

Oct. 14, 1941.

S. SKOKO

2,258,911

STOVE PIPE

Filed Jan. 26, 1940

FIG. 1.

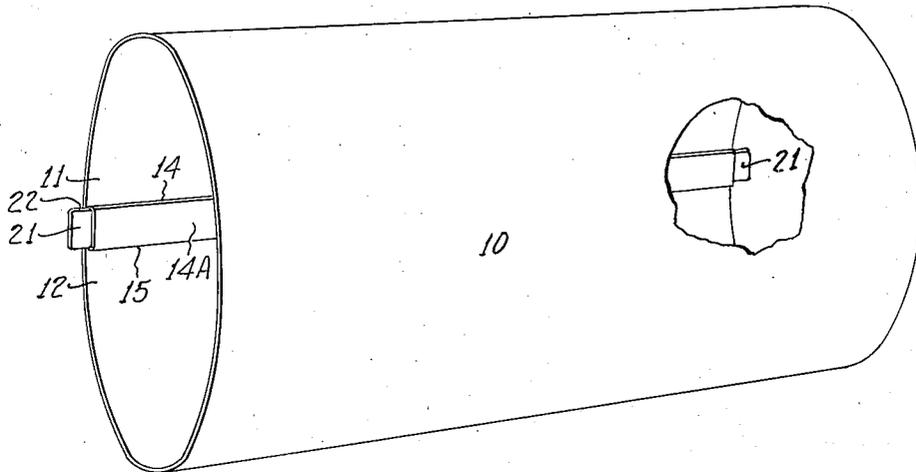


FIG. 2.

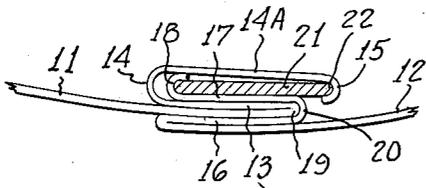


FIG. 3.

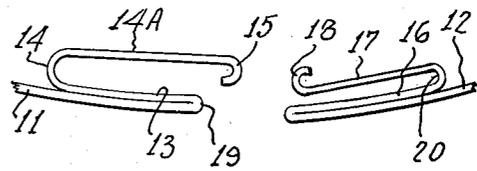
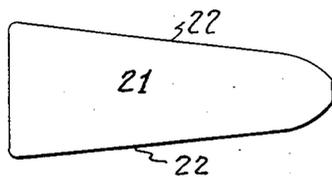


FIG. 4.



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STOVEPIPE

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2 Claims. (Cl. 138—74)

My invention relates to improvements in stove pipes.

The object of the invention is to provide a sheet metal stove pipe so constructed that it may be increased or decreased in diameter to accommodate other sections of stove pipes of different diameters, and at the same time allow two or more sections to telescope each other, a greater or less distance, and tightly held in said telescoped position.

Another object of the invention is to provide a stove pipe of this character, which can be readily assembled and adjusted to its proper diameter; and, at the same time, forms a stove pipe, the exterior of which has no sharp edges and has the appearance of the ordinary rolled seam of a rigid stove pipe.

A further object of the invention is to provide a simple and effective stove pipe which can be cheaply manufactured by modern machinery.

In the accompanying drawing:

Figure 1 is a perspective view of my improved stove pipe, showing the edges locked together;

Figure 2 is an enlarged end view of the joint between the edges and showing the wedge in sections;

Figure 3 is an enlarged end view of the two edges of a stove pipe separated, with the wedge removed;

Figure 4 is a plan view of one of the wedges.

Referring now to the drawing, 10 represents my improved stove pipe, which can be made of any desired length and diameter and split longitudinally thereof. The edge 11 is sharply bent at 19, having the portion 13 tightly pressed against the inner periphery of the pipe and is then bent inwardly at 14 to form the portion 14^a approximately parallel with the portion 13. The portion 14^a extends outwardly beyond the bend 19 a considerable distance and turns outwardly and inwardly, as indicated at 15, forming a hook. The other longitudinal edge 12 of the stove pipe is bent inwardly upon the inner periphery of the stove pipe, as indicated at 16, and turns laterally and outwardly, as indicated at 20, forming the portion 17, approximately parallel with the portion 16. The outer end of the portion 17 is provided with an inwardly bent hooked portion 18 in beyond the outer edge of the bent portion 16. A wedge 21 is employed at each end of the stove pipe, the said wedges having sharp tapered side walls 22.

By the structure herein described, it will be seen that the portion 17, and hook 18, is passed transversely into the space between the portions 13 and 14^a of the opposing edge of the pipe with the portion 16 tightly engaging and forming a tight seal with the outer periphery of the stove pipe. The wedges 21 are then forced into the spaces between the portions 17 and the outer faces of the portions 14^a between the hooked ends 15 and 18, whereby the edges of the stove pipe are drawn together, as clearly shown in Figure 2 of the drawing. This figure shows the maximum contraction of the stove pipe and, if a stove pipe of a greater diameter is required, the wedges are not entirely driven in, thus allowing the bent portion 20 to be spaced from the portion 19. In the use of the stove pipe, if it is desired to telescope two sections, a greater or less distance, it is only necessary to partially withdraw one of the wedges 21, at one end of the pipe, to allow for the increase in diameter.

What I claim and desire to protect by Letters Patent of the United States is:

1. A stove pipe, comprising a cylindrical section split longitudinally thereof, one edge of the split provided with an outwardly and inwardly turned portion having a downwardly hooked portion beyond the split, the opposite edge of the split provided with an outwardly and inwardly turned portion having an upwardly hooked end beyond the split and adapted to intermesh with the first mentioned portion, and a wedge between the hooked ends and adapted to separate the same for drawing the edges of the split together.

2. A stove pipe, comprising a cylindrical section split longitudinally thereof, one edge of the split portion turned back upon the section for a considerable distance to form a loop, thence turned back over the loop and spaced therefrom and extending beyond the edge of the loop with its edge turned inwardly forming a hook, the other edge turned back upon the section for a considerable distance to form a loop and thence turned back over the loop and spaced therefrom and extending beyond the loop with its edge turned outwardly to form a hook, said edges being intermeshed, and a wedging plate between the hooked edges for separating the same and drawing the edges of the split together.

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