

(No Model.)

J. DRUM.
CLOTHES DRIER.

No. 542,556.

Patented July 9, 1895.

Fig: 1.

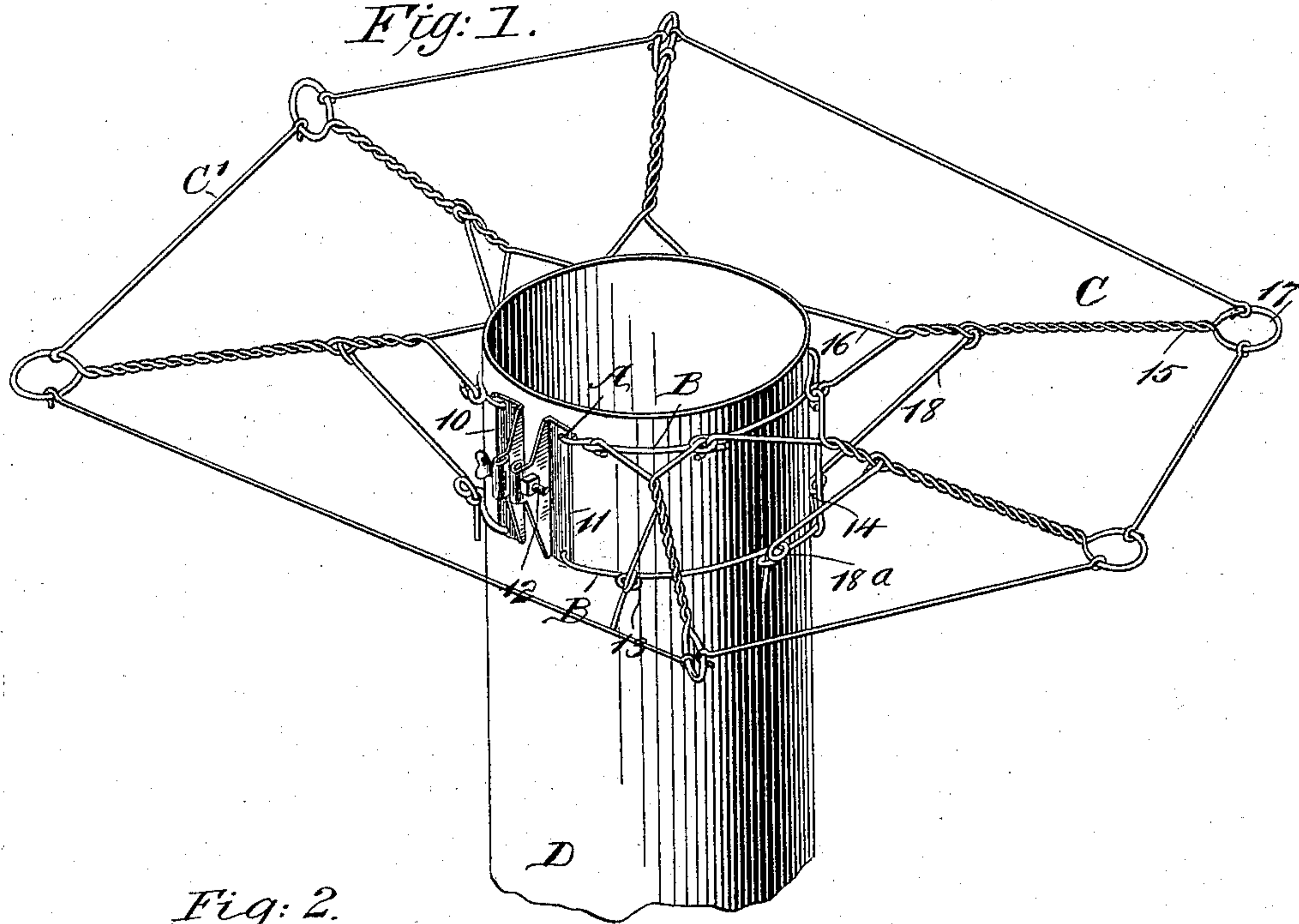


Fig: 2.

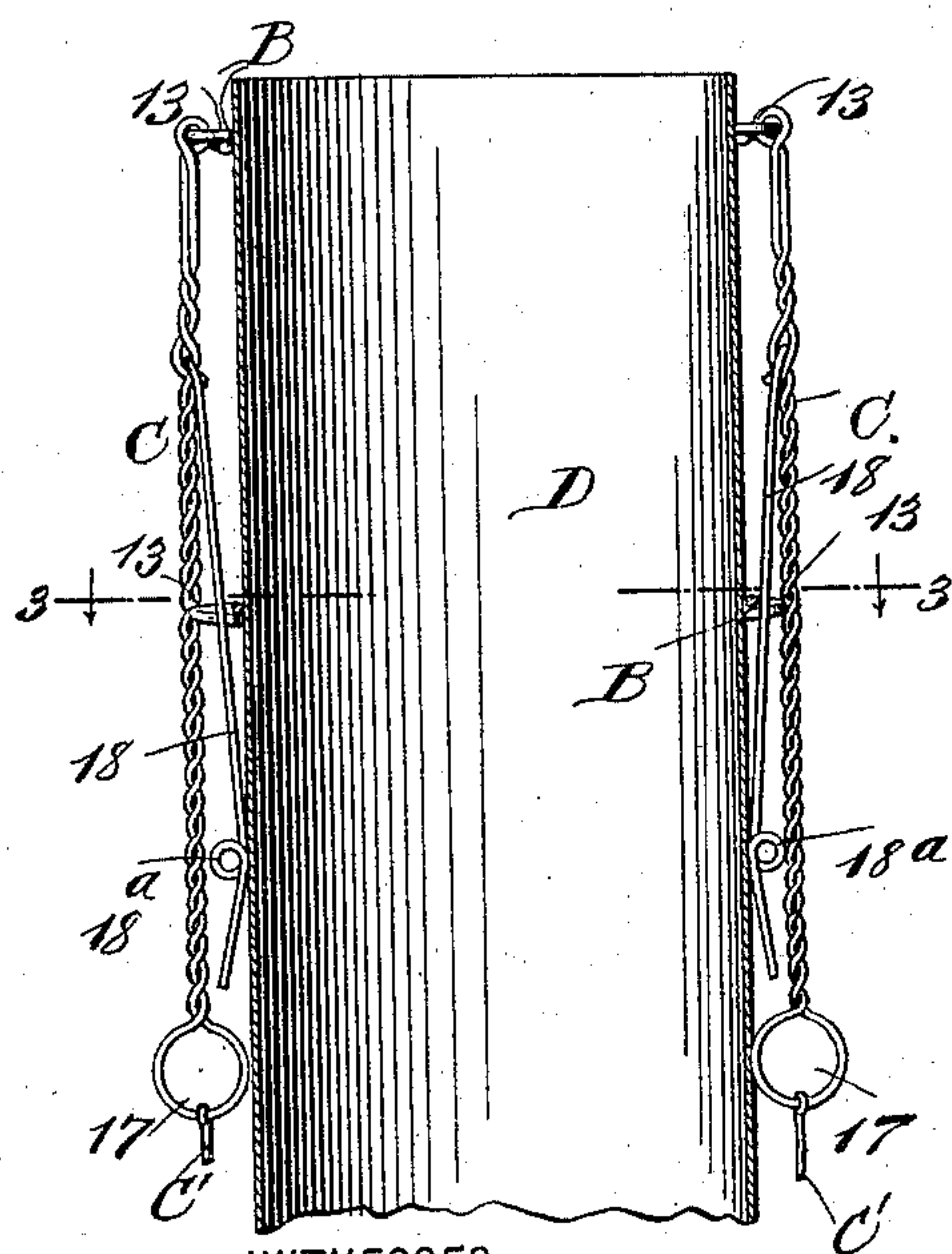
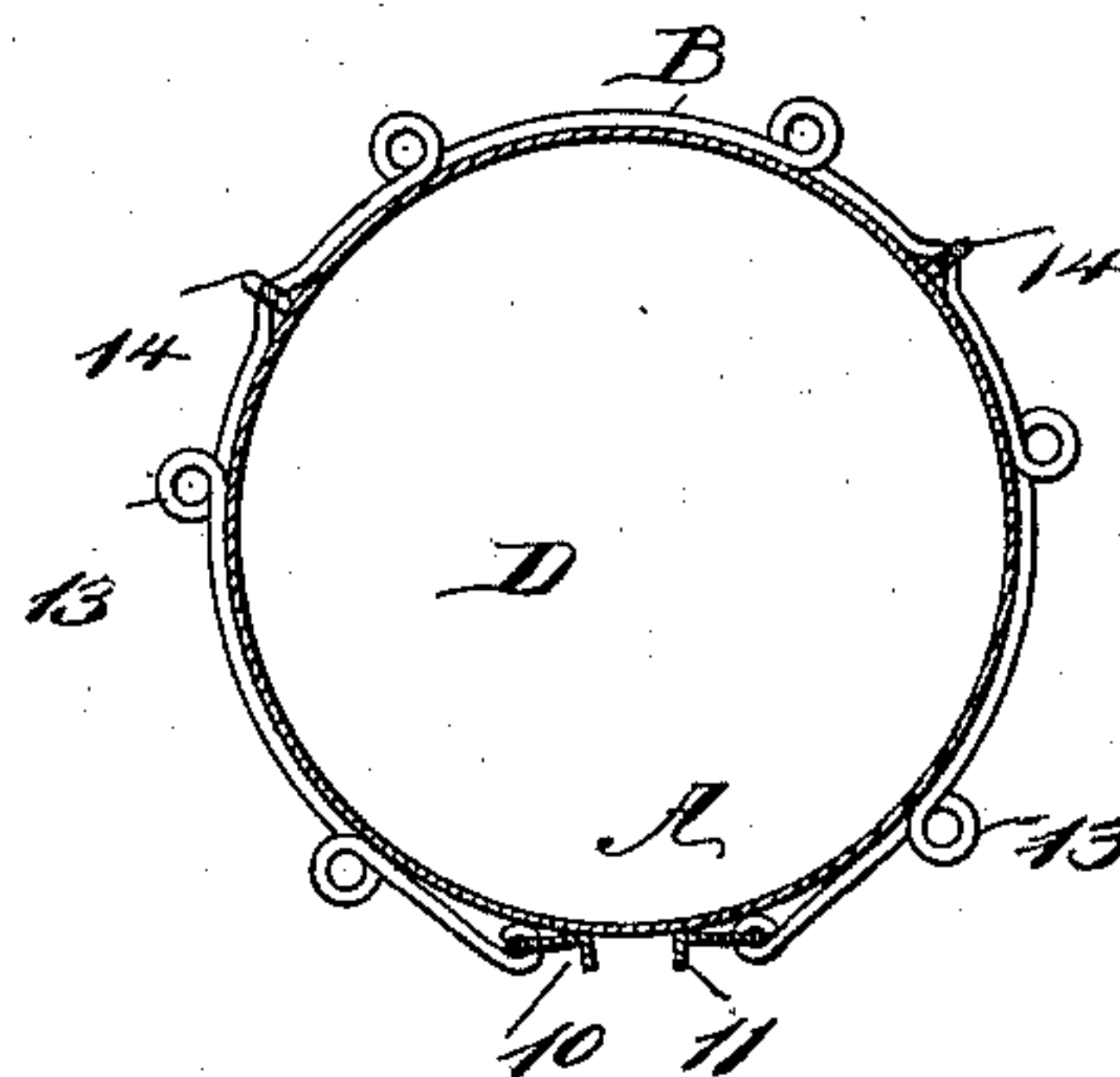


Fig: 3.



WITNESSES:

John A. Rennie
Fred. A. Rennie

INVENTOR

J. Drum
BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN DRUM, OF SPOKANE, WASHINGTON.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 542,556, dated July 9, 1895.

Application filed May 24, 1894. Serial No. 512,291. (No model.)

To all whom it may concern:

Be it known that I, JOHN DRUM, of Spokane, in the county of Spokane and State of Washington, have invented a new and Improved Clothes-Drier, of which the following is a full, clear, and exact description.

My invention relates to a clothes-drier; and it has for its object to provide such a device which may be conveniently and expeditiously secured to a stovepipe, and the heat of the pipe be thereby utilized for drying the articles placed on the drier; and the invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the drier applied to a stovepipe and in position to receive clothes. Fig. 2 is a vertical section through the stovepipe and drier, the arms of the drier being shown as folded down parallel with the pipe and out of the way; and Fig. 3 is a transverse section taken practically on the line 3 3 of Fig. 2.

In carrying out the invention the body of the drier consists practically of a clamp A and bands B, carried by the clamp. The clamp A comprises two members 10 and 11, preferably angular in cross-section, their outwardly-extending portions being connected by means of a thumb-screw 12, as shown in Fig. 1, or a bolt and nut. The bands B are preferably two in number and are connected with the inner members of the clamps, extending from one of such clamp members to the other, and the bands, while they may be made of strips of metal, are preferably made of a stout wire, in which loops or eyes 13 are formed at predetermined intervals apart. The loops or eyes in the upper band are greater in number than those in the lower band, and usually a loop or eye in the lower band will be located between two adjoining eyes on the upper band. In order that the bands may be braced properly, tie-rods 14 are made to connect them, one or more being employed.

The arms C, upon which the clothes are to be hung, are preferably made of wire, twisted upon itself to form a body-section 15, the wire being carried in opposite directions at the inner end of the arm, forming thereby a bifurcated shank 16, and preferably each arm is made to terminate in a loop 17, or its outer end is otherwise enlarged. The arms are connected with the body of the drier by pivotally connecting the members of the shanks of the arms with adjoining eyes 13 in the upper body-band, and each arm is provided with a brace 18 pivotally connected therewith, and these braces have their free ends so shaped that they may be entered into the eyes 13 of the lower body-band, a suitable stop 18^a being formed upon each brace to limit its entrance into the eye or socket 13 prepared to receive it.

The several arms C may be connected by bars C' to increase the clothes-carrying capacity of the device. Each of the bars C' may be pivoted at one end to a loop 17 and provided at the other end with a hook to engage another loop 17. Thus it will be observed that by carrying the arms to a horizontal position and placing the braces 18 in the eyes or sockets 13 of the upper body-band they will be held in this position and will support any articles placed upon them to be dried, whereas, when any of the arms are not needed, by disengaging the braces 18 from the body-band the arms will drop to the vertical position shown in Fig. 2 and out of the way. In placing the device upon the stovepipe D, which is preferably employed as a support for the device, the bolt 12 is disengaged from one member of the clamp, the bands are carried around the pipe, and then the two clamp members are secured together by the bolt in a manner to hold the body-bands firmly in engagement with the pipe. In this manner a drier may be placed upon any stovepipe and the heat from the stove be utilized for drying the clothes, and when the drier is not needed for use it will be entirely out of the way.

It will be understood that when it is desired to fold the drier the ends of the bars C' are unhooked from the corresponding loops 17.

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

1. A clothes drier, the same consisting of body bands provided with sockets therein, and a clamp each member of which forms a connection between the corresponding super-
5 posed ends of the bands, the said clamp being adapted to unite the opposing ends of the bands in clamping engagement with a support, arms pivotally connected with the upper band, and braces pivotally connected with the
10 arms and adapted to enter the sockets in the lower body band, as and for the purpose set forth.

2. A clothes drier, the same consisting of bands, a clamp connecting the bands, the
15 bands being provided with sockets formed therein, arms adapted to carry the clothes, having their inner ends bifurcated and pivotally connected with one of the bands, braces connected with the arms and adapted to enter
20 the sockets in the next lower band, and stops located upon the braces, whereby their pas-

sage in the sockets is limited, as and for the purpose set forth.

3. A clothes drier adapted to be attached to a stove pipe or like support, the same con- 25
sisting of a clamp made in two sections, bands attached at their ends to the members of the clamp, being provided with sockets located at intervals apart thereon, arms adapted to support clothes, and pivotally connected with the
30 upper band, bars connecting the arms and braces pivotally connected with the arms, provided with stops and having their lower ends shaped to enter the sockets in the lower
35 band, holding the arms at that time in a horizontal position, substantially as shown and described.

JOHN DRUM.

Witnesses:

M. MORRISON,

GEO. W. DERRICK.