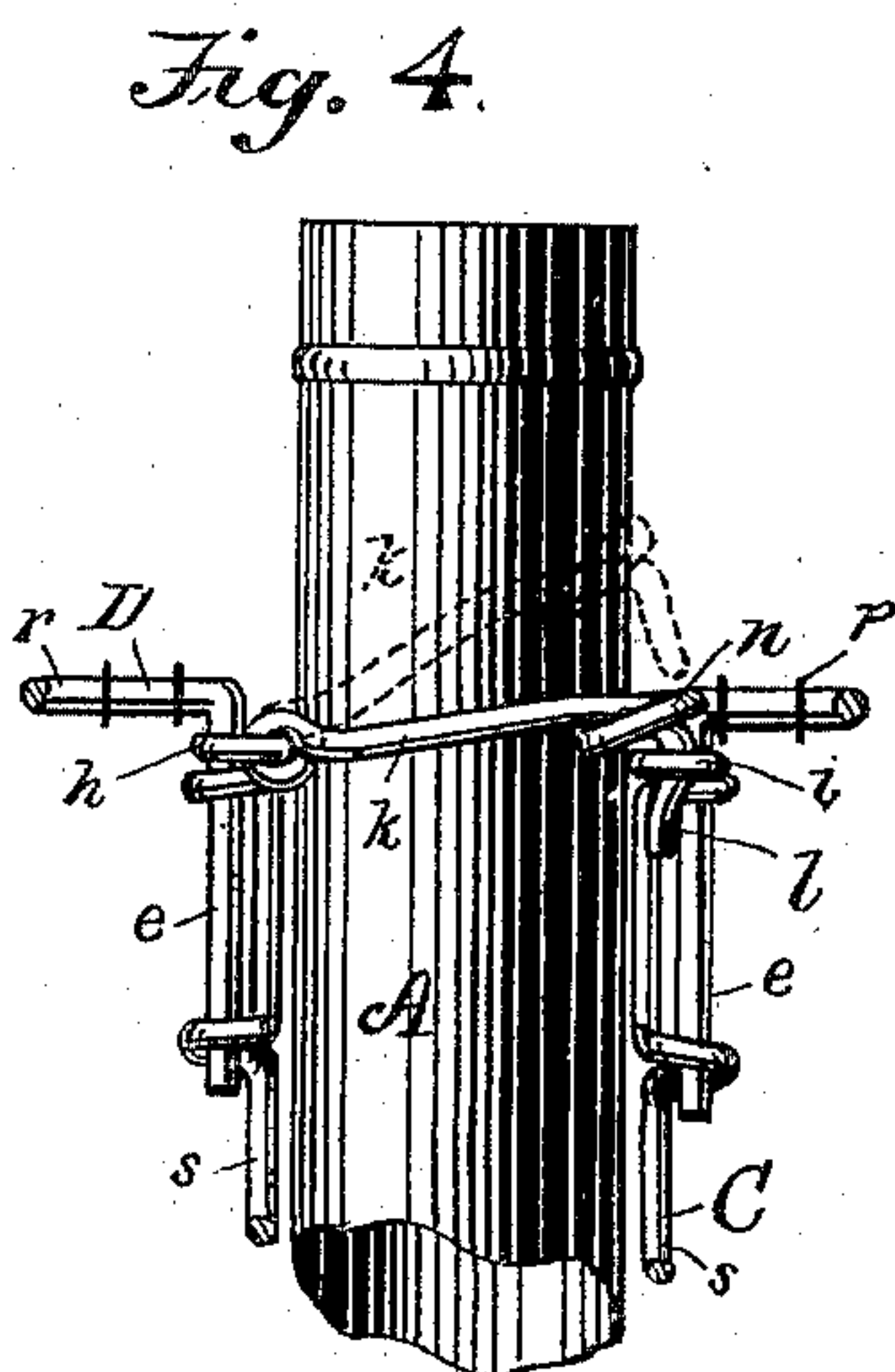
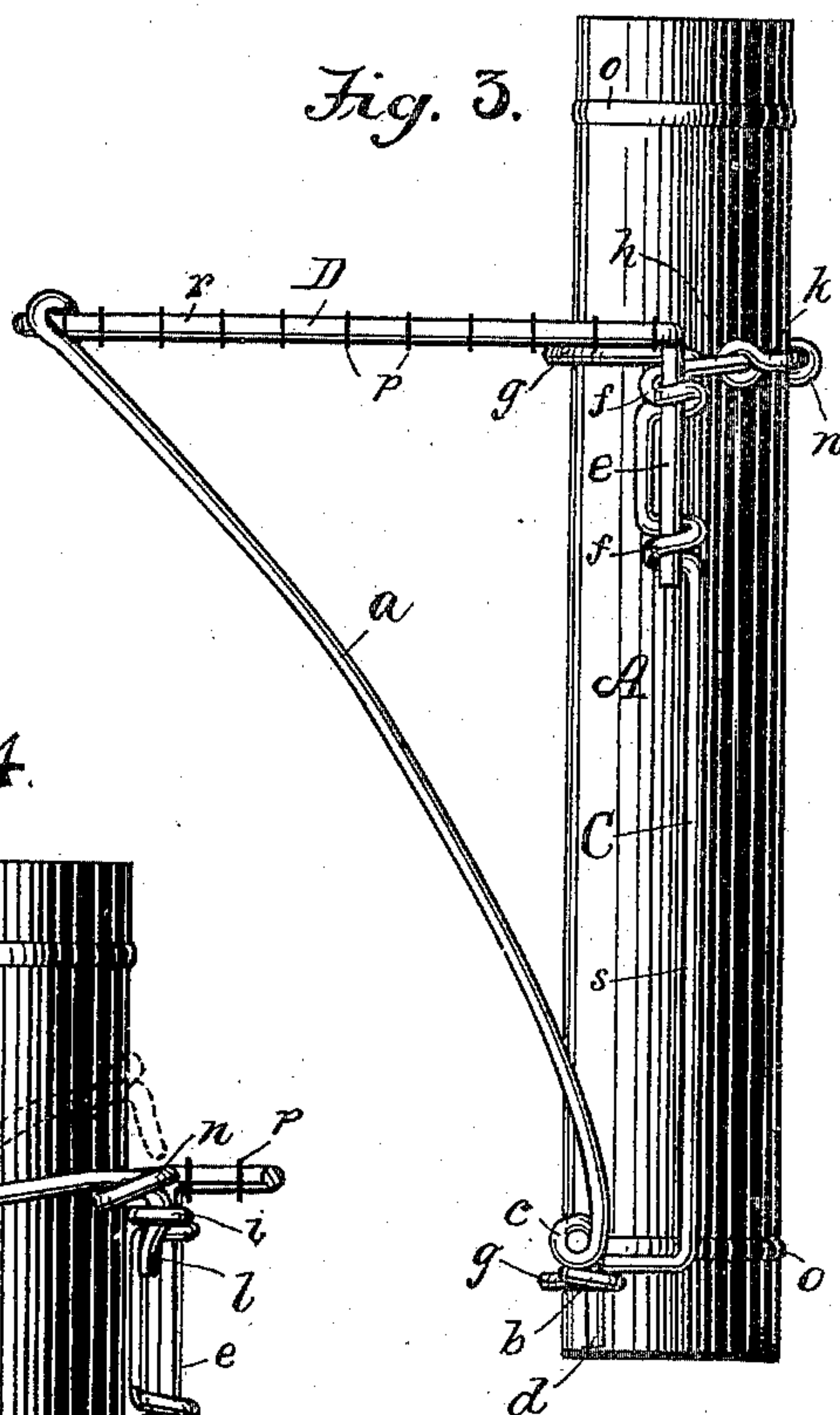
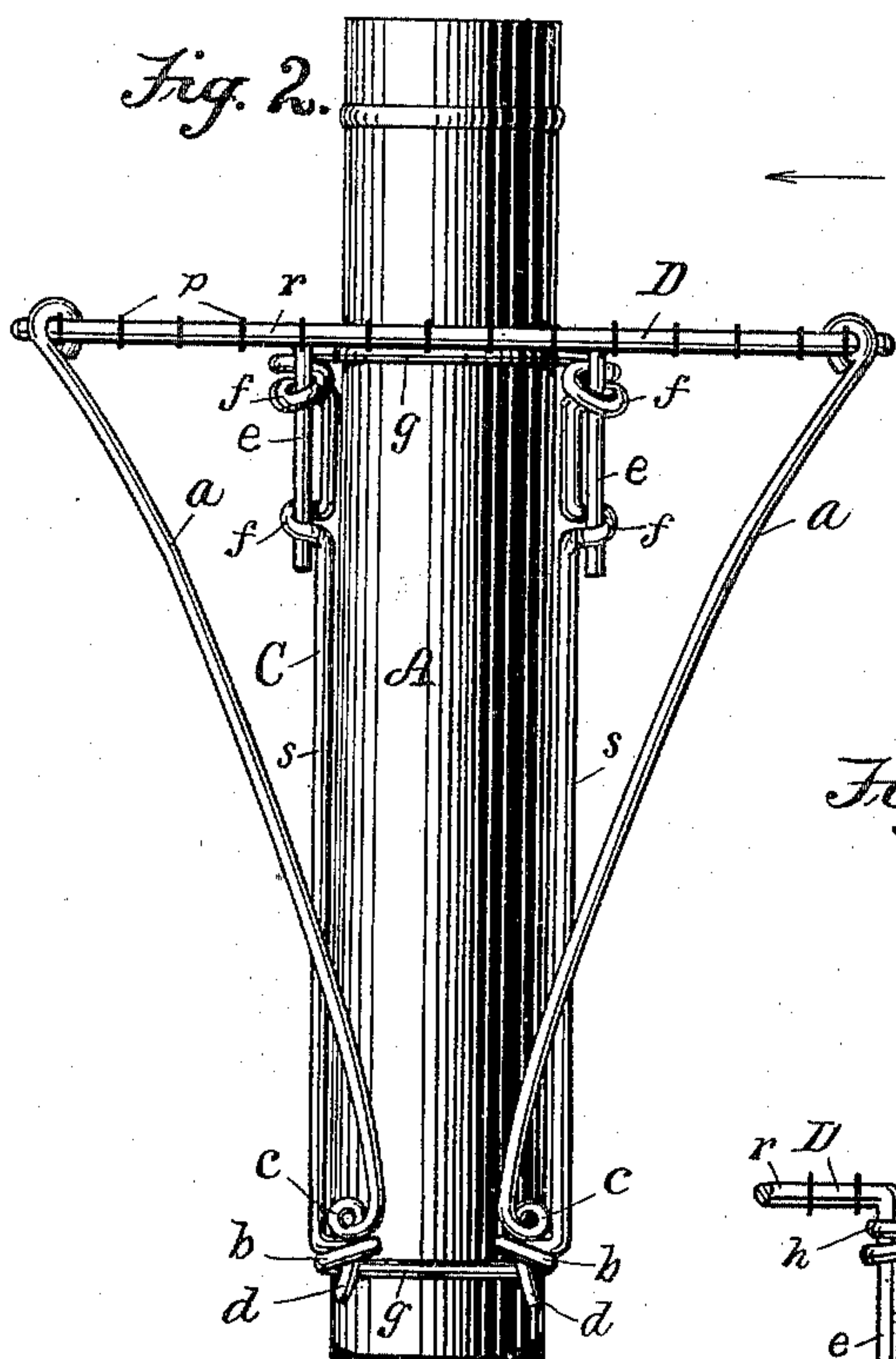
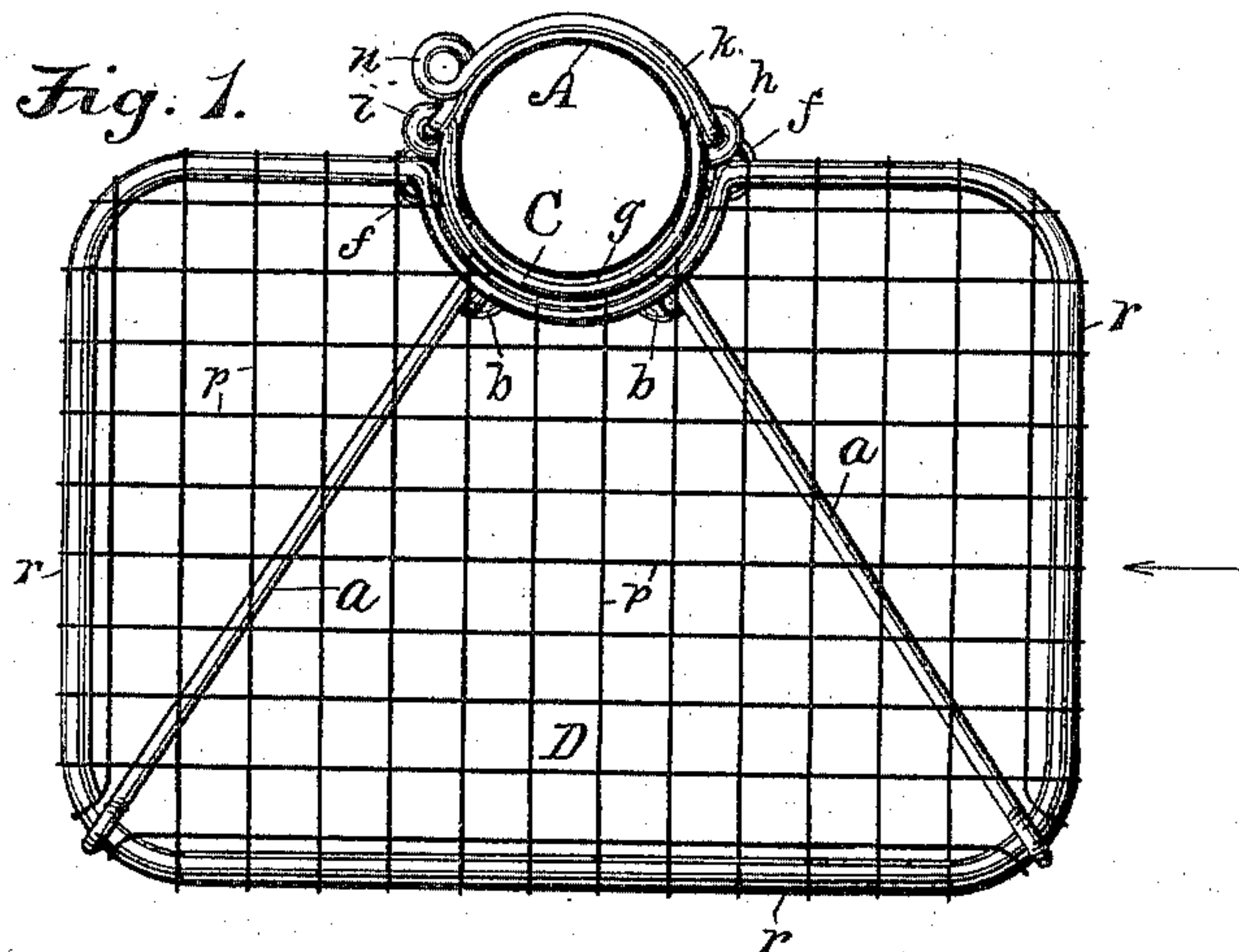


(No Model.)

E. A. LOEBS.  
STOVEPIPE SHELF.

No. 488,247.

Patented Dec. 20, 1892.



WITNESSES:

M. L. McDermott,  
Henry Hart,

INVENTOR

E. A. Loeb,  
BY E. B. Whitmore,

ATTORNEY.



# UNITED STATES PATENT OFFICE.

EDWARD A. LOEBS, OF ROCHESTER, NEW YORK.

## STOVEPIPE-SHELF.

SPECIFICATION forming part of Letters Patent No. 488,247, dated December 20, 1892.

Application filed February 20, 1892. Serial No. 422,275. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD A. LOEBS, of Rochester, in the county of Monroe and State of New York, have invented a new and useful Improvement in Stovepipe Shelves, which improvement is fully set forth in the following specification and shown in the accompanying drawings.

The object of my invention is to produce a cheap, light and ornamental shelf to attach to a stovepipe, the shelf proper being readily detachable from the frame or holder upon which it rests, the frame or holder being directly attached to the stovepipe.

The device as to all of its parts is preferably made of wire bent and twisted in a manner to be both serviceable and ornamental; the invention being hereinafter more fully described and particularly pointed out.

Referring to the drawings, Figure 1 is a plan of the shelf. Fig. 2 is a front elevation. Fig. 3 is a side elevation viewed as indicated by arrows in Figs. 1 and 2. Fig. 4 is a rear elevation of portions of the upper part of the device, the fastening clasp being shown in two positions by full and dotted lines.

Referring to the parts shown, A is a piece of stovepipe of common kind, and D the shelf secured thereto by means of a frame C. The shelf proper is preferably rectangular with rounded corners, formed with a plain strong peripheral wire *r*, filled in with light cross-wires *p*, as shown. It is provided at its front corners with curved inclined braces *a a*, which extend downward and enter rests *b b* in the frame C. These rests are simple open coils or loops in the wire forming the frame; and just above their lower ends the two braces are formed into coils *c c* which bear upon the respective rests *b b*, the unbent ends *d d* of the braces entering the coils *b b*, as shown. The braces are permanently secured to the shelf D, but are loosely joined so to turn on the wire *r* for the purpose of folding, when necessary, in a more compact form.

At its rear edge or side the shelf is formed with a semicircular depression to make way for the pipe and it is provided with two parallel downturned tines *e e*, one on either side of the stovepipe, each of which enters looped rests *f f*, formed in the upper part of the frame C, as shown. By means of these tines

and the braces the shelf is securely held to the frame C; and it will be understood that as the tines and braces simply slip vertically downward into their respective rests an upward movement of the shelf would serve to detach it from the frame C, the latter remaining attached to the stovepipe. By this means when the shelf is not needed for use it may be readily detached from the stovepipe, folded and laid away, to be replaced again when needed.

The frame C is formed with two vertical sides *s s* and two horizontal semicircular cross bands *g g*, one at its upper and the other at its lower end, which bands meet and partially encircle the stovepipe, as shown. The rests *b b*, are formed in the lower band, and the rests *f f* in the side pieces *s s* of the frame. At its ends the upper band is formed into loops *h i*, in which to hold a fastening clasp *k*, to secure the frame to the stovepipe. The clasp is preferably permanently secured to the loop *h*, but so as to turn freely therein, while its opposite end is formed into a hook *l* to catch into the loop *i*, as shown more particularly in Fig. 4. As a matter of convenience the clasp is formed with a loop or thumb-piece *n* to be grasped by the thumb and finger in the act of attaching the frame to or detaching it from the stovepipe. The clasp and the continuous band together completely encircle the pipe and tightly hold thereto; the lower band simply resting against the side of the pipe on account of a horizontal thrust or pressure due to the fact that the shelf D (and whatever may rest thereon) overhangs said lower band. The shelf thus secured to the stovepipe may be turned horizontally around the latter to any position desired.

The frame may be put upon the stovepipe so that one or the other of the bands *g* shall be just above one of the ordinary beads *o* formed in the pipe near its ends, or it may be secured to the pipe independently of said beads, as may be desired.

What I claim as my invention, is:

A stovepipe shelf consisting of a horizontal part or shelf proper indented at its edge to meet the pipe and having downturned rigid tines and brace rods, in combination with a frame to hold the shelf consisting of

vertical side pieces joined by cross-bars  
curved to meet the pipe and formed with  
loops to receive said tines and other loops to  
receive the ends of said braces, the latter and  
5 said tines being adapted to slip vertically out  
of said respective loops, and a fastening  
clamp for the shelf, substantially as shown and  
described.

In witness whereof I have hereunto set my  
hand, this 18th day of February, 1892, in the ro  
presence of two subscribing witnesses.

EDWARD A. LOEBS.

Witnesses:

ENOS B. WHITMORE,  
M. L. McDERMOTT.