

No. 776,673.

PATENTED DEC. 6, 1904.

C. A., C. & H. T. NELSON.
STOVEPIPE.

APPLICATION FILED MAY 9, 1904.

NO MODEL.

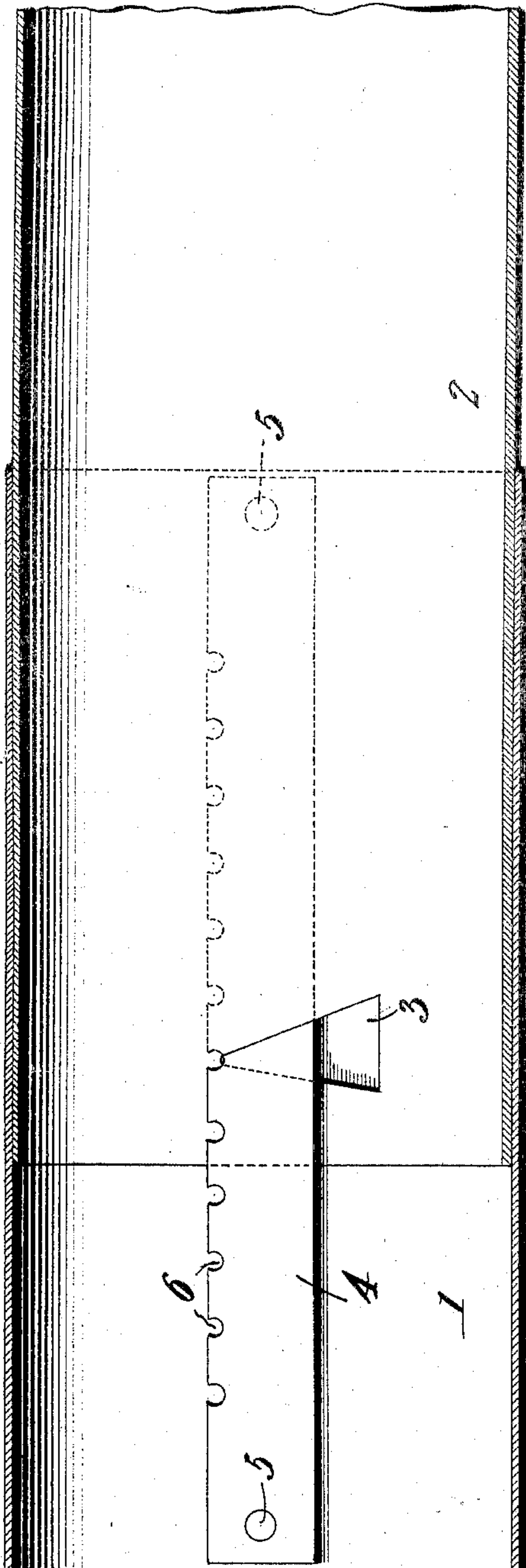


Fig. 1.

Fig. 3.

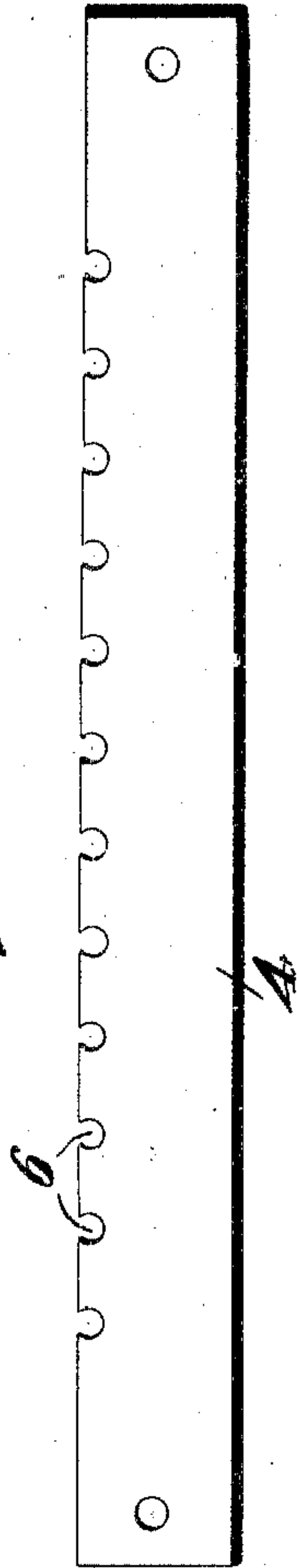
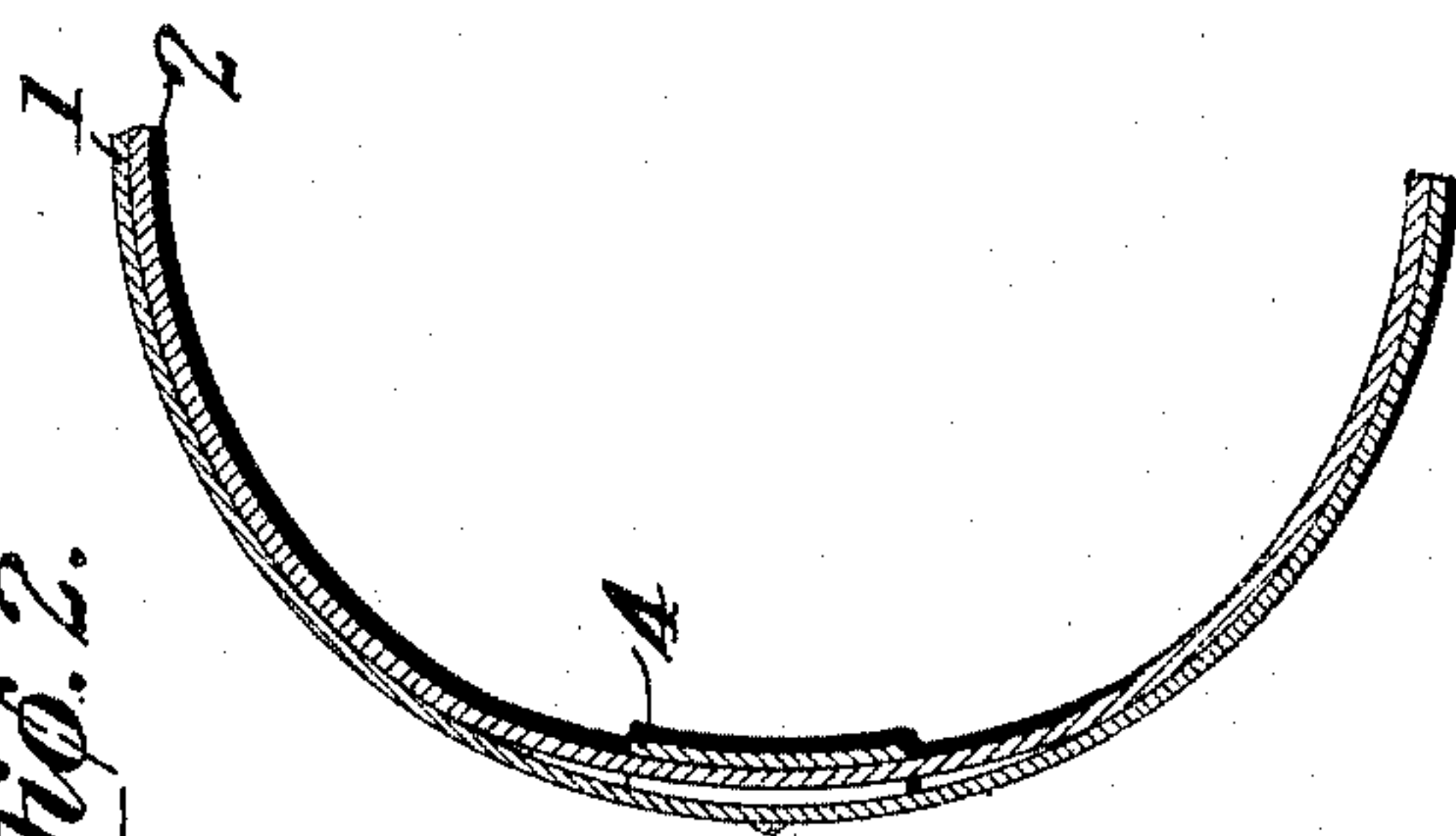


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

CARL ALBERT NELSON, CARL NELSON, AND HARRY T. NELSON, OF
BROOTEN, MINNESOTA.

STOVEPIPE.

SPECIFICATION forming part of Letters Patent No. 776,673, dated December 6, 1904.

Application filed May 9, 1904. Serial No. 207,159. (No model.)

To all whom it may concern:

Be it known that we, CARL ALBERT NELSON, CARL NELSON, and HARRY T. NELSON, citizens of the United States, residing at Brooten, in the county of Stearns and State of Minnesota, have invented a new and useful Stovepipe, of which the following is a specification.

This invention relates to adjustable stovepipes.

The objects of the invention are to improve, simplify, and cheapen the construction of such pipes.

With these objects in view the invention comprises an inner pipe-section having a triangular opening therein and an outer pipe-section having a notched metallic strip extending longitudinally along its inner wall and attached thereto at its ends, the strip intermediate its ends passing through the opening in the inner section in such manner that by turning said inner section one way it engages the notched strip and becomes locked against longitudinal movement and by turning it the other way it becomes unlocked and may be adjusted longitudinally within the outer section.

The invention will be more clearly understood from the following detail description, in connection with the accompanying drawings, forming part of this specification, wherein—

Figure 1 is a longitudinal section of a pipe constructed in accordance with the invention. Fig. 2 is a transverse sectional view of a portion of the same. Fig. 3 is a detail view of the notched strip.

The reference-numeral 1 indicates a large pipe-section, into which is fitted a smaller pipe-section 2. Formed in the pipe-section 2, preferably near one end thereof, is an opening 3, shown in the present case as triangular in form.

A strip 4 of metal is attached to the interior of the pipe-section 1 by any suitable means—such, for example, as rivets 5. One edge of the strip 4 is smooth, whereas the other is

formed with a plurality of notches 6, situated at suitable intervals apart. The strip 4 extends for a part of its length along between the inner surface of the pipe 1 and the outer surface of the pipe 2 and then passes through the triangular opening in the pipe 2 and out through the end of said pipe.

It will be observed that one acute angle of the triangular opening in the pipe 2 is next to the notched side of the strip 4. By turning the pipe 2 in the pipe 1 so that the edges of the triangular opening 3 engage in one of the notches 6 of the strip 4 said pipe 2 is locked securely against longitudinal movement in the pipe 1. By turning said pipe 2 in the opposite direction the tapered side of the triangular opening 3 becomes disengaged from the notch in the strip, and it then is possible to move the pipe 2 longitudinally within the pipe 1.

In manufacturing the device the strip 4 is first notched and perforated and the opening 3 formed in the inner pipe-section 2. One end of the strip is then riveted or otherwise secured to the outer pipe-section, and the inner pipe-section is introduced within the latter and moved lengthwise thereof in order to permit the passage of the strip through the opening 3. The opposite end of the strip is then riveted to the outer pipe-section.

The adjustable pipe of this invention is simple and inexpensive in construction and thoroughly practical in use. Furthermore, the nature of the invention is such that it may be applied readily to all pipes, this operation requiring only the cutting of the triangular or tapered opening in the inner pipe and the attaching of the notched strip to the outer pipe, as described.

Changes in the particular arrangement of parts and precise details of construction may be made within the scope of the following claim without departing from the spirit of the invention.

Having thus fully described the invention, what is claimed is—

5 An adjustable pipe comprising two telescopically - arranged pipe - sections, the inner of which has an opening, and a notched strip extending through the opening and through one end of the inner pipe-section, the opposite ends of the strip being secured to the outer pipe-section.

In testimony that we claim the foregoing as ^{to} our own we have hereto affixed our signatures in the presence of two witnesses.

CARL ALBERT NELSON.

CARL NELSON.

HARRY T. NELSON.

Witnesses:

JULIUS SYVERSON,
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