(No Model.)

N. D. MOREY.

Stove Pipe Collar.

No. 230,040. Patented July 13, 1880.

Fig. 1.

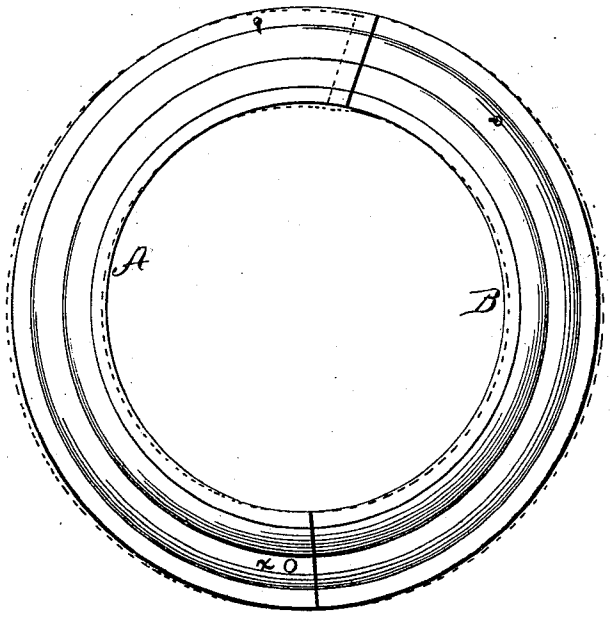


Fig. 2.

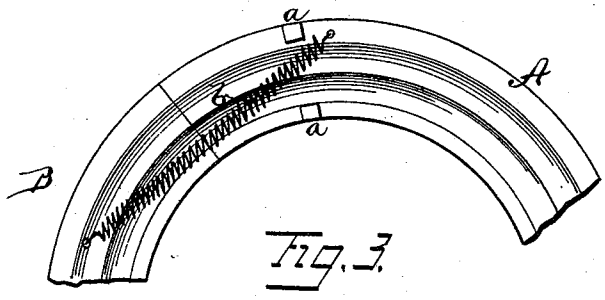
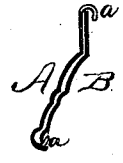


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

NATHAN D. MOREY, OF SARATOGA SPRINGS, NEW YORK.

STOVE-PIPE COLLAR.

SPECIFICATION forming part of Letters Patent No. 230,040, dated July 13, 1880.

Application filed April 22, 1880. (No model.)

To all whom it may concern:

Be it known that I, NATHAN D. MOREY, of Saratoga Springs, in the county of Saratoga and State of New York, have invented certain new and useful Improvements in Stove-Pipe Collars; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification, in which—

Figures 1 and 2 are views of reverse sides of my stove-pipe collar. Fig. 3 is a cross-section through the overlapping ends of the pieces A B.

Stove-pipe is usually sold of different sizes, denominated, from their diameters, "five-inch," "six-inch," &c.; but these sizes of pipe when made frequently vary as much as a quarter of an inch, more or less, from the given size, and a collar made to fit that size of pipe will either hang loosely upon the pipe or will have to be reamed out before it can be forced on, and it is to meet this difficulty that my collar is designed.

The nature of my invention relates to collars for stove-pipes; and it consists in a collar made in two parts pivoted together at one side and adjustably connected at the other, so as to fit pipe which varies somewhat from the given size, as will be hereinafter more fully set forth, and pointed out in the claims.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation.

A and B are two curved plates of sheet metal stamped of any desired configuration. These plates are a little more than half-circles, and their ends are lapped and at one side loosely secured by a rivet, as seen at *x* in Fig. 1.

At the other side the plate A is provided or formed on each edge with a small lug or projection, *a*, which is bent around the sides of the plate B to hold it in place and form guides between which it freely moves.

The ends of the plates A B are prevented from being entirely separated, and are held in close contact with the stove-pipe by means of a spiral spring, *b*, the ends of which may be secured to the plates in any suitable manner, but which I prefer to secure by means of a hook formed upon the end of the spring and passed through a small hole in the plates, as seen in the drawings.

In operation, it is often found that stove-pipe sold as of a specified size varies considerably in diameter, and the ordinary solid collar in common use will either hang loosely on the pipe, leaving an opening on the under side, or will have to be hammered out before it can be forced into place; and this great annoyance is effectually overcome by my invention, as the spring will contract the collar or allow it to be expanded readily to closely fit pipe of a considerable variation.

It is obvious that the gist of my invention does not consist in the number of sections used.

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

1. A stove-pipe collar made in sections and adapted, by means of a spring connecting said parts or sections, to expand or contract to fit pipe varying somewhat from the given size, substantially as herein set forth.

2. The within-described stove-pipe collar made in two parts, A and B, pivoted together at one side, and provided with guide-lugs *a* *a* and a spiral spring, *b*, at the other side, whereby it is expanded or contracted to fit pipe of varying sizes, substantially as herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

NATHAN D. MOREY.

Witnesses:
L. VARNEY,
D. S. GILBERT.