

(No Model.)

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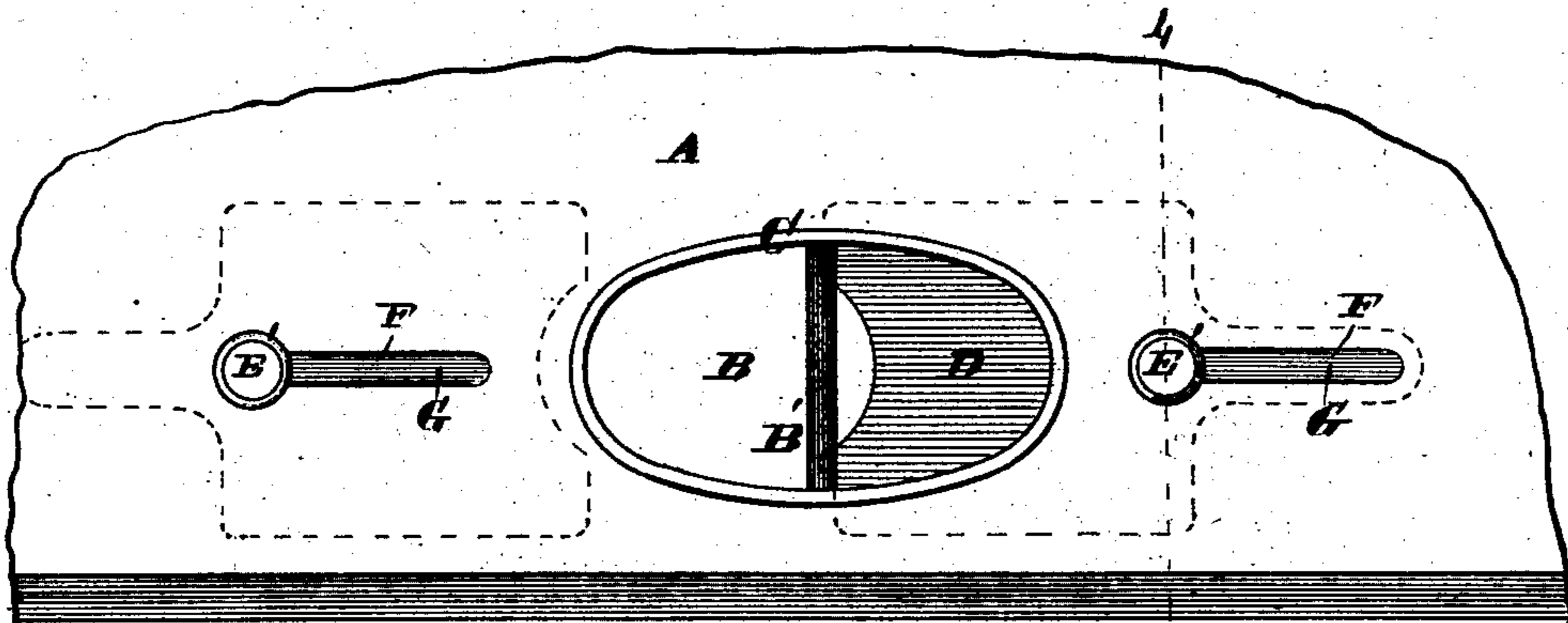
L. L. CULVER.

RANGE AND STOVE.

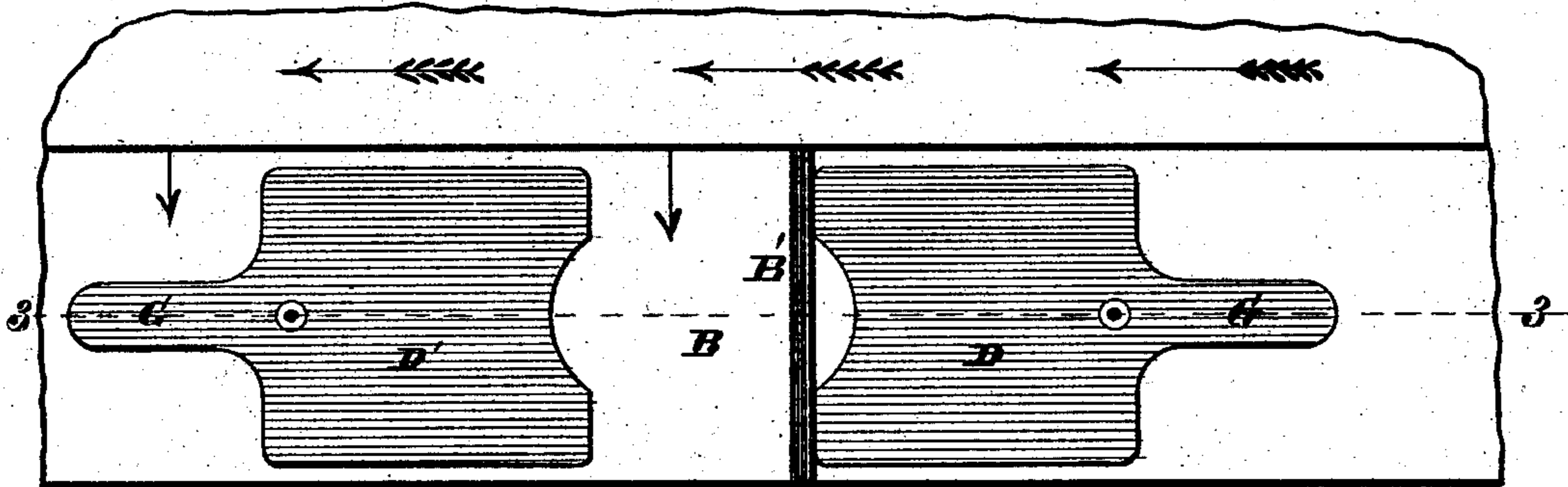
No. 289,988.

Patented Dec. 11, 1883.

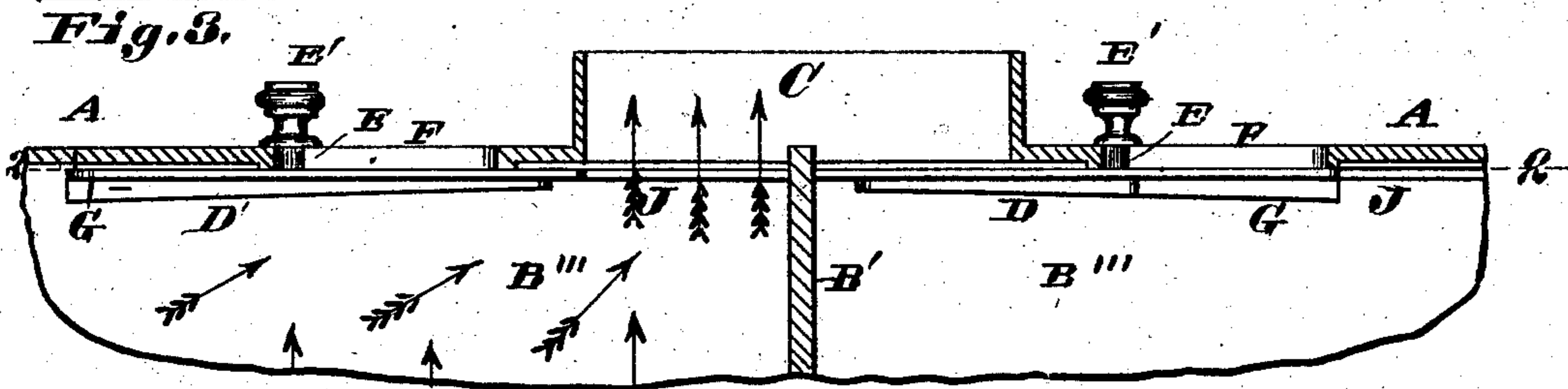
*Fig. 1.*



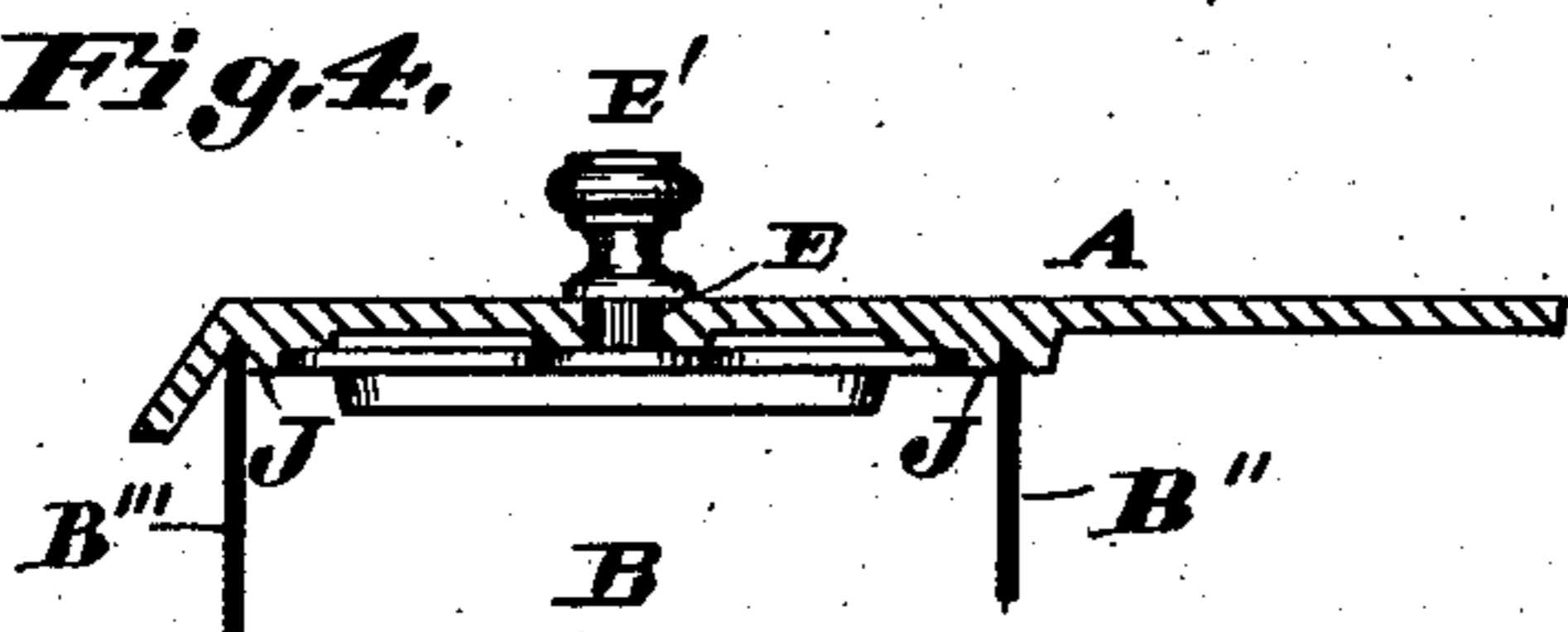
*Fig. 2.*



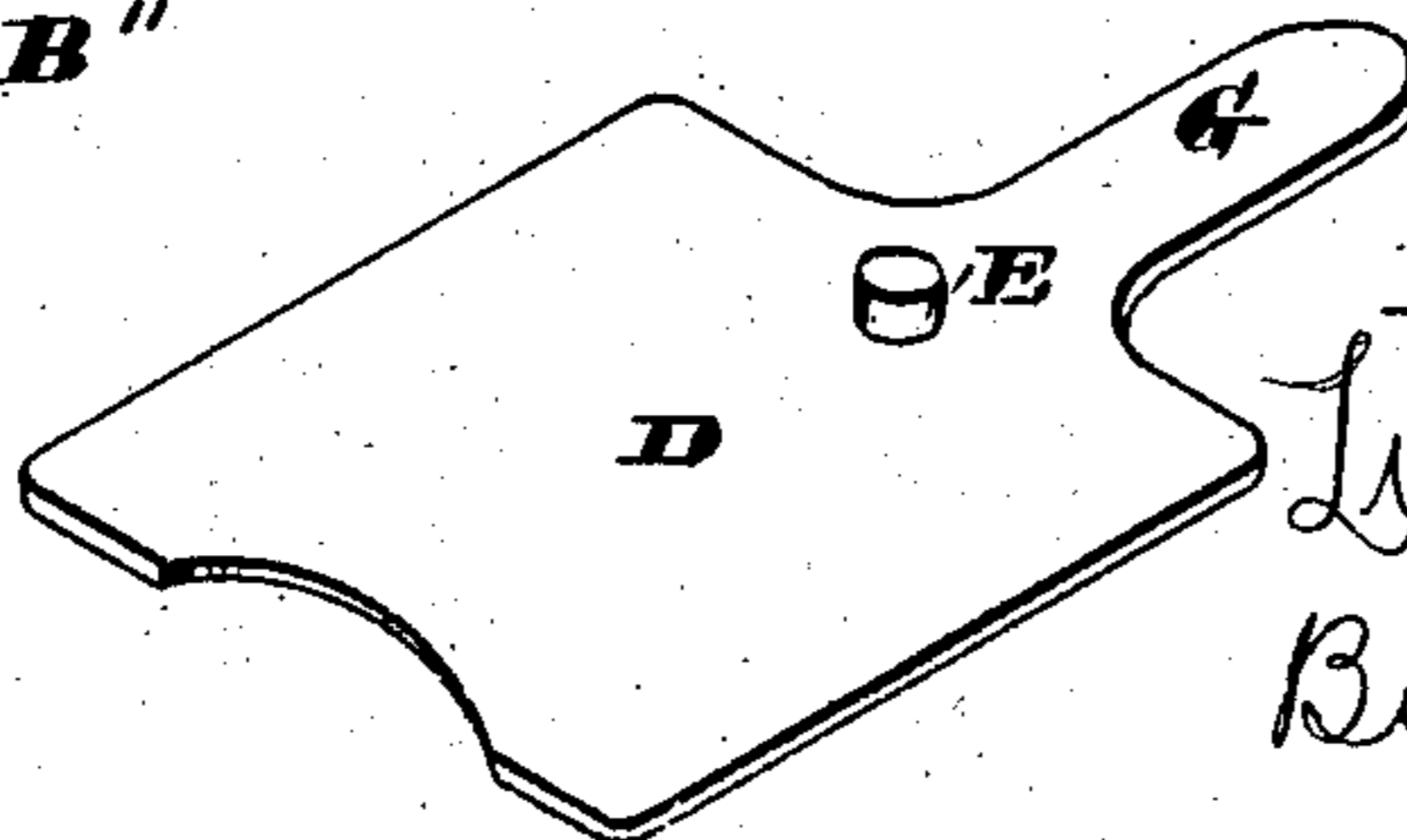
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



*Attest:*

*J. J. Fayard.*

*Herbert Knight*

*Inventor,*

*Lucius L. Culver*

*By Knight Bros*

(No Model.)

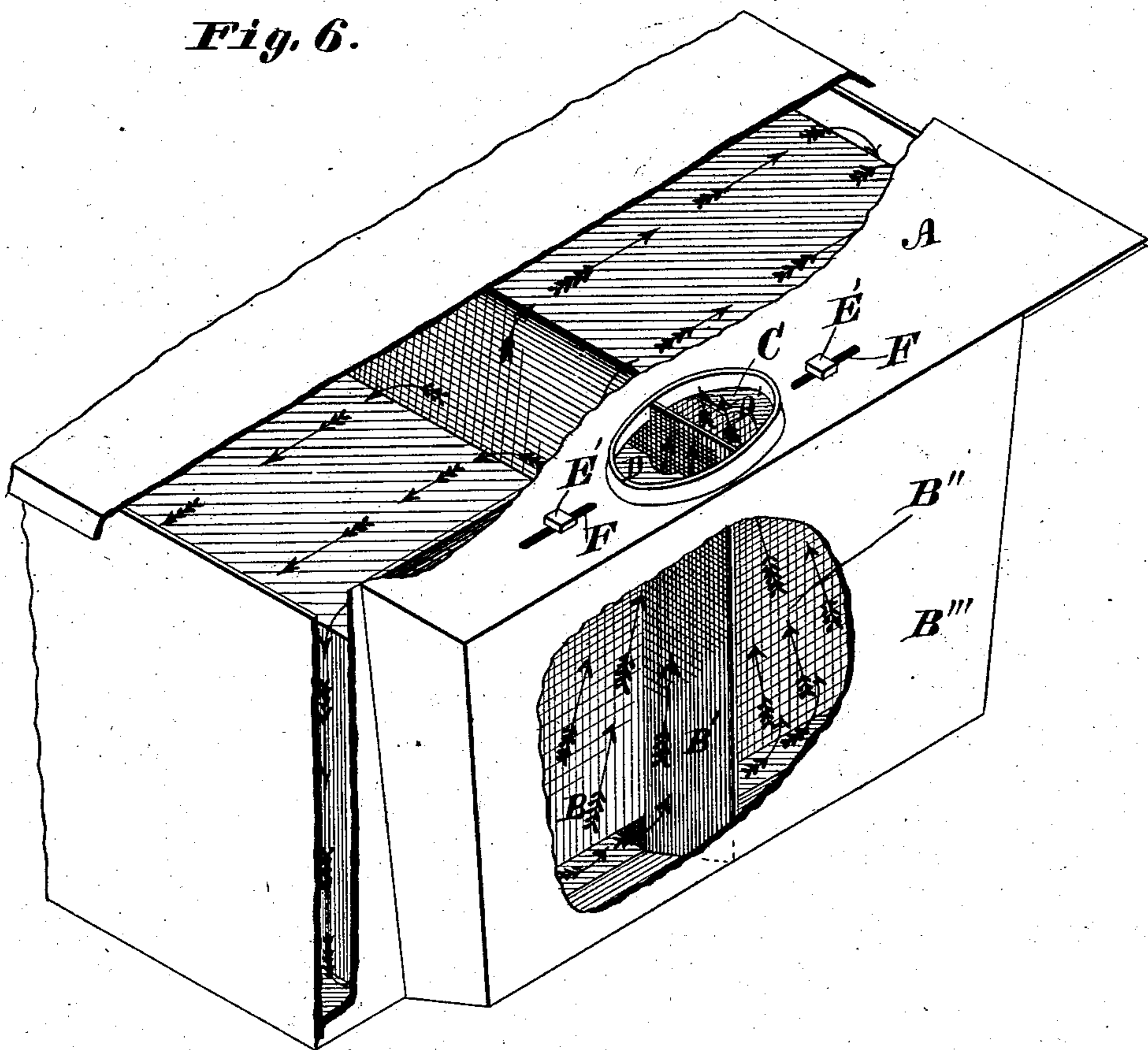
2 Sheets—Sheet 2.

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*Fig. 6.*



*Attest:*

*Charles Pickle*  
*Jm f. fayers.*

*Inventor:*

*L. L. Culver*  
*By Knight Bros*  
*attys*

# UNITED STATES PATENT OFFICE.

LUCIUS L. CULVER, OF ST. LOUIS, MISSOURI.

## RANGE AND STOVE.

SPECIFICATION forming part of Letters Patent No. 289,988, dated December 11, 1883.

Application filed January 30, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, LUCIUS L. CULVER, of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Ranges and Stoves, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

10 Figure 1 is a detail top view of a part of the top of a range, showing my improvement applied. Fig. 2 is a horizontal section taken on line 2-2, Fig. 3. Fig. 3 is a vertical section on line 3-3, Fig. 2. Fig. 4 is a vertical section on line 15 4-4, Fig. 1; and Fig. 5 is a perspective view of one of the dampers or valves removed. Fig. 6 is a perspective view of a stove with my improvement applied.

My invention relates to a means for regulating the heat in different parts of the oven, so that different articles requiring different temperatures can be baked at the same time; and my invention consists in the construction hereinafter described, and pointed out in the 25 claims.

Referring to the drawings, A represents a part of the rear portion of the top of the range or stove; B, the back flue, with a central partition, B', oven-back B'', and stove-back B''', 30 and C the exit.

D D' represent dampers or valves—one on each side of the partition B'—for regulating the size of the exit C. They are secured to the under side of the top of the range, preferably by stems E, extending up through slots F in the top of the range, and having buttons E' on their upper ends. The slots allow the dampers to be moved endwise to regulate the size of the exit on either side of the range, to 35 control the draft, as stated. The dampers have extensions G, which act as bearings to support their forward end, the stems being

near the rear part of the bodies, and they also act to close the slots F when the dampers are closed. It will thus be seen that by closing one of the dampers the products of combustion will be compelled to pass through the other side of the exit, and thus the temperature of the different parts of the oven can be governed, so that articles requiring different degrees of temperature can be baked at the same time.

The dampers may be held from side movement by ribs or flanges J on the under side of the range-top.

I claim as my invention—

1. In a range or cooking-stove, the combination of the rear flue, B, a vertical partition B', dividing the flue B and located within it an exit, C, receiving the upper end of the partition and in line therewith, and two dampers, D D', located one on each side of the partition, for optionally closing or opening either outlet to the exit, as set forth.

2. In a range or cooking-stove, the combination, with the rear flue having vertical partition B, of the stove-top having exit C in line with the partition and slots F, and the dampers D D', having stems E extending up through the slots, and adapted to slide toward or away from the partition, to open or close opposite sides of the exit, as set forth.

3. In a range or cooking-stove, the combination, with the rear flue, B, having vertical partition B', of a stove-top having an exit, C in line with the partition and slots F, and the dampers D D', having extensions G G for covering the slots, and adapted to close opposite sides of the exit, as set forth.

LUCIUS L. CULVER.

Witnesses:

GEO. H. KNIGHT,  
AUG. WEBER.