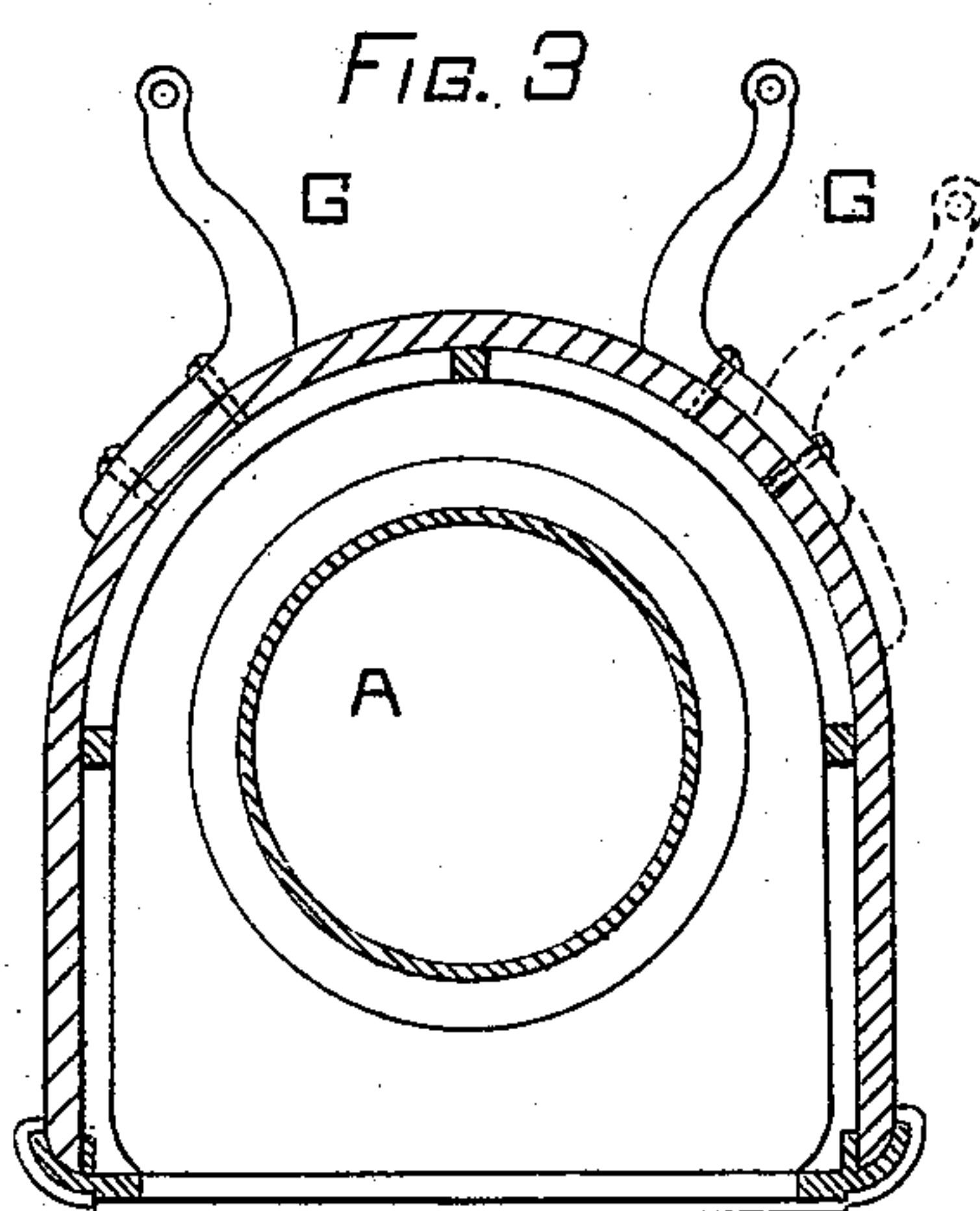
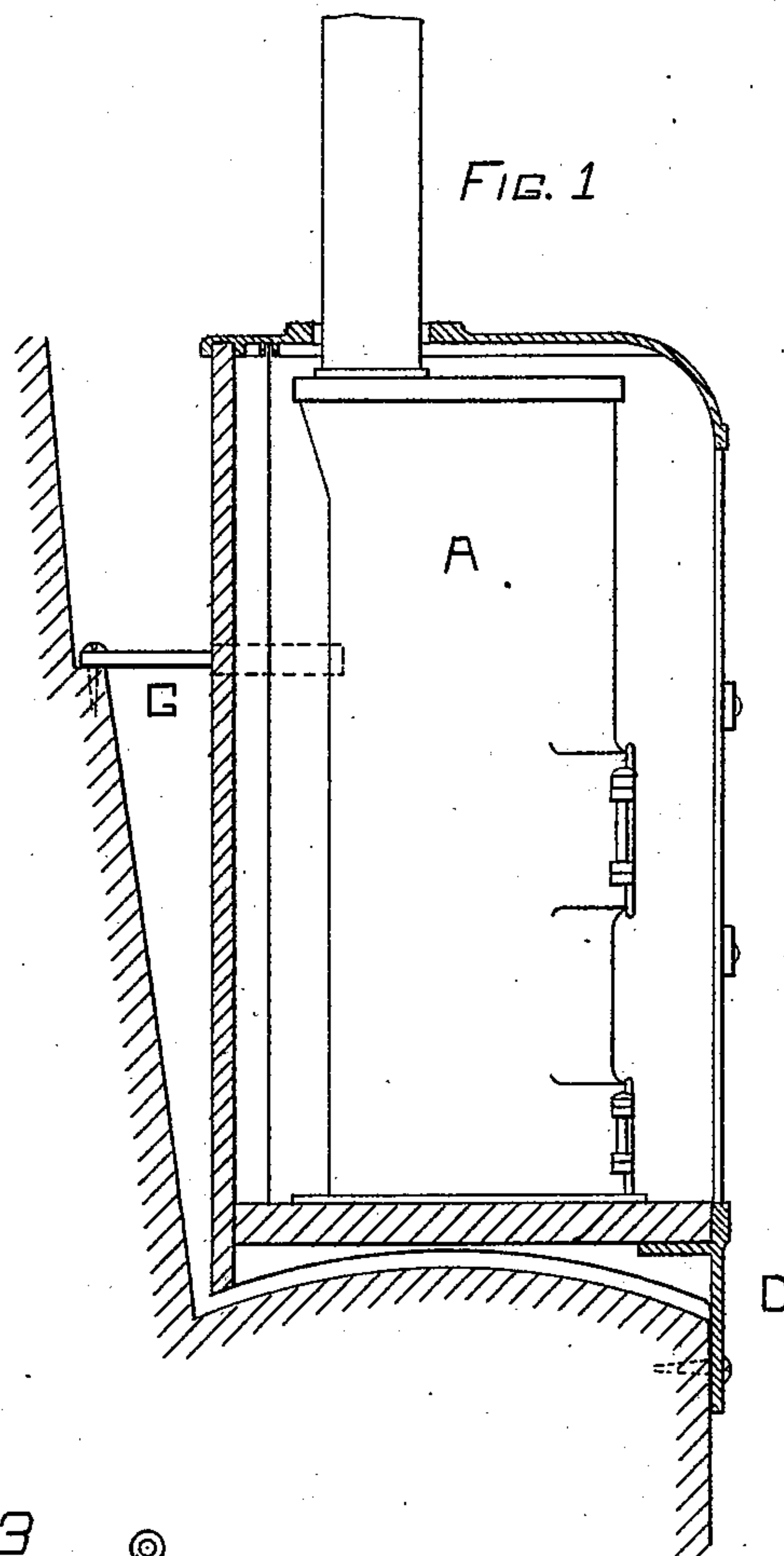
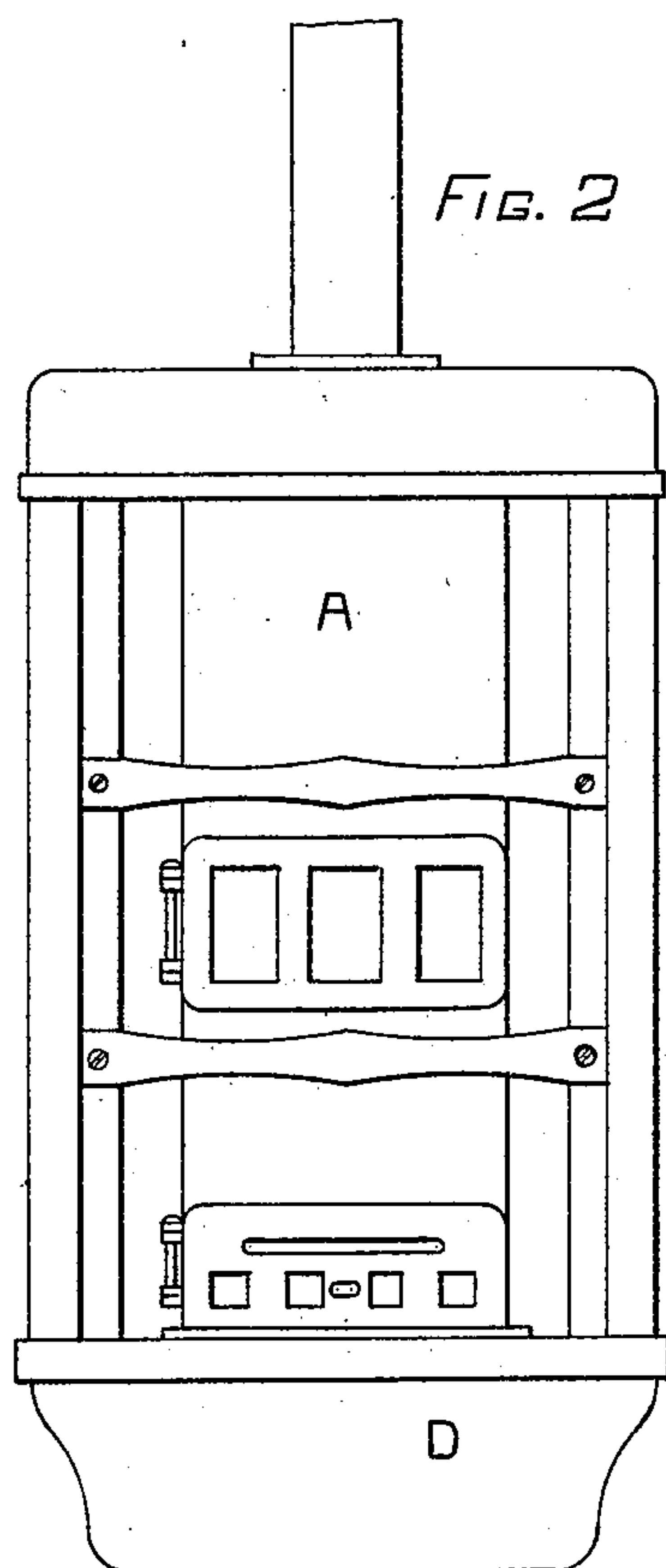


(No Model.)

M. K. BOWEN.
STOVE FOR HEATING STREET CARS.

No. 519,442.

Patented May 8, 1894.



WITNESSES

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INVENTOR

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STOVE FOR HEATING STREET-CARS.

SPECIFICATION forming part of Letters Patent No. 519,442, dated May 8, 1894.

Application filed October 14, 1893. Serial No. 488,195. (No model.)

To all whom it may concern:

Be it known that I, MENARD K. BOWEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Stove for Heating Street-Cars, of which the following is a specification.

My invention relates to the heating of street cars and the object of my invention is to provide a method of securing stove casing to the car seat so that neither the casing nor the car seat need be cut in placing it in any street car. I obtain these objects by the arrangement of parts illustrated in the accompanying drawings, in which—

Figure (1) is a vertical section of the stove casing and car seat, showing a side elevation of the stove. Fig. (2) is a front view. Fig. (3) is a horizontal section of stove and casing showing by dotted lines possible adjustment of braces or ties from casing to car seat back.

Similar letters refer to similar parts throughout the several views.

The stove is fastened to the bottom of the casing by bolts or screws, and the stove and casing as a whole is then fastened in place by screws through the metal plate (D) and into the car seat front which plate supports the weight of casing and stove and holds them in place a little above the car seat; and by the braces (G) which are shifted around

the circular back of casing until they will fit the particular width of seat, and are screwed onto the casing and then onto the top or back of seat, where they serve to steady and hold the casing and stove in place.

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

1. In street car heaters the combination of a circular back casing with the braces (G) which where they come in contact with the casing of the stove possess a form corresponding to that of said casing and which may be moved forward or backward around the arc of the casing to fasten it to any car seatback of whatever width substantially as set forth.

2. In street car heaters the combination of a stove and casing and braces (G) which where they come in contact with the casing of the stove possess a form corresponding to that of the said casing and which may be adjusted to any width of seat by moving forward or backward around the arc of the casing and the metal plate (D) with the car seat, so that as the stove and casing does not touch the seat or seat back neither the car seat nor the stove casing is cut in placing it in position.

M. K. BOWEN.

Witnesses:

JULIUS S. GRINNELL,
JOHN J. FITZPATRICK.