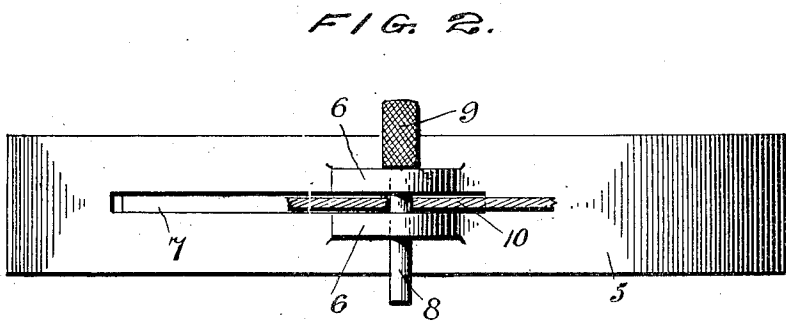
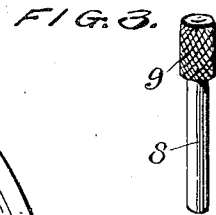
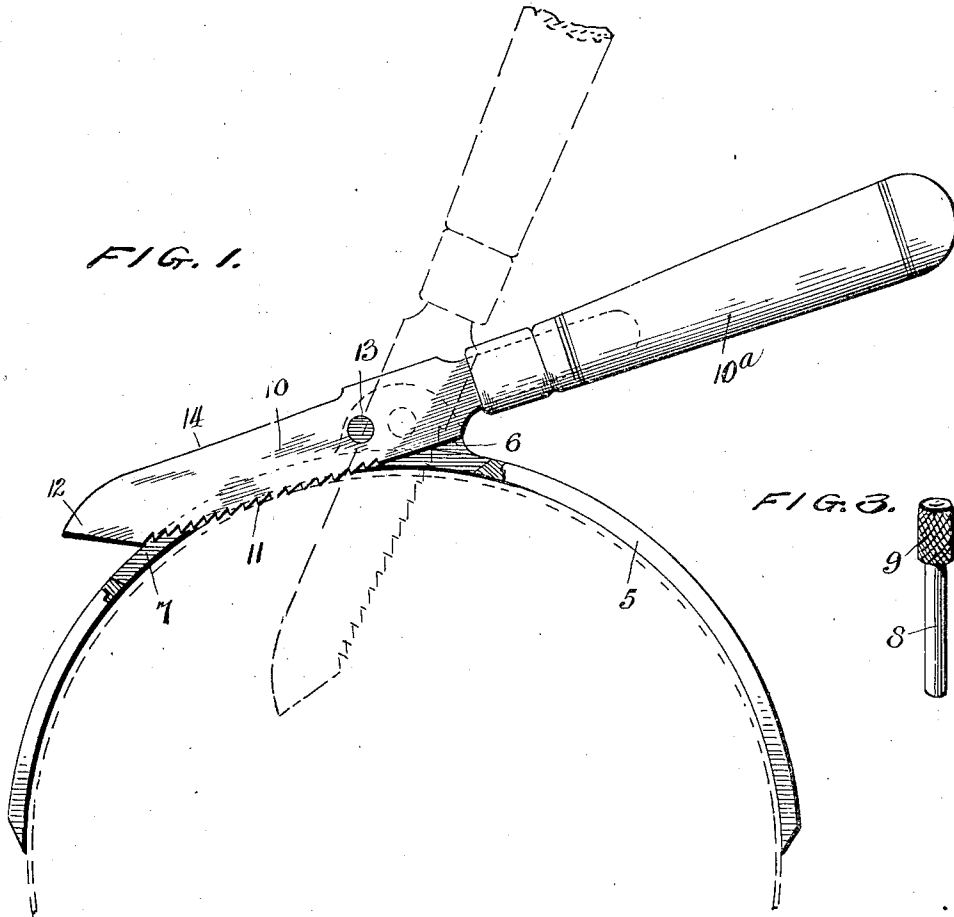


C. H. HANSHUE.
STOVEPIPE CUTTER.
APPLICATION FILED MAY 7, 1909.

936,450.

Patented Oct. 12, 1909.



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STOVEPIPE-CUTTER.

936,450.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES H. HANSHUE, a citizen of the United States, residing at Beloit, in the county of Rock and State of Wisconsin, have invented certain new and useful Improvements in Stovepipe-Cutters, of which the following is a specification.

My invention relates to stove pipe cutters, and my object is to provide a simple and inexpensive device by which stove pipes may be cut to desired lengths, without mashing or otherwise destroying the shape thereof.

My invention is illustrated in the accompanying drawings, forming a part of this specification, and in which,

Figure 1 is a side elevation of my improved device partly broken away and in section. Fig. 2 is a sectional view through a portion of the cutting blade, and illustrating the cutter frame in plan, and, Fig. 3 is a perspective view of the pivot pin.

In the embodiment of my invention as shown, I provide a curved, or more particularly, semi-circular cutter guide frame comprising a curved strip 5, of relatively flat material, provided centrally upon its convex outer surface with spaced parallel upstanding ears 6, one arranged upon each side of a longitudinal slot 7 centrally of said frame, and which ears are provided with alined apertures for the reception of a pivot pin 8, having an enlarged milled head 9 by which it may be readily inserted within, or withdrawn from said openings. A cutting blade 10 is provided with a handle 10^a, and is adapted for insertion between ears 6, to operate upon the stove pipe through the frame slot 7, when said frame is placed upon said pipe a portion of which is illustrated in dotted lines in Fig. 1.

In the initial operation of the device, pivot pin 8 is withdrawn, and blade 10 is freed to be reciprocated between ears 6, with its toothed edge 11 against the stove pipe through slots 7 by which means a slot is sawed in the stove pipe to permit of the insertion of the forward pointed end 12 of said blade downwardly into the pipe to the position shown in dotted lines in Fig. 1.

Inasmuch as the blade is pointed as at 12, it may be of course forced into the pipe without the loss of time incident to saving the slot, but as the forcing of the point into the pipe tends to destroy to a certain extent the shape and the contour of the pipe, it is obvious that the method of sawing is far superior. The pivot pin 8 is then inserted through the apertures of ears 6, and through an aperture 13 in the cutting blade 10, thus mounting said blade for pivotal movement whereby its squared edge 14, opposite its toothed edge 11, may be swung upwardly against the internal surface of the pipe wall, shearing a strip therefrom, between said cutter edge 14 and the longitudinal edges of slot 7 which may be continued entirely around the pipe to sever the same.

From the foregoing, it will be readily apparent that as the cutting operation takes place against the cutter frame, the shape of the pipe is maintained throughout and that the resulting edges will be even and clean cut.

Having fully described my invention, I claim:

In a stove pipe cutter of the character described, the combination with a curved supporting frame provided with a longitudinally arranged slot, and alined ears arranged adjacent to the sides of said slot, of a reversible blade provided upon one edge thereof with teeth, and upon the other edge thereof with a smooth cutting edge, said blade being adapted to operate within said slot, the side of said blade provided with teeth adapted to be used only by a reciprocatory movement of said blade, a readily removable pin arranged upon said ears and serving as a pivot point for said blade when the same is oscillated in the use of the smooth cutting edge, substantially as described.

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

CHARLES H. HANSHUE.

Witnesses:

JOE BREEN,
J. A. LOVE.