

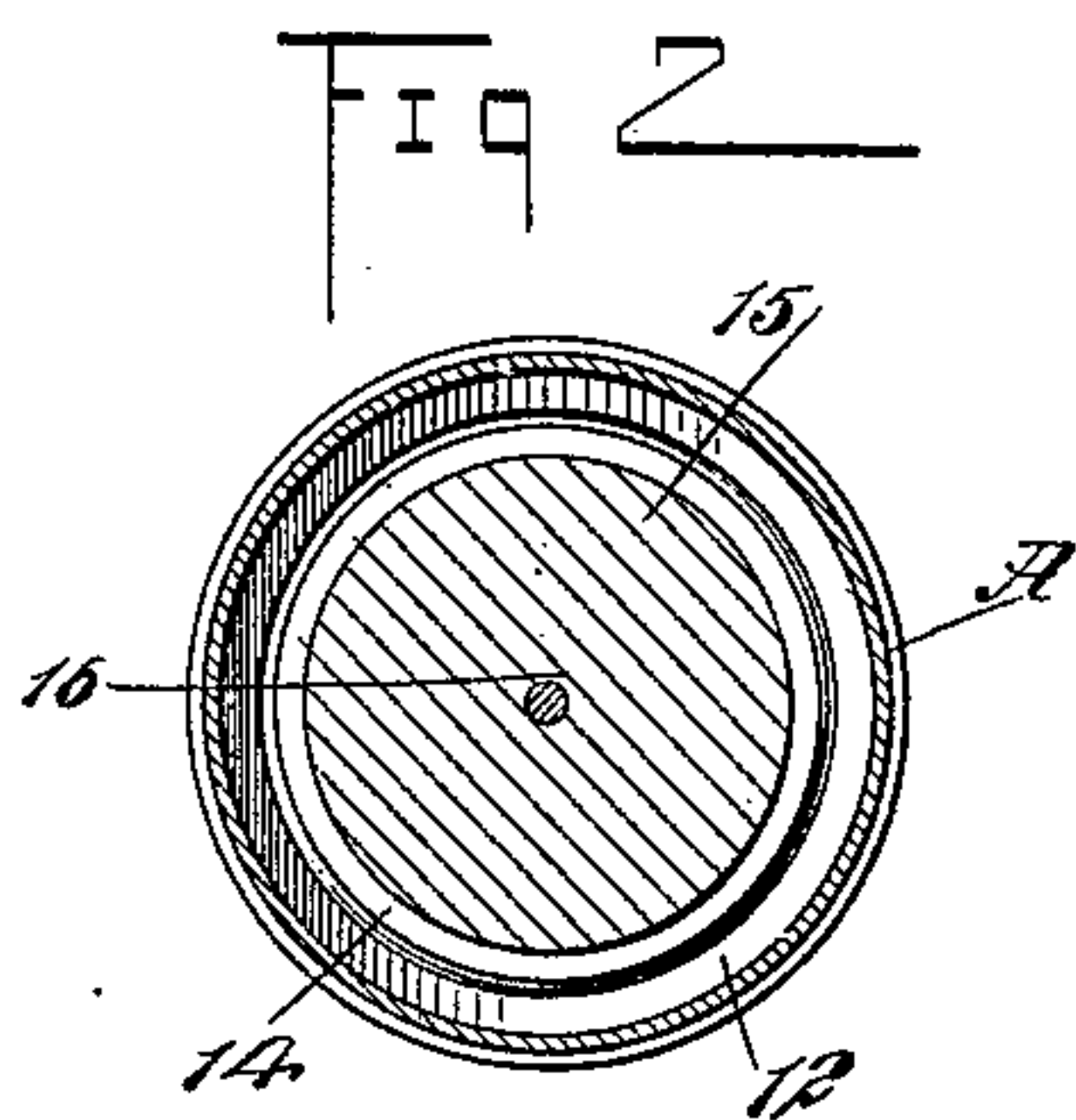
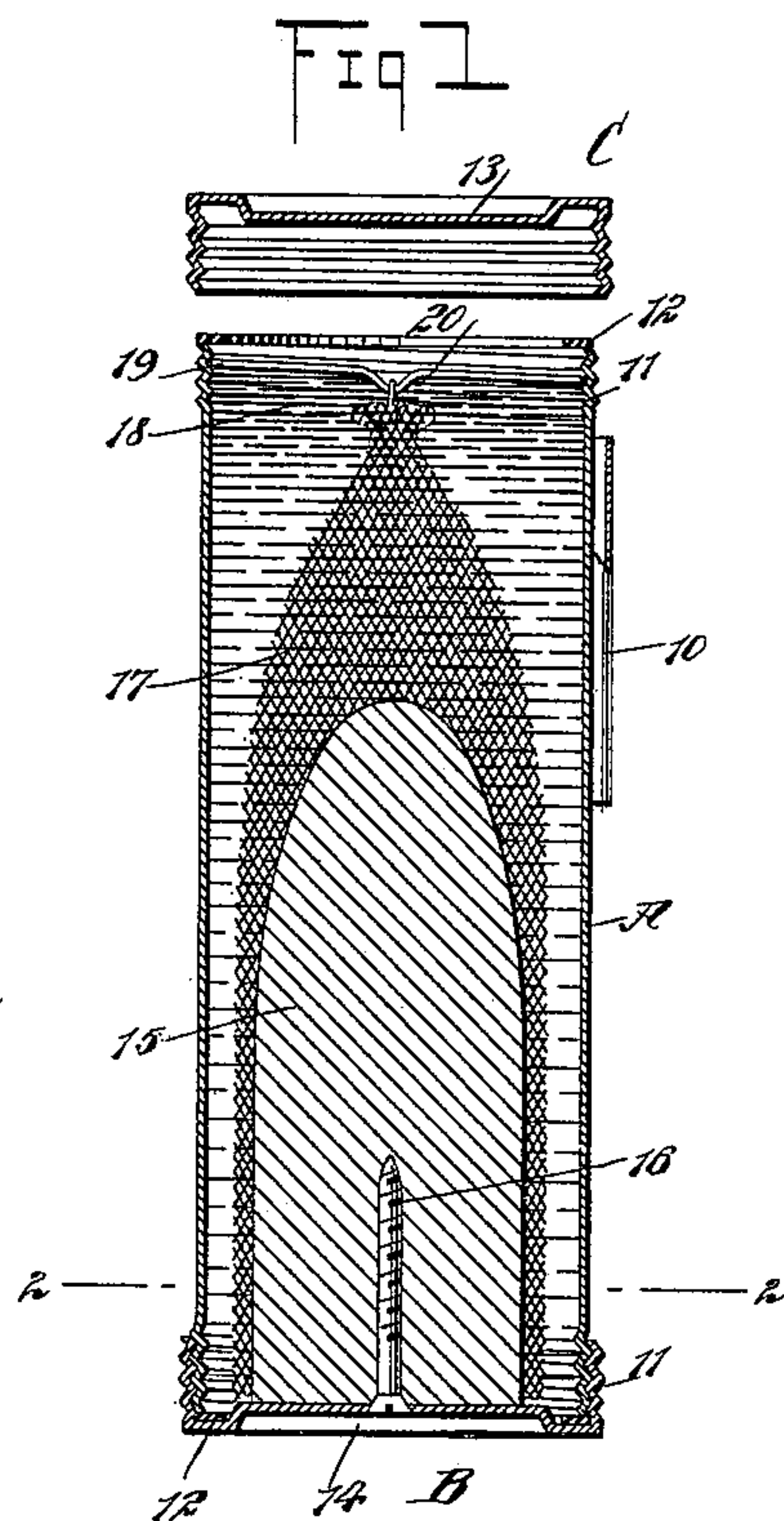
No. 631,689.

Patented Aug. 22, 1899.

H. ANHALTZER.  
PACKAGE FOR INCANDESCENT MANTLES.

(Application filed May 8, 1899.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

HENRY ANHALTZER, OF NEW YORK, N. Y.

## PACKAGE FOR INCANDESCENT MANTLES.

SPECIFICATION forming part of Letters Patent No. 631,689, dated August 22, 1899.

Application filed May 8, 1899. Serial No. 715,985. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY ANHALTZER, of the city of New York, borough of Manhattan, in the county and State of New York, have  
5 invented a new and Improved Package for Incandescent Mantles, of which the following is a full, clear, and exact description.

The object of my invention is to provide a package especially adapted to facilitate the  
10 transportation and storage of incandescent mantles and to so construct the said package that the mantles may be placed therein in condition to be used upon the burners without special preparation.

15 A further object of the invention is to construct such a package in a manner that will be simple and economic and to provide means for effectually preventing the mantle from moving in any direction after the package  
20 has been sealed.

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.

25 Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both figures.

30 Figure 1 is a longitudinal vertical section through the improved package, the top being raised; and Fig. 2 is a transverse section taken practically on the line 2 2 of Fig. 1.

A cylindrical casing A is provided, which casing is preferably made of metal and is provided upon its outer surface with a longitudinal tube 10, adapted to hold the supporting-  
35 wire for the mantle. The casing A is open at both of its ends and at each end a thread 11 is produced. A bottom cap B is provided  
40 for the casing, likewise a top cap C, and both of these caps are adapted to be screwed on the threaded surface of the casing and engage with suitable washers or gaskets 12, so  
45 as to render the entire package perfectly liquid-tight. The central portion 13 of the top cap is indented or depressed, while the central portion 14 of the lower cap is struck upward, as is clearly shown in Fig. 1. A cone  
50 15, which may be of wood or any desired material, is secured to the struck-up portion of the bottom cap by means of a screw 16; but

other means for attachment of the cone may be employed.

An incandescent mantle 17 is prepared to be placed directly upon the burner, with the  
55 usual loop 18 at the top, and a supporting-bar 19 is employed in connection with the mantle, the said supporting-bar being sprung into the upper portion of the casing A, and the supporting-bar is also provided with a depressed  
60 central part 20, that receives the loop 18 of the mantle 17, while the lower portion of the mantle is around the cone 15. Prior to placing the mantle in position in the package the bottom cap is screwed to place, and after the  
65 mantle has been placed in position the casing is filled with any inflammable liquid—such as alcohol, ether, collodion, and the like—and after the casing has been thus filled with liquid the top cap is screwed firmly on the casing  
70 and the depressed portion 13 of the cap will insure the casing being filled with liquid after said cap has been screwed to place. When the mantle is thus packed, it may be transported readily and safely from place to  
75 place, and when it is required for use the top cap is removed and the supporting-bar 19 is taken out from the casing. The supporting-rod used to attach the mantle to the burner is then passed through the loop 18 of the mantle  
80 and the mantle is withdrawn from the casing. The supporting-bar of the mantle is then placed in the tube 10 and the mantle will then safely dry, and when dried is placed upon the burner in the usual manner and may be immediately brought into service.  
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Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A package for a fragile article, such as a  
90 mantle for incandescent-gas illumination, the said package comprising a casing, a support for the article secured to the bottom of said casing and extending upward therein, and a supporting-bar extending through a loop at  
95 the top of the article and having its ends sprung into the upper portion of the casing, the said casing being adapted to be filled with liquid, substantially as described.

2. A package for incandescent mantles, consisting of a casing provided with a cone secured to the bottom thereof, a support for the  
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mantle located above the cone, the said support consisting of a supporting-bar having a depressed central part to receive a loop on the mantle, the said supporting-bar engaging the  
5 upper portion of the casing at opposite sides, and a removable cover for the casing, substantially as described.

3. A package for incandescent mantles, consisting of a casing provided with a removable  
10 top and a removable bottom cap, the central portion of the bottom cap being upset and the central portion of the top cap depressed,

a cone secured to the bottom cap, a supporting-bar for the upper part of the mantle, the said bar being sprung into the upper portion 15 of the casing, and a longitudinal tube on the outer surface of the casing for supporting the mantle burner-rod, the said casing being adapted to be filled with liquid, as described.

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Witnesses:

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