

H. D. GRABEL.
STOVEPIPE SUPPORT.
APPLICATION FILED JUNE 26, 1908.

906,870.

Patented Dec. 15, 1908.

Fig. 2.

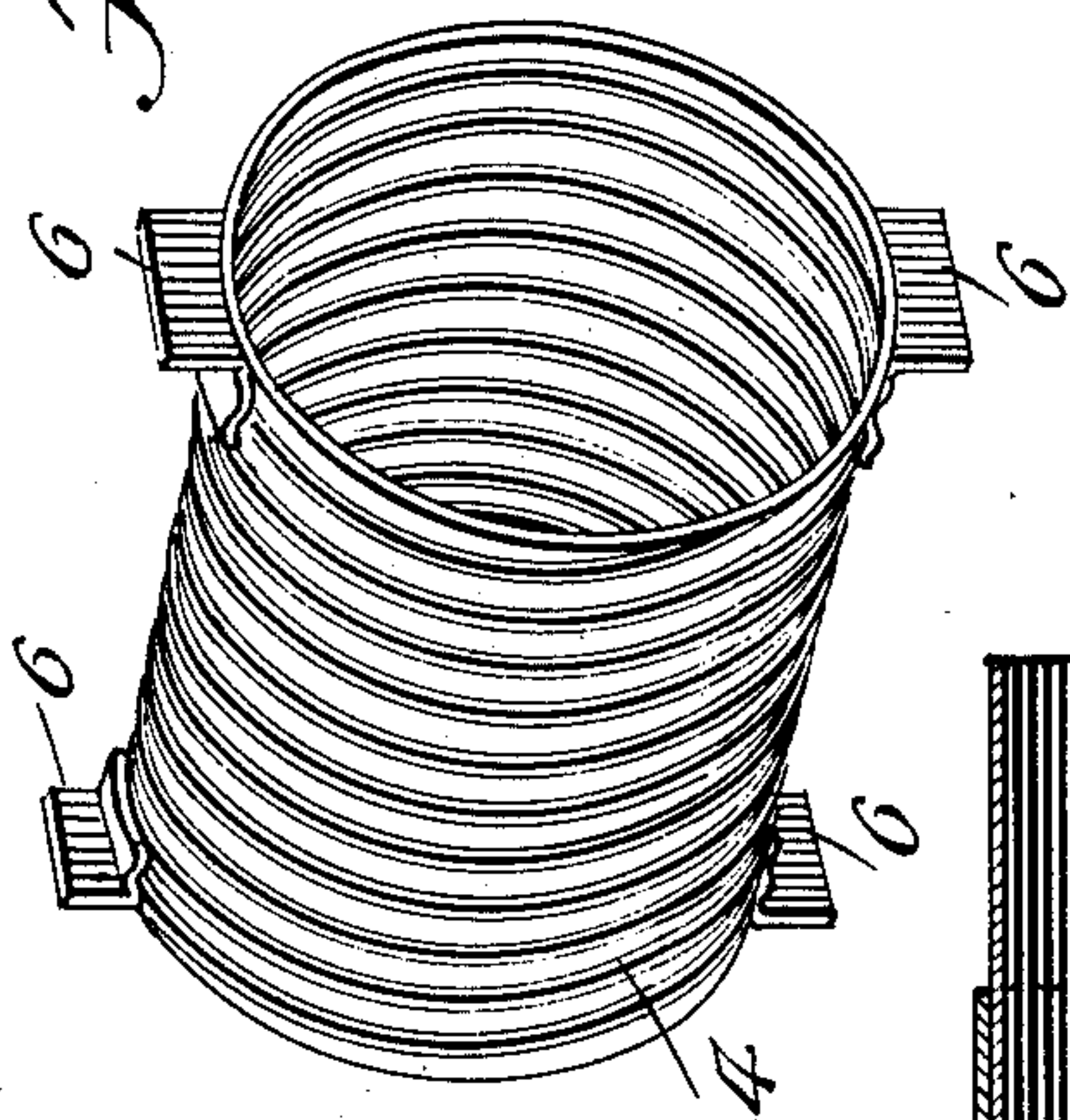


Fig. 3.

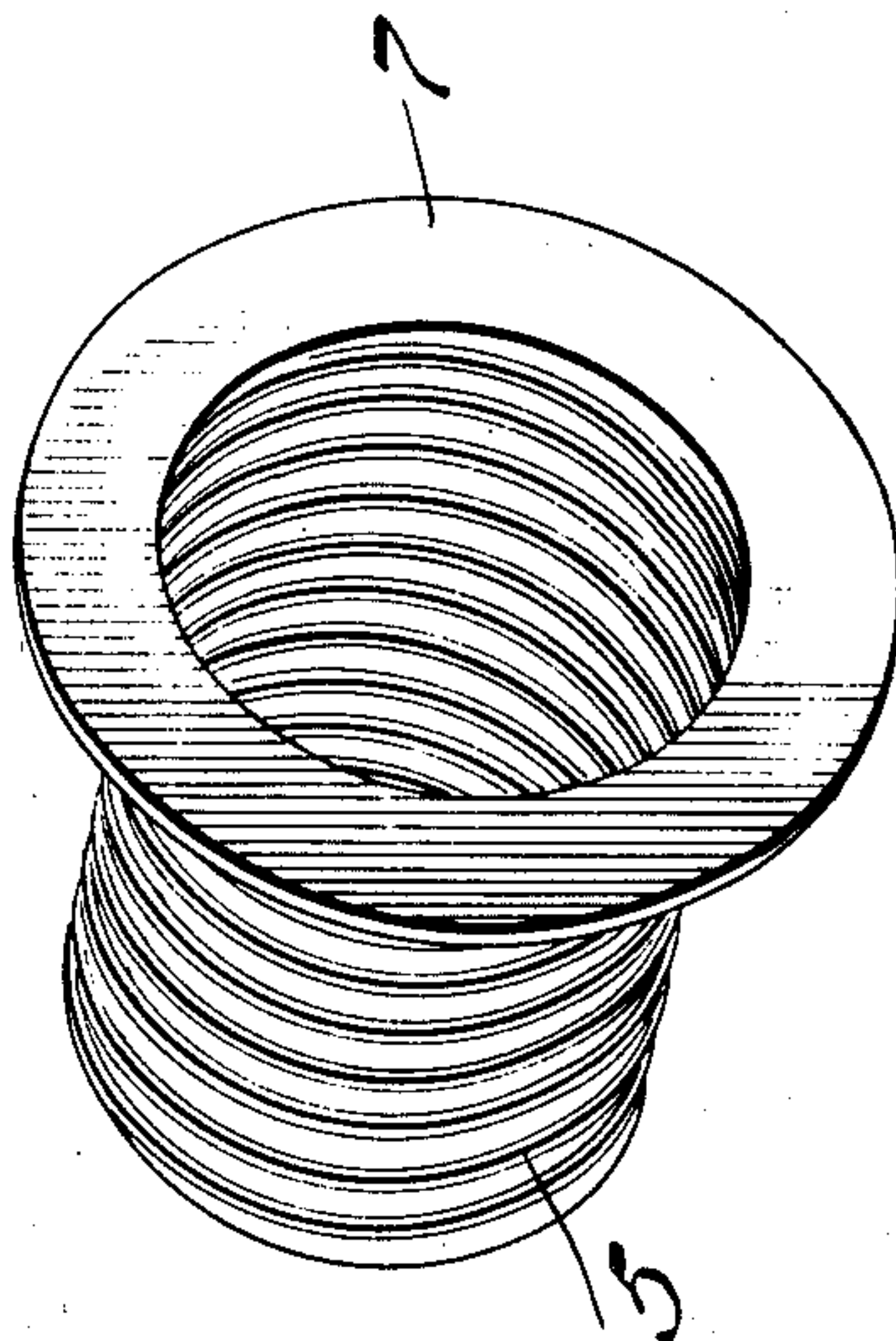
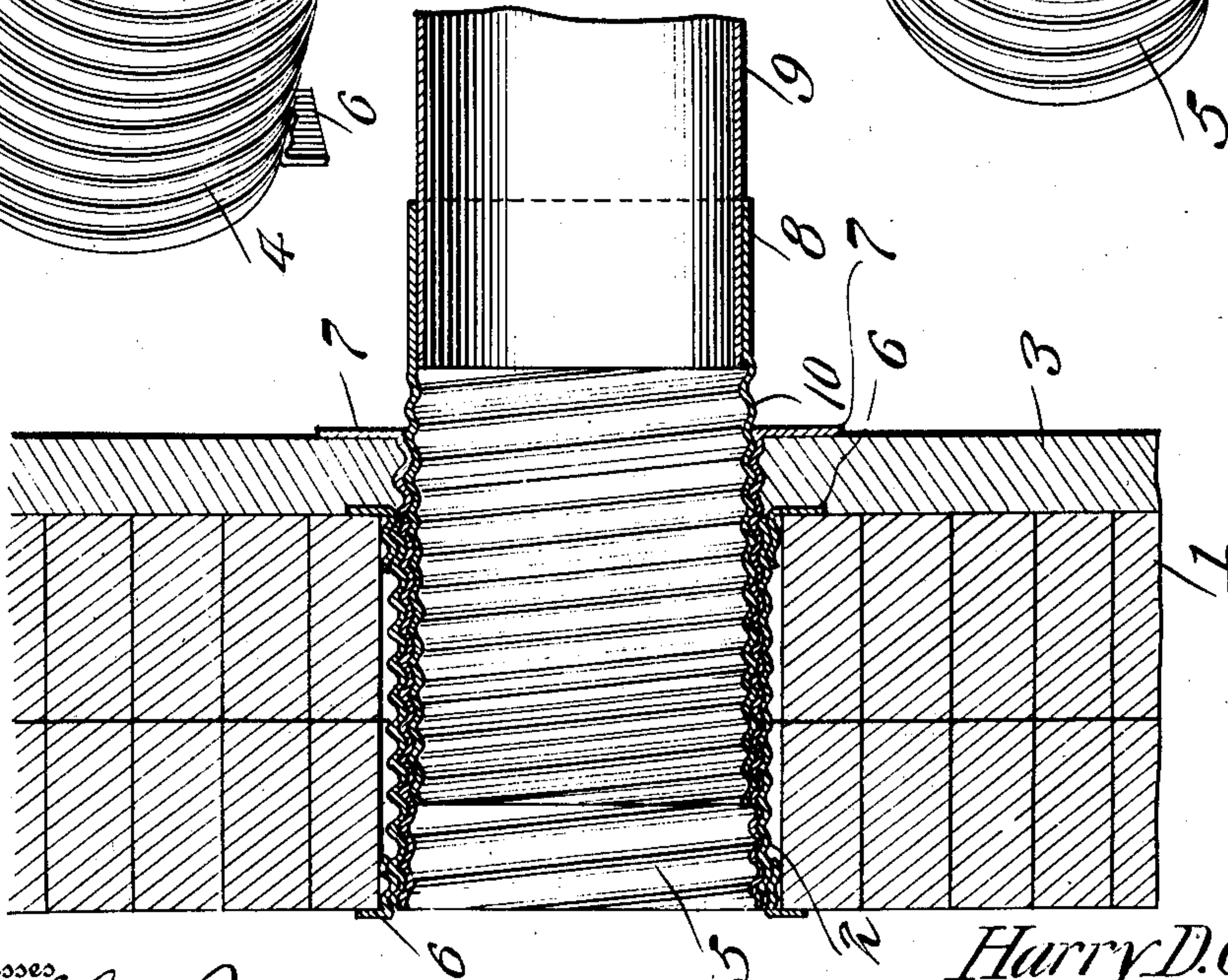


Fig. 1.



Witnesses

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HARRY D. GRABEL, OF EAST ST. LOUIS, ILLINOIS.

STOVEPIPE-SUPPORT.

No. 906,870.

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To all whom it may concern:

Be it known that I, HARRY D. GRABEL, a citizen of the United States of America, residing at East St. Louis, in the county of St. Clair and State of Illinois, have invented new and useful Improvements in Stovepipe-Supports, of which the following is a specification.

My invention relates to improvements in stove pipe supports, and its primary object is the provision of a simple, durable and efficient device of this character by means of which one end of a stove pipe may be secured in communication with a flue opening against accidental displacement.

A further object of the invention is the provision of a support which is designed to prevent soot and water escaping through the flue opening.

A still further object of the invention is the provision of a stove pipe support which is simple, durable and efficient, which may be readily applied, and which may be manufactured and sold at a comparatively low cost.

With the above and other objects in view, the invention consists in the construction, combination and arrangement of parts hereinafter fully described and claimed and illustrated in the accompanying drawing, wherein:

Figure 1 is a sectional view illustrating the application of my improved stove pipe support. Fig. 2 is a detail perspective view of one member of the flue opening socket. Fig. 3 is a detail perspective view of the other member of the flue opening socket.

Referring to the drawing by reference numerals, 1 designates a fragmentary portion of one wall of a flue, 2 the opening therein, and 3 a fragmentary portion of the plaster secured to the flue wall, such parts being in vertical section.

Broadly and generally speaking, my improved stove pipe support comprises a flue opening socket and a stove pipe receiving thimble.

The flue opening socket comprises cylindrical members 4 and 5 which are screw threaded throughout their entire lengths, the member 4 being designed to receive the member 5. The socket member 4 is adapted to be secured in the flue opening 2 through the medium of elements 6, which may be either formed integrally with the member or made separately and secured thereto, and which

are adapted to engage the inner and outer surfaces of the flue wall 1. The elements 6 are preferably made separately from the socket member 4, and are preferably angular in cross-section. Each element 6 is secured in applied position through the medium of one of its flanged portions, and the elements are arranged at the ends of the socket 4. After the socket member 4 is secured in applied position, the socket member 5 is threaded into the same.

The socket member 5 preferably has threaded engagement with the wall of that portion of the flue opening extending through the plaster 3, and is provided with an annular flange 7 adapted to engage the outer surface of the plaster. The flange 7, the connection between the members of the flue sockets, and the connection between the socket member 5 and the wall of that portion of the flue opening extending through the plaster 3, are such as to prevent soot or dirt escaping from the flue and soiling the plaster.

The stove thimble comprises a smooth portion 8 adapted to receive the end of a stove pipe, and a threaded portion 10 adapted to be received by the flue socket. The connection between the thimble and the flue is such as to prevent the accidental displacement of the thimble and prevent soot, smoke, water and dirt from escaping from the flue.

It should be apparent from the above description taken in connection with the accompanying drawings, that I provide a stove pipe support which will prevent soot, smoke, dirt and water from escaping from the flue, which may be readily and quickly applied, which is adapted to secure a stove pipe in communication with the flue opening against accidental displacement, and which may be manufactured and sold at a comparatively low cost.

Changes in the form, proportions and minor details of construction may be made within the scope of the claim without departing from the spirit or sacrificing any of the advantages of the invention.

Having fully described and illustrated my invention, what I claim is:—

The combination with a wall having a flue opening, of a threaded member positioned in the opening, elements secured to the member and engaging the wall to prevent the displacement of the member, an-

other member threaded on its inner and
outer surfaces and provided at one end with
a flange, said other member being positioned
in and having threaded engagement with
5 the first-named member, and a stove pipe
thimble having a smooth portion and a
threaded portion, the threaded portion of
the thimble having engagement with the

threads on the inner surface of the said other
member.

In testimony whereof I affix my signa-
ture in presence of two witnesses.

HARRY D. GRABEL.

Witnesses:

M. B. KANE,

H. F. KANE.