

No. 675,747.

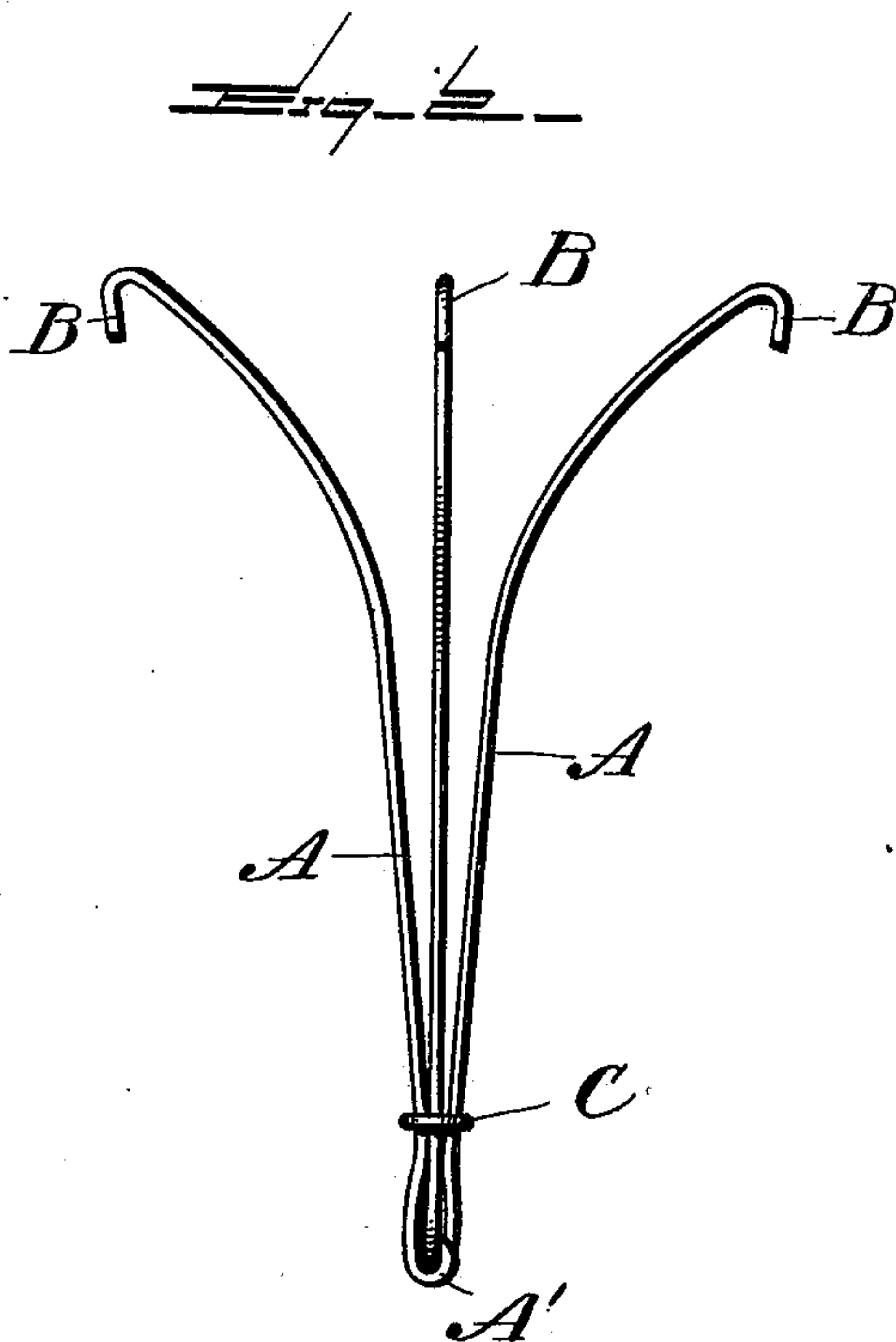
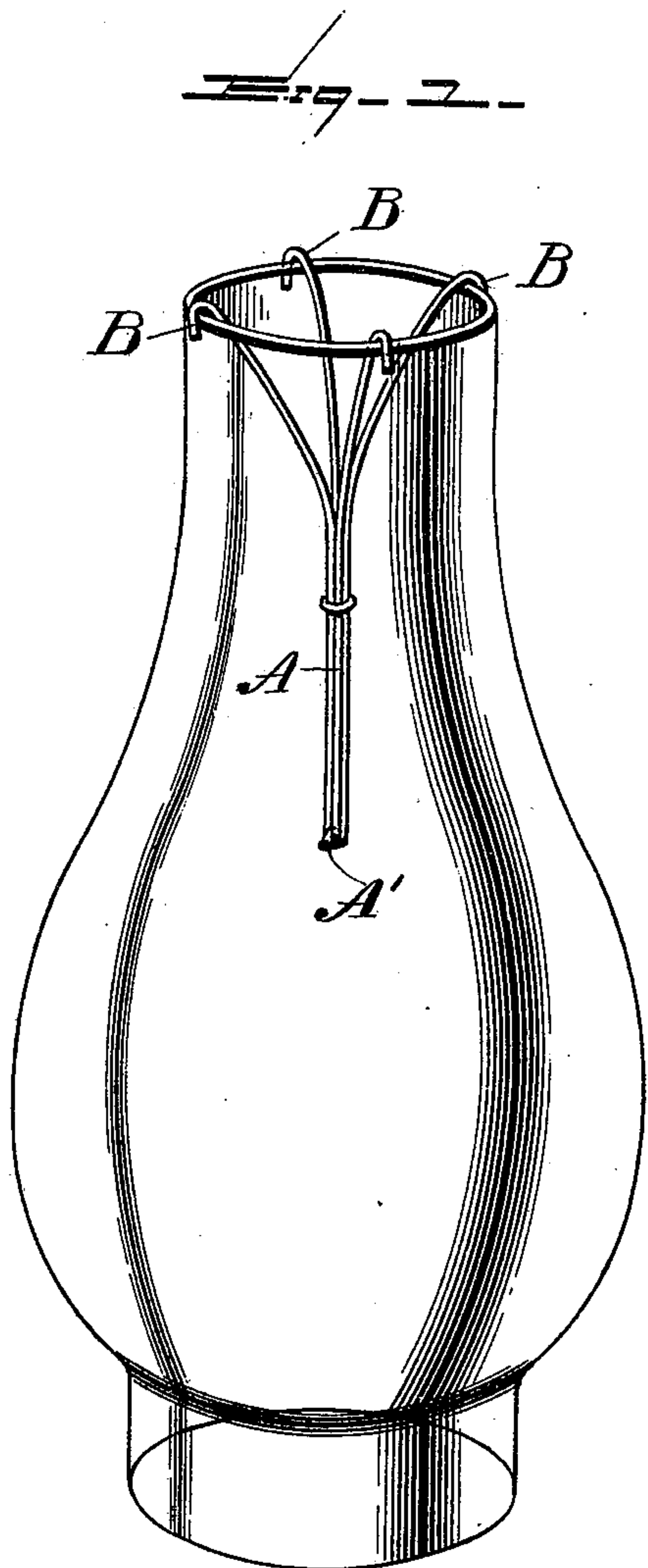
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Patented June 4, 1901.

DEVICE FOR PREVENTING LAMP CHIMNEYS FROM BREAKING.

(Application filed Apr. 6, 1901.)

(No Model.)



WITNESSES:
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UNITED STATES PATENT OFFICE.

GEORGE A. LOYD, OF LOVELAND, COLORADO.

DEVICE FOR PREVENTING LAMP-CHIMNEYS FROM BREAKING.

SPECIFICATION forming part of Letters Patent No. 675,747, dated June 4, 1901.

Application filed April 6, 1901. Serial No. 54,702. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. LOYD, a citizen of the United States, residing at Loveland, in the county of Lorimer and State of Colorado, have invented certain new and useful Improvements in Devices for Preventing Lamp-Chimneys from Breaking; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in devices for preventing the breaking of lamp-chimneys; and it consists of wires which are bent upon themselves at their longitudinal centers, twisted together, and their ends, which are outwardly bent, being formed into hooks, which engage over the upper end of the chimney, while the shank portion of the device extends down centrally in the chimney, the arms of the wires being flexible and held in any adjusted position to fit chimneys of various sizes by means of a sliding ring.

The invention will be hereinafter more fully described and then specifically defined in the appended claims, and is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which—

Figure 1 is a perspective view of a chimney, showing the device adjusted within same and suspended from the top thereof. Fig. 2 is an enlarged detail view of the wires, which are bent at their longitudinal centers and twisted together, the sliding ring being shown at its lowest limit and the hooked arms distended.

Reference now being had to the details of the drawings by letter, A A designate two wires made of flexible metal, each wire being bent upon itself at its longitudinal center, one of said wires being bent or twisted, as at A', about the second wire at the point where the latter is bent upon itself. The two wires being thus fastened together at their middle por-

tions have their arms outwardly bent and are provided with hooks B at their ends. These arms may be contracted toward the center of the chimney and held in any position to fit chimneys of different sizes by means of the sliding ring C, which when at its lowest limit or near the center or middle of the wires allows the arms to assume their farthest outward limits, as shown in Fig. 2 of the drawings. By pushing the ring upward it will be observed that the hooked ends of the wires will be forced toward the center of the chimney and be adjusted to fit various sizes of chimneys and be held to the top of the chimney by the elasticity of the wires.

By the provision of a device of this character the chimneys will be allowed to cool off gradually by reason of the wires retaining the heat for a longer period than the glass, which without the device would cool quickly and frequently cause the glass to crack.

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

1. A device for preventing chimneys from breaking, consisting of two flexible wires which have hooked ends and bent upon themselves at their longitudinal centers and fastened together, and means for holding the free hooked ends of the wires in adjusted positions to fit chimneys of different sizes, as set forth.

2. A device for preventing lamp-chimneys from breaking consisting of two wires which are bent upon themselves at their longitudinal centers, one wire being twisted about the other at its center or middle portion, the arms of the wire, which are flexible being outwardly disposed and having hooked ends, combined with a sliding ring mounted on the shank portions of said wires to hold the hooks in various adjusted positions, as set forth.

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

GEORGE A. LOYD.

Witnesses:

A. S. BENSON,

A. V. BENSON.