

No. 755,679.

PATENTED MAR. 29, 1904.

B. H. LARKIN.

SHEET METAL BAND FOR PIPE COVERINGS OR OTHER LIKE PURPOSES.

APPLICATION FILED JAN. 14, 1904.

NO MODEL.

Fig. 1

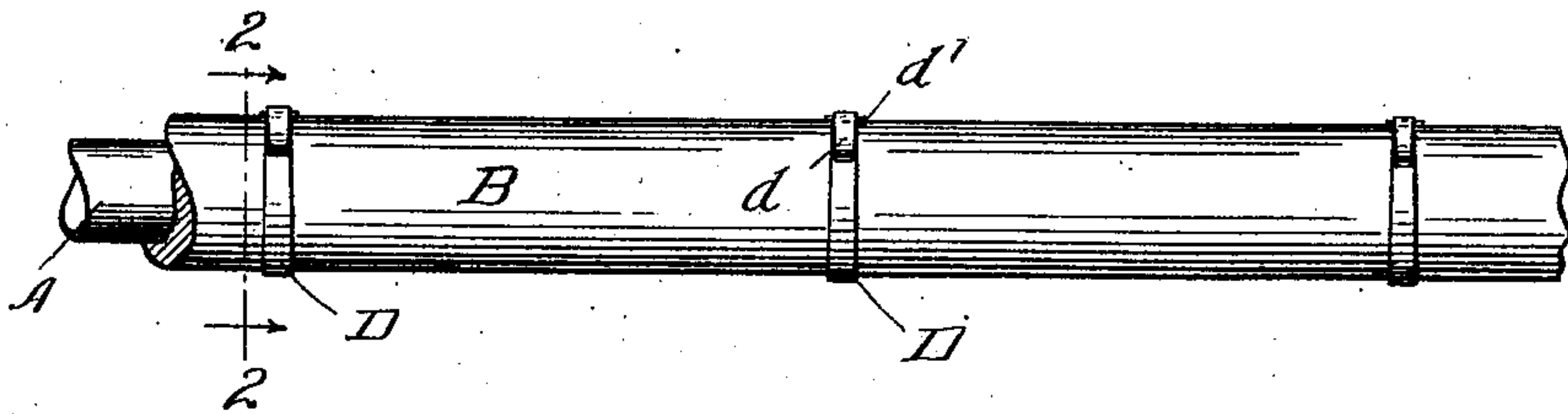


Fig. 2

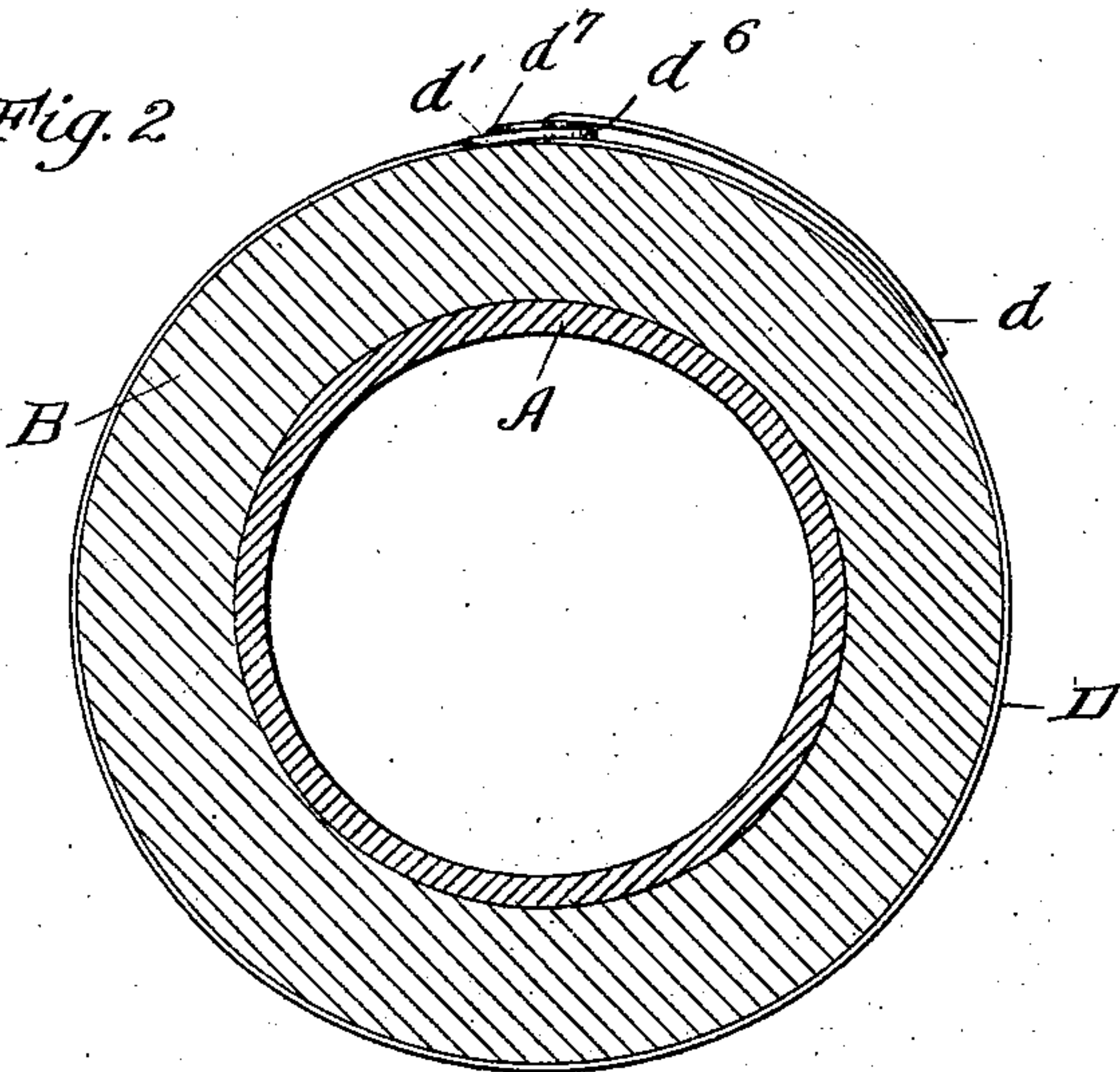


Fig. 3

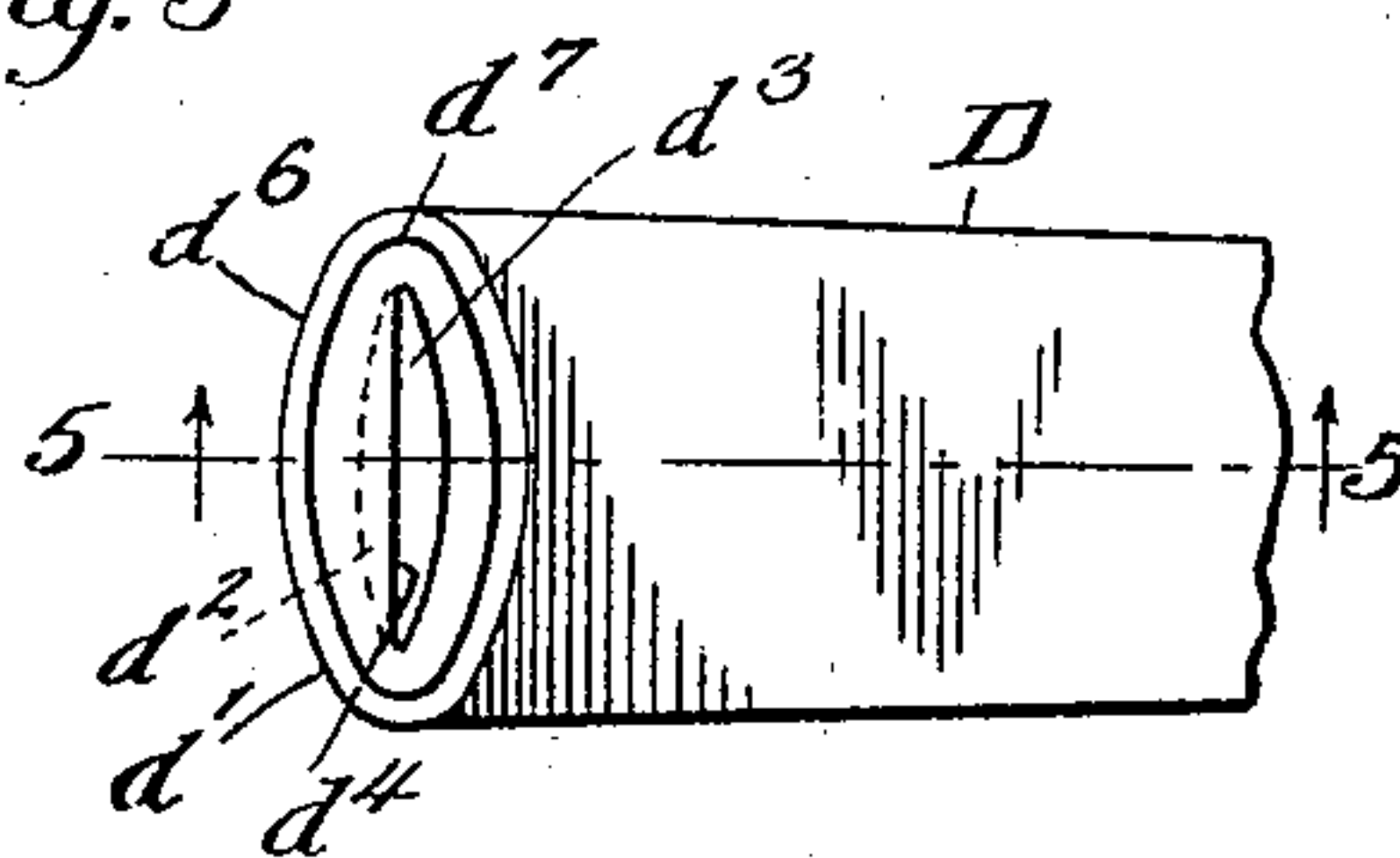


Fig. 5

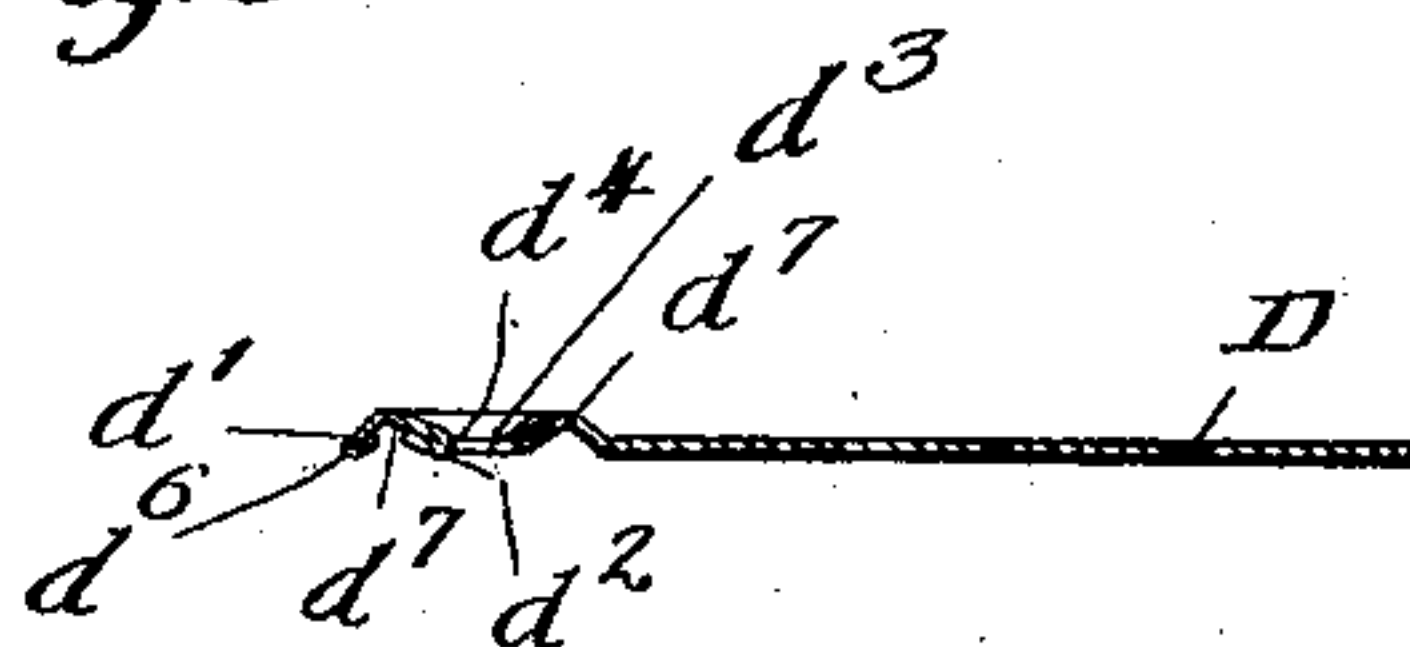
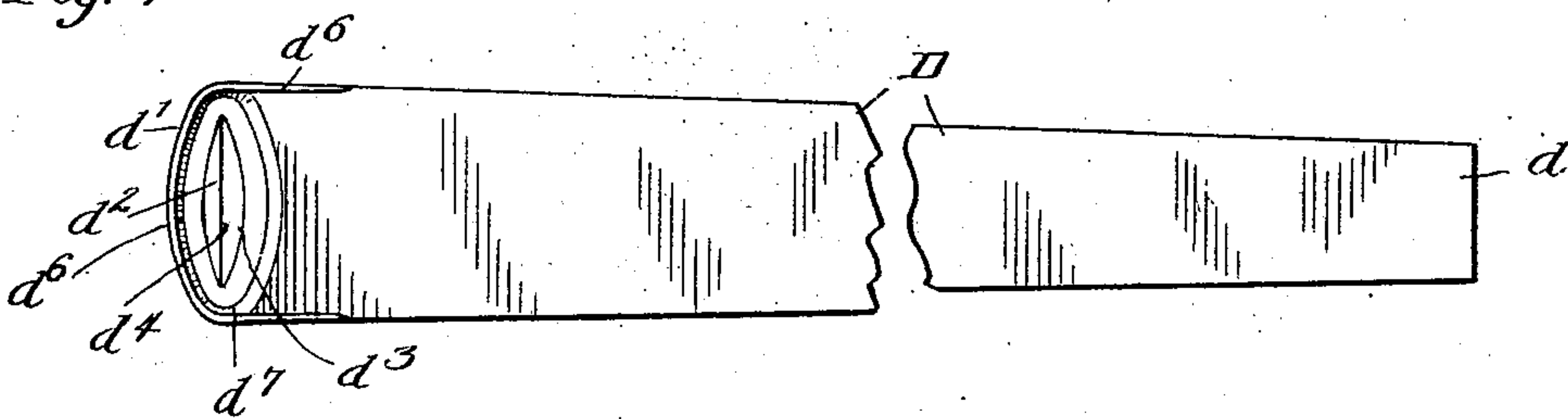


Fig. 4



Witnesses:

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UNITED STATES PATENT OFFICE.

BERNARD H. LARKIN, OF AUSTIN, ILLINOIS, ASSIGNOR TO AMERICAN CAN COMPANY, OF JERSEY CITY, NEW JERSEY, A CORPORATION OF NEW JERSEY.

SHEET-METAL BAND FOR PIPE-COVERINGS OR OTHER LIKE PURPOSES.

SPECIFICATION forming part of Letters Patent No. 755,679, dated March 29, 1904.

Application filed January 14, 1904. Serial No. 188,971. (No model.)

To all whom it may concern:

Be it known that I, BERNARD H. LARKIN, a citizen of the United States, residing in Austin, in the county of Cook and State of Illinois, have
5 invented a new and useful Improvement in Sheet-Metal Bands for Pipe-Coverings or other Like Purposes, of which the following is a specification.

My invention relates to improvements in
10 sheet-metal bands for pipe-coverings and for other like purposes.

Heretofore sheet-metal bands for holding pipe-coverings in place have ordinarily consisted of a long thin sheet-metal strip furnished with a wire loop at one end through
15 which the other end of the sheet-metal band may be inserted and folded over after being drawn tight around the pipe-covering, this wire loop being secured to the strip by folding the strip over the loop and inserting a
20 rivet through the folded ends of the sheet-metal strip. This involves considerable expense for the wire loops and in the labor necessary for attaching the same.

25 The object of my invention is to provide a sheet-metal pipe-covering band of a strong, simple, and efficient construction, which may be made out of one piece and more cheaply manufactured.

30 My invention consists in the means I employ to accomplish this result—that is to say, it consists in a sheet-metal band for pipe-coverings having one end slightly wider than the other and its wider end furnished with a
35 curved transversely-extending slit, the slitted portion having a straight fold upon itself to form an opening for the insertion of the other end of the band-strip and to form a straight smooth bearing for such inserted free end, so
40 that it may be drawn tight and then folded as required. This folded slitted portion also strengthens the integral loop thus formed at the wider end of the band-strip, and the integral loop is also further strengthened and
45 prevented from tearing by a narrow hem or fold which is formed in the sheet metal around the same.

In the accompanying drawings, forming a part of this specification, Figure 1 is an elevation of a horizontal pipe and its covering
50 provided with my invention. Fig. 2 is a cross-section on line 2 2 of Fig. 1. Figs. 3 and 4 are plan views of the strip looking from opposite sides. Fig. 5 is a section on line 5 5
55 of Fig. 3.

In the drawings, A represents the pipe, B the pipe-covering which is wrapped around the same, and D D are sheet-metal bands for holding the pipe-covering in place. Each of these bands consists of a long thin strip of
60 sheet metal having a free end d slightly narrower than its loop end d' . The loop end d' is provided with an integral loop d^2 , which is formed by providing the loop end with a curved transversely-extending slit d^3 , and then folding
65 the curved slitted portion d^2 on the straight transverse line d^4 , thus giving the eye or transverse opening of the loop a straight and smooth or rounded bearing d^4 by reason of the fold d^2 for the free end of the strap to bear and
70 slip against when it is inserted in the eye or opening of the loop. To further strengthen the integral loop, the loop end of the strap is furnished with a marginal hem or integral fold d^6 , which prevents any tendency of the
75 loop to break or tear. To still further strengthen the loop, it is preferably provided with a surrounding bead or depression d^7 .

I claim—

1. A pipe-covering band consisting of a
80 long thin strip of sheet metal, having an integral loop at one end formed by a curved transversely-extending slit, the slitted portion having a fold therein to give a smooth rounded bearing for the free end of the band, substantially as specified. 85

2. A pipe-covering band consisting of a long thin strip of sheet metal having an integral loop at one end formed by a curved transversely-extending slit, the slitted portion having
90 a fold therein to give a smooth rounded bearing for the free end of the band, and the loop end of the band having a marginal hem or fold, substantially as specified.

3. The pipe-covering band D having at its loop end a transversely-extending curved slit and a folded portion d^2 , substantially as specified.

5 4. The pipe-covering band D having at its loop end a transversely-extending curved slit and a folded portion d^2 , said loop end having

also a marginal fold or hem d^6 , substantially as specified.

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Witnesses:

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