

No. 864,034.

PATENTED AUG. 20, 1907.

B. F. RUDDEROW,
STOVEPIPE.

APPLICATION FILED DEC. 19, 1906.

Fig. 1.

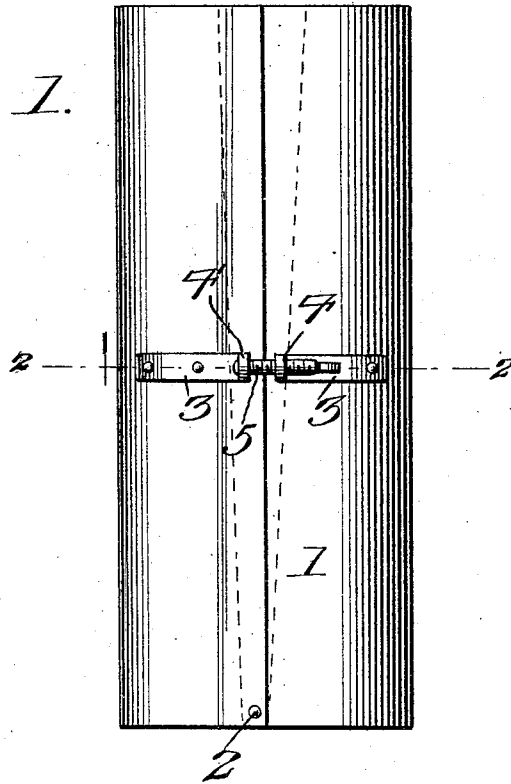
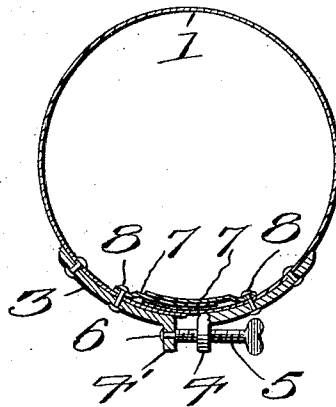


Fig. 2.



Witnesses

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BENJAMIN F. RUDDEROW, OF PAULSBORO, NEW JERSEY.

STOVEPIPE.

No. 864,034.

Specification of Letters Patent.

Patented Aug. 20, 1907.

Application filed December 19, 1906. Serial No. 348,598.

To all whom it may concern:

Be it known that I, BENJAMIN F. RUDDEROW, a citizen of the United States of America, residing at Paulsboro, in the county of Gloucester and State of New Jersey, have invented new and useful Improvements in Stovepipes, of which the following is a specification.

This invention relates to adjustable stove pipes, and the principal object of the same is to provide a stove pipe length which can be adjusted at one end to fit within stove pipe lengths of varying sizes.

Another object is to provide a stove pipe which can be quickly adjusted to fit various sizes of pipes and which shall be comparatively inexpensive to manufacture, and which shall also be strong, durable and easy to adjust.

These and other objects are attained by means of the construction illustrated in the accompanying drawing, in which:—

Figure 1 is a front elevation of an adjustable stove pipe made in accordance with my invention. Fig. 2 is a transverse sectional view on the line 2—2 of Fig. 1.

Referring to the drawing for a more particular description of my invention, the numeral 1 designates a sheet metal pipe, one end of said pipe being pivoted, as at 2, and the opposite end of said pipe being permitted to move in and out to reduce the size of this end of the pipe. It is to be noted that the pivoted edges of the pipe overlap and thus permit one of said edges to pass by the other and to be adjusted within the pipe to a required distance for reducing the size of the end of the pipe opposite the pivot 2.

Secured at a point nearly central to the pipe is a pair of brackets 3, said brackets having bearing lugs 4 and 4' extending outward therefrom, and mounted in these lugs is a thumb screw 5 which is swiveled in the lug 4', as at 6. The threads of the screw 5 fit the threaded portion of the lug 4, and hence when the same is turned the lugs 4, 4' are either separated or brought together, as will be understood. Upon the

inside of the pipe 1 a pair of overlapping guard strips 7 are riveted, as at 8, through the pipe and through the brackets 3. These overlapping guard strips serve to prevent smoke from escaping through the joint in the pipe.

The operation of my invention will be readily understood from the foregoing, and may be briefly described as follows: Assuming that my adjustable pipe may be made in different sizes and that the size shown may represent a six inch pipe at the pivoted end, the opposite end may be reduced in size to a five inch pipe to fit a five inch length at the upper end; or should it be desired to fit the upper end upon the outside of the five inch pipe, this may be readily done. Should it be desired to fit the movable end of my pipe within a seven inch pipe the adjustable end may be spread to this extent.

From the foregoing it will be obvious that my invention is simple in construction, can be produced at slight cost, can be quickly adjusted and will not permit the escape of smoke when connected to other lengths of stove pipes.

Having thus described the invention, what is claimed as new, is:—

1. An adjustable stove pipe having overlapping edges, said edges being pivoted at one end of the pipe, overlapping guard strips secured inside the pipe and extending from end to end thereof, brackets secured to the center of the pipe upon the outside, and a thumb screw for adjusting said brackets for the purpose described.

2. An adjustable stove pipe having overlapping edges pivoted at one end, overlapping guard strips secured within the pipe and extending longitudinally of the joint, brackets secured centrally to the pipe upon the outside, a thumb screw swiveled in one of said brackets and fitting the threads of the other bracket for adjusting the end of the pipe opposite the pivotal point, substantially as described.

In testimony whereof, I affix my signature in presence of two witnesses.

BENJAMIN F. RUDDEROW.

Witnesses:

WILLIAM J. ADAMSON,
MATTHEW E. BAKER.