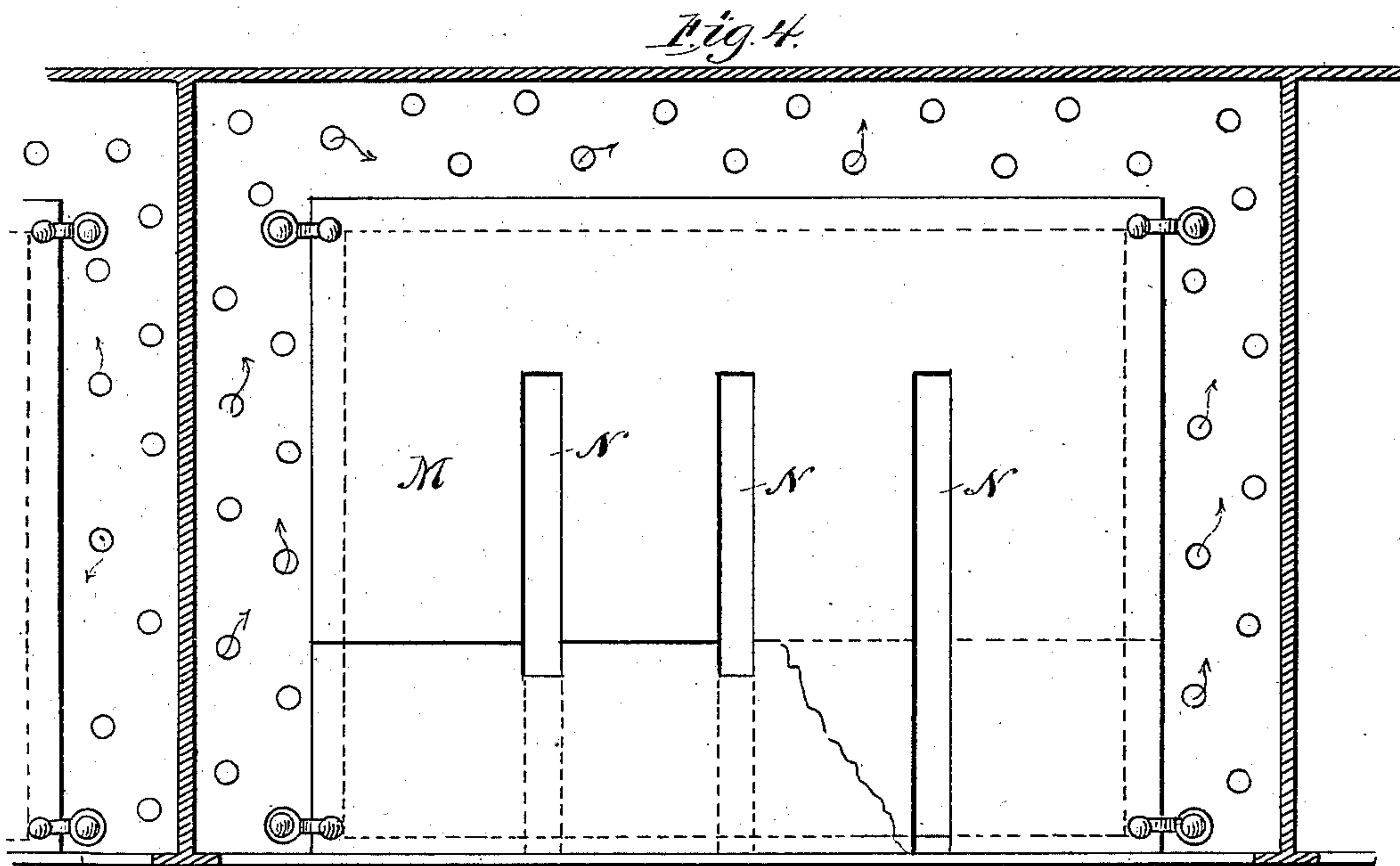
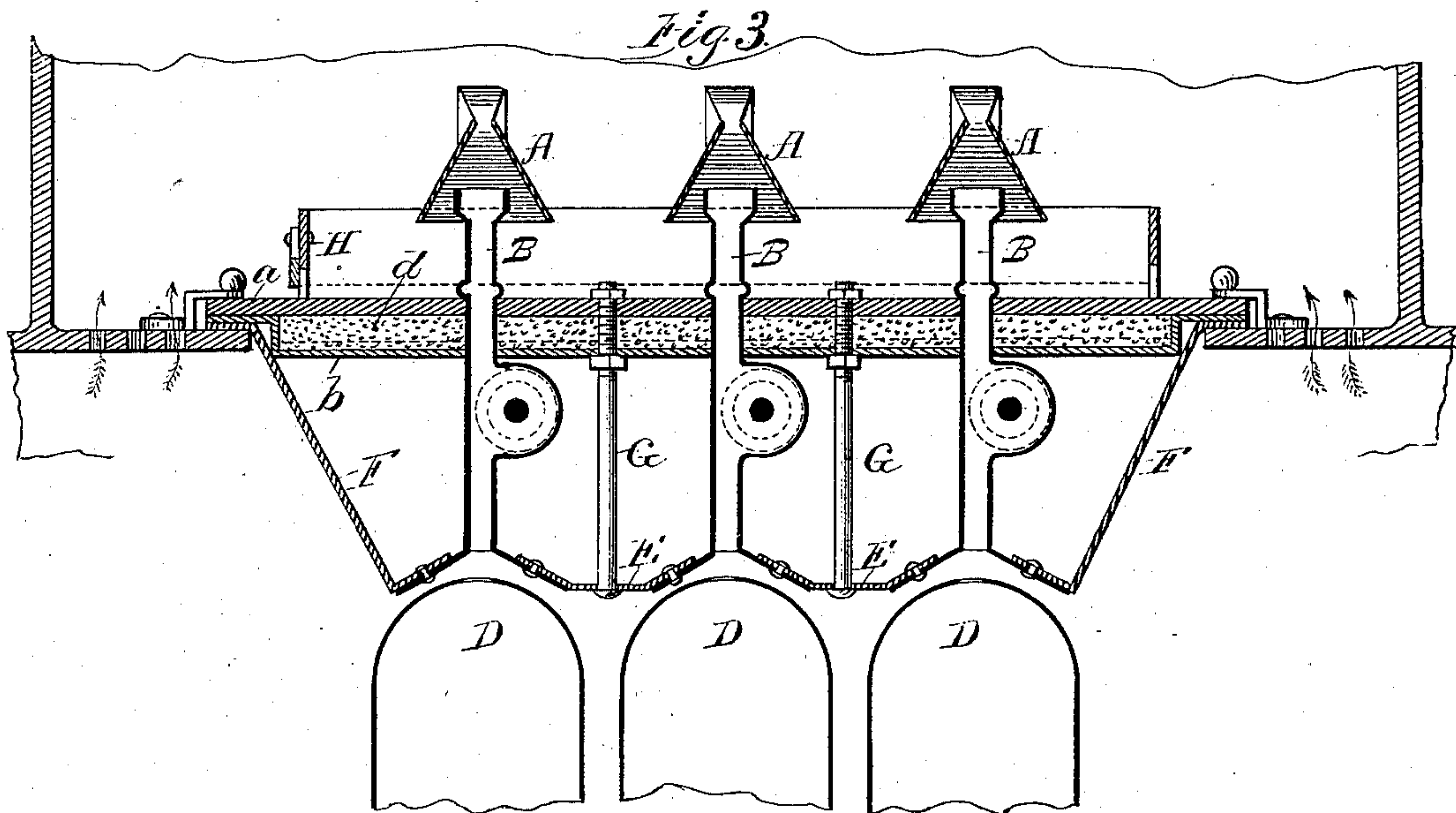
2 Sheets—Sheet 2.

A. VELGUTH.

OIL STOVE.

No. 278,063.

Patented May 22, 1883.



Witnesses:

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UNITED STATES PATENT OFFICE.

ADOLPH VELGUTH, OF MILWAUKEE, WISCONSIN.

OIL-STOVE.

SPECIFICATION forming part of Letters Patent No. 278,063, dated May 22, 1883.

Application filed September 21, 1882. (No model.)

To all whom it may concern:

Be it known that I, ADOLPH VELGUTH, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Oil-Stoves; and I do hereby 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in oil-stoves, and is further explained by reference to the accompanying drawings, in which—

Figure 1 represents a top view. Fig. 2 is a section on line *x x*, and Fig. 3 a section on line *y y* of Fig. 1. Fig. 4 is a detail.

Like parts are represented by the same reference-letters in the several views.

A A A are burner-caps. B B B are wick-tubes. C is the supporting platform or shield. D D D are the oil-reservoirs. The platform C, with the parts connected therewith, consisting of the wick-tubes, burners, &c., are supported above and free from contact with the reservoir D D D by the walls of the combustion-chamber of the stove, upon which the corners or margin of the shield is adapted to rest, whereby the heat from the burner-caps is prevented from being transmitted to the oil in said reservoir. The platform C is formed of two sheets of metal, *a* and *b*, between which a packing, *d*, is interposed, to prevent the transmission of heat. The packing *d* may be formed of plaster-of-paris or other poor heat-conducting substance. The lower ends of the wick-tubes are respectively connected together by the metal plates E, and to the shield by the plates F and bolts G, as shown in Figs. 2 and 3. The burner-caps A are all connected together by the cover H, and may all be simul-

taneously thrown back upon the hinge I, as shown in Fig. 2. When it is desired to trim the wicks or clean the caps, J is a brace for supporting the cover H when thrown up in an inclined position, as shown in Fig. 2.

K K are buttons for securing the cover H in a closed position. The brace J is pivoted to the cover by pin L, so that the brace may be brought into a horizontal position when the cover is closed.

M is a metallic slide, (shown in Fig. 4,) provided with open slots N N N, which correspond in width to the wick-tubes, to which they are closely fitted. This slide is adapted to be slid over the shield when it covers up the ends of the bolts and joints around the wick tubes, the tubes passing into the slots N as the slide is moved in place.

O is a knob or handle by which the cover H is raised.

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

1. The combination and arrangement with the reservoirs D, of tubes B, shield C, said shield and tubes being rigidly connected together by bolts G, and plates E and F, cover H, and burner-caps A, said cover and caps being rigidly connected together and secured to said shield by hinge I, said shield C, tubes B, burner-caps A, and the connecting parts being supported above and free from contact with said reservoirs D, substantially as and for the purpose specified.

2. The combination, with the shield C, of the metallic slide M, provided with slots N, substantially as and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

ADOLPH VELGUTH.

Witnesses:

JAS. B. ERWIN,
W. SINNOTT.