

No. 688,682.

Patented Dec. 10, 1901.

N. N. PETERSON.
STOVE PANEL.

(Application filed Feb. 15, 1901.)

(No Model.)

2 Sheets—Sheet 1.

Fig 1

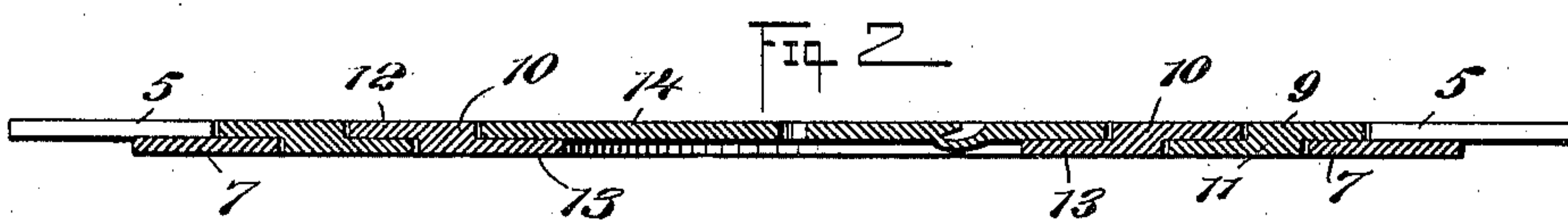
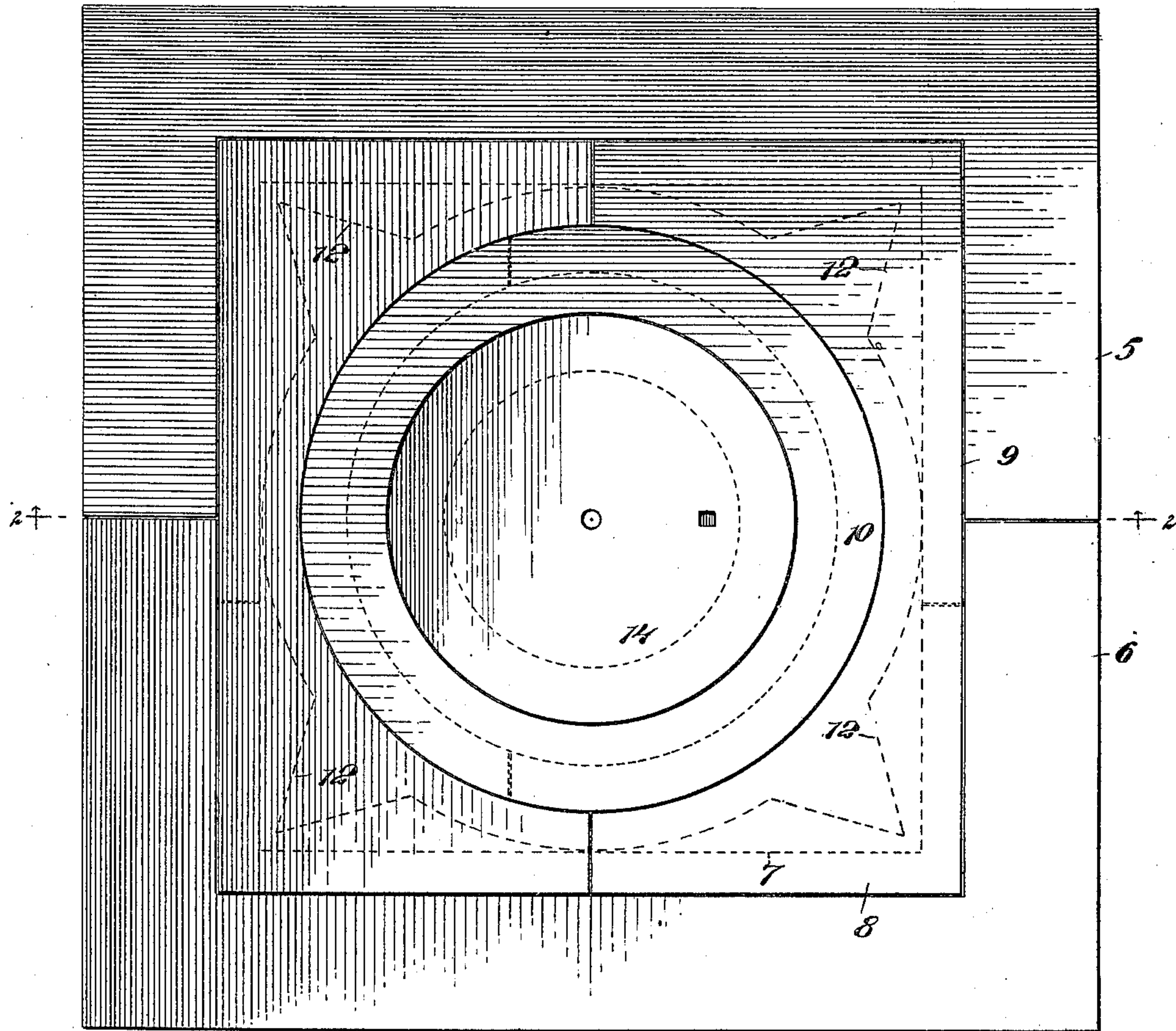
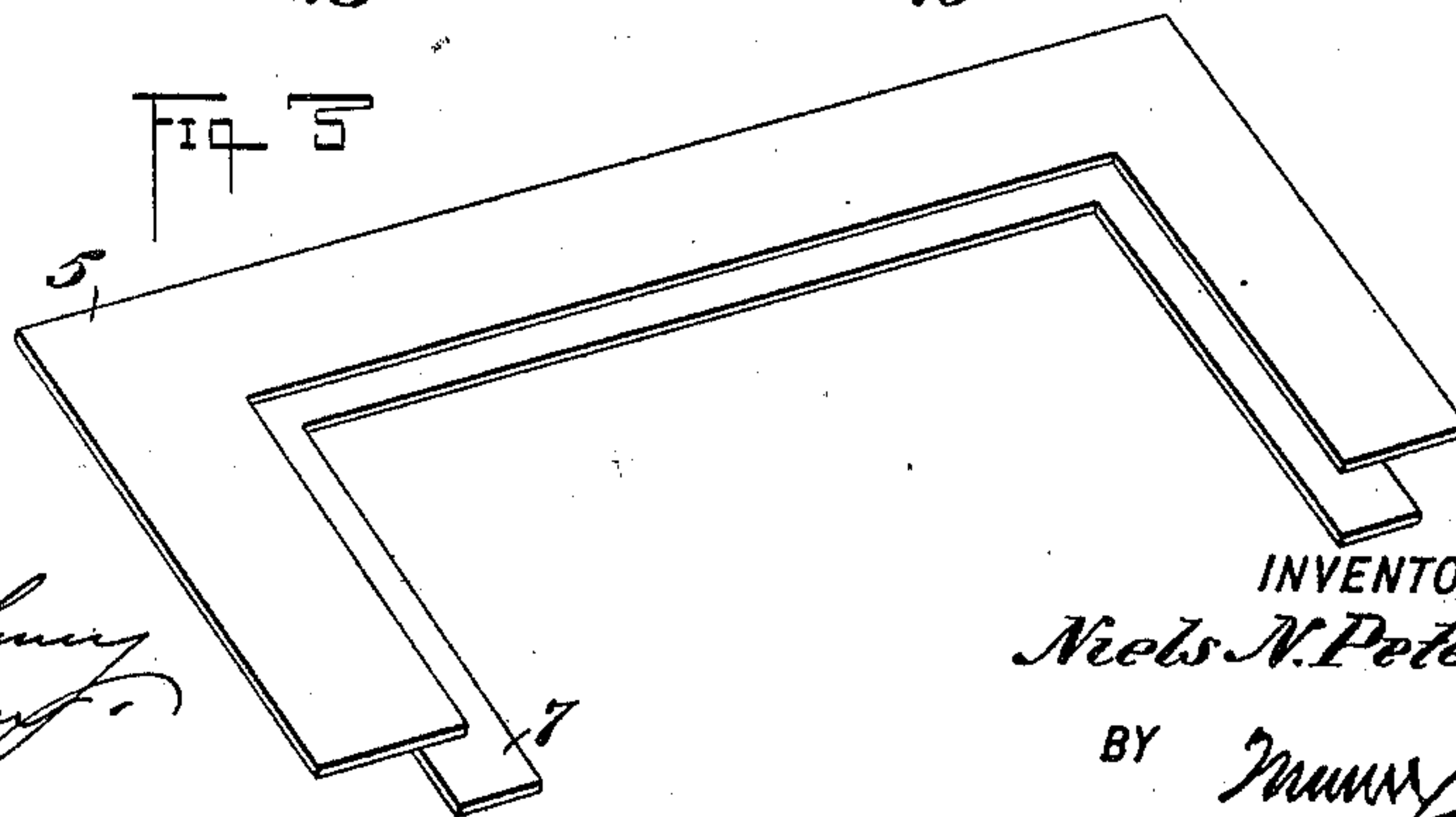


Fig 3



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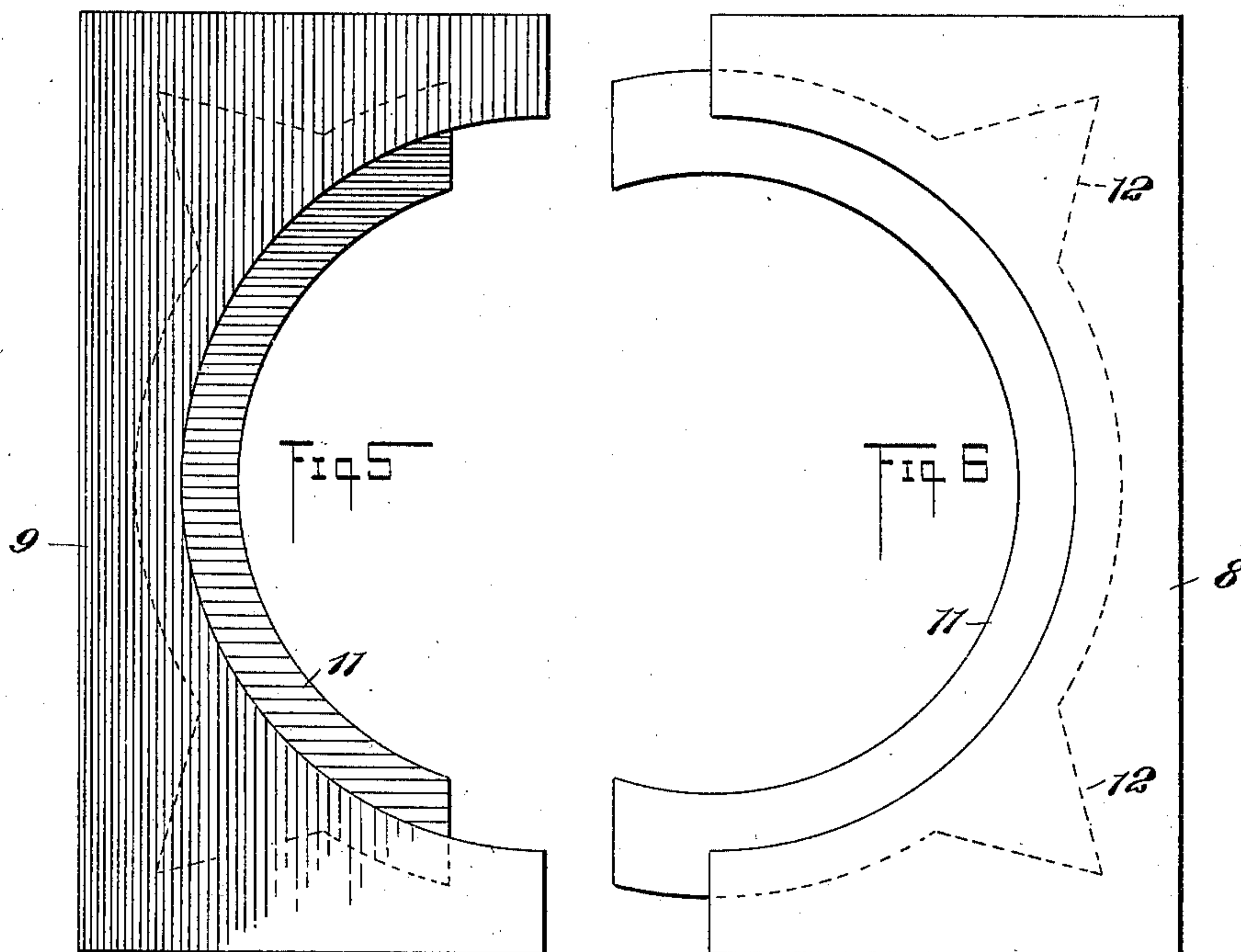
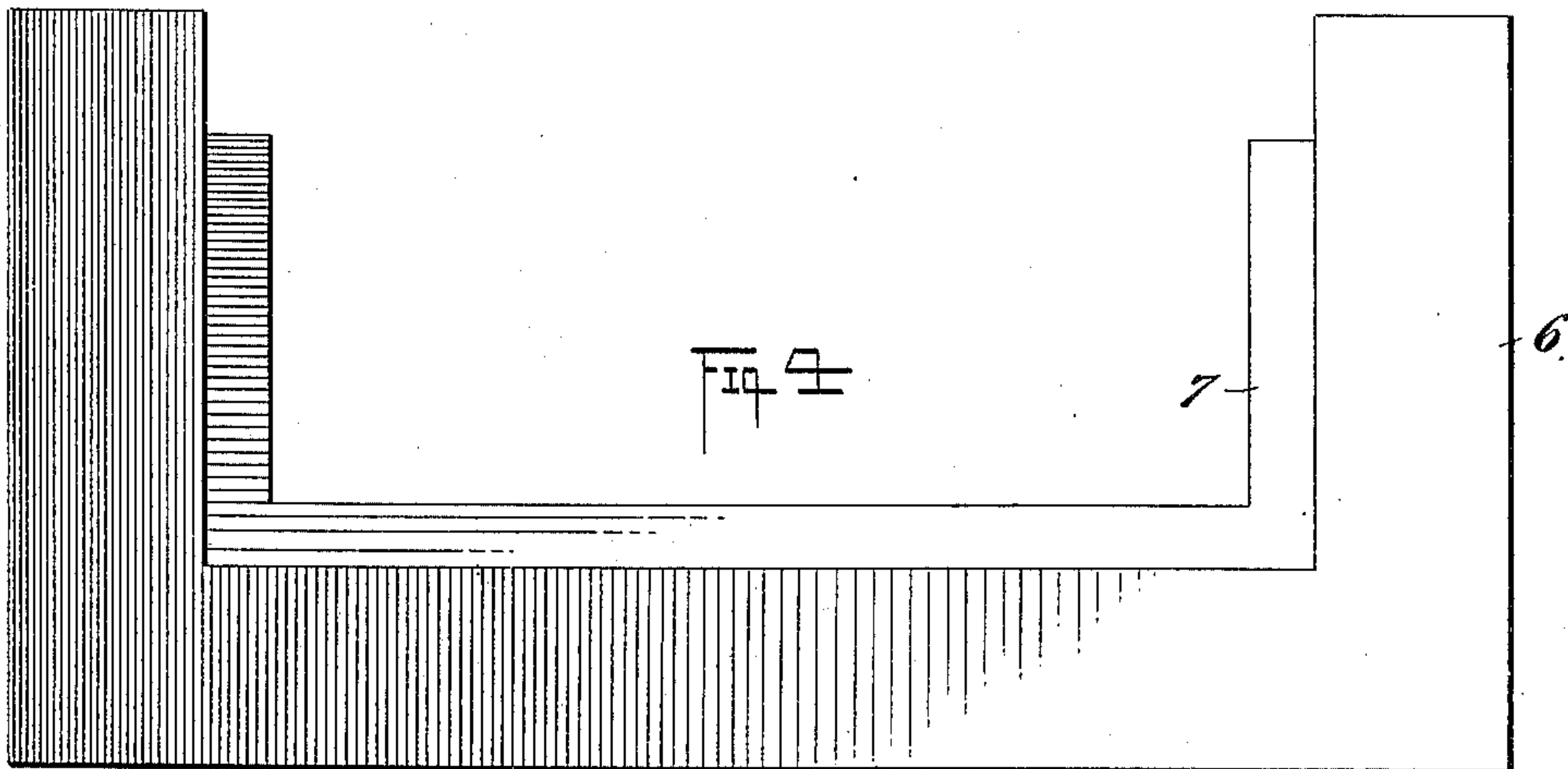
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2 Sheets—Sheet 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

NIELS N. PETERSON, OF MILWAUKEE, WISCONSIN.

STOVE-PANEL.

SPECIFICATION forming part of Letters Patent No. 688,682, dated December 10, 1901.

Application filed February 15, 1901. Serial No. 47,457. (No model.)

To all whom it may concern:

Be it known that I, NIELS N. PETERSON, a citizen of the United States, and a resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented a new and Improved Stove-Panel, of which the following is a full, clear, and exact description.

This invention relates to improvements in panels or tops for stoves, particularly cooking-stoves. When a panel is made in a single piece or in sections joined together, it soon becomes warped by the heat and practically useless, because vessels cannot sit level thereon.

It is the object of my invention to provide a panel so constructed that it will not be warped or twisted out of shape by heat, thus insuring a long period of usefulness for the panel, and consequently obviating frequent repairs or renewals.

I will describe a stove-panel embodying my invention and then point out the novel features in the appended claims.

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

Figure 1 is a plan view of a stove-panel embodying my invention. Fig. 2 is a section on the line 2 2 of Fig. 1. Fig. 3 is a perspective view of one of the outer members of the panel. Fig. 4 is a plan view of the other outer member, and Figs. 5 and 6 are plan views showing the inner members of the panel and as separated one from the other.

The panel comprises an outer member or section and an inner member or section removable one from the other and each of rectangular outline. The outer member or section consists of two parts 5 and 6, having at the inner edge an inwardly-extended flange 7. These flanges, as shown at the ends of the section or portion in Fig. 3, extend beyond the end of the body portion of the section, while the flange of the other section terminates a short distance inward of the end of the body portion of said section. By this means an overlapping joint for the two sections is formed, which will prevent the escape of heat when the members or sections are contracted or slightly drawn apart. The

inner section consists of two members 8 and 9, each having a semicircular opening at its inner side, so that when the two sections are placed together a circular opening is formed to receive a ring 10. These sections 8 and 9 are each provided with inwardly-extended flanges 11, upon which the ring 10 may rest, and as in the case first described the flanges are of different lengths, so that the body portion of one member may overlap the flange of the other member. These flanges 11 are cast integral with the sections 8 and 9, and at the corners of said sections the metal is extended outward, as at 12, which serves as a reinforce or materially strengthens the metal at these points. The ring 10 is provided at its inner circumference with a flange 13, upon which the lid 14 rests.

It will be noted that the point of connection or conjunction between the members 5 and 6 is at right angles to the point of connection between the members 8 and 9. By this arrangement the parts of one section are free to move in a direction at right angles to the direction of movement of the parts of the other section, thereby permitting of an equal expansion or contraction of the sections, so as to prevent any possible warping or twisting thereof and obviously preventing breakage often due to said warping.

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

1. A stove-panel, comprising inner and outer sections, each section consisting of two unconnected members, the joint or conjunction of the two members of one section being at right angles to the joint or conjunction of the two members of the other section, substantially as specified.

2. A stove-panel, comprising an outer section consisting of two members when placed together forming a rectangular opening, each member being provided with an inwardly-extending flange, the flange of one member extending beyond the end of the same and the flange of the other member terminating short of the ends thereof, and an inner section consisting of two members fitting in the opening of the outer section and forming

when placed together a circular opening,
each member being provided with an in-
wardly-extending flange, the flange of one
member extending beyond the ends of the
5 same and the flange of the other member ter-
minating short of the ends thereof, the joints
of the members of the sections being at right
angles to each other, as set forth.

In testimony whereof I have signed my
name to this specification in the presence of 10
two subscribing witnesses.

NIELS N. PETERSON.

Witnesses:

JOHN D. ANDERSON,
GEORGE WILSON.