

J. N. WARNER.
STOVEPIPE CONNECTION.

No. 7,372.

Patented May 14, 1850.

Fig. 2.

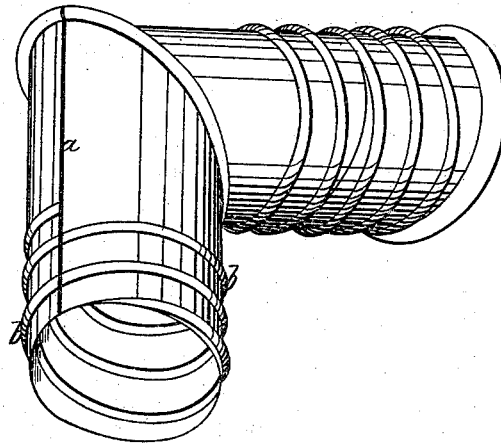
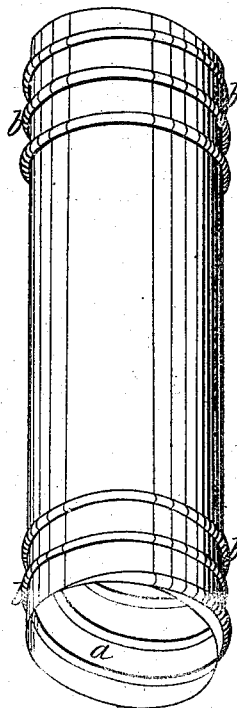


Fig. 1.



UNITED STATES PATENT OFFICE.

JAS. N. WARNER, OF BUFFALO, NEW YORK.

STOVEPIPE.

Specification of Letters Patent No. 7,372, dated May 14, 1850.

To all whom it may concern:

Be it known that I, JAMES N. WARNER, of Buffalo, in the county of Erie and State of New York, have invented or produced a new and useful Article of Manufacture, to wit, an Improved Stovepipe, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, which forms part of this specification and in which—

Figure 1 represents a view in perspective of a length and Fig. 2 a similar view of an elbow of my improved stove pipe.

My invention consists in a pipe composed of lengths upon each extremity of which a worm is swaged; when the pipe is to be put up, the worms of one length are entered by turning into those of the next ones, thus securing the whole together and forming a continuous pipe which can not be accidentally disconnected.

In constructing my stove pipe, a sheet of metal is cut to the proper size and shape for a length, one end being slightly narrower than the other; this sheet is then bent into a tubular form and its edges locked together or otherwise connected to form a seam (*a*); the ends of the length thus formed are submitted to the action of a swage by

which a worm (*b*) is formed as represented in the annexed drawing. In putting these lengths together, the smaller end of the one is applied to the larger end of another, care being taken to enter the worm of the smaller into that of the larger, they are then turned and the worms engaging with each other draw the larger over the smaller until they are sufficiently lapped. Stove pipe constructed in this manner is exempt from the disadvantages incident to that constructed with the common sliding joints, as the pipe when put together is not only stiffer and when in long lengths less liable to sag; but it also obviates the inconvenience and danger incident to the drawing apart of the lengths which accident has been the frequent cause of disastrous fires.

What I claim as my invention and desire to secure by Letters Patent is—

The stove pipe herein described as a new article of manufacture.

In testimony whereof I have hereunto subscribed my name.

JAMES N. WARNER.

Witnesses:

A. B. WARNER,
JAS. G. DAVIS.