

No. 781,181.

PATENTED JAN. 31, 1905.

W. K. BRACKETT.  
DISINFECTANT HOLDER FOR MOUTHPIECES.

APPLICATION FILED MAY 26, 1904.

Fig. 1.

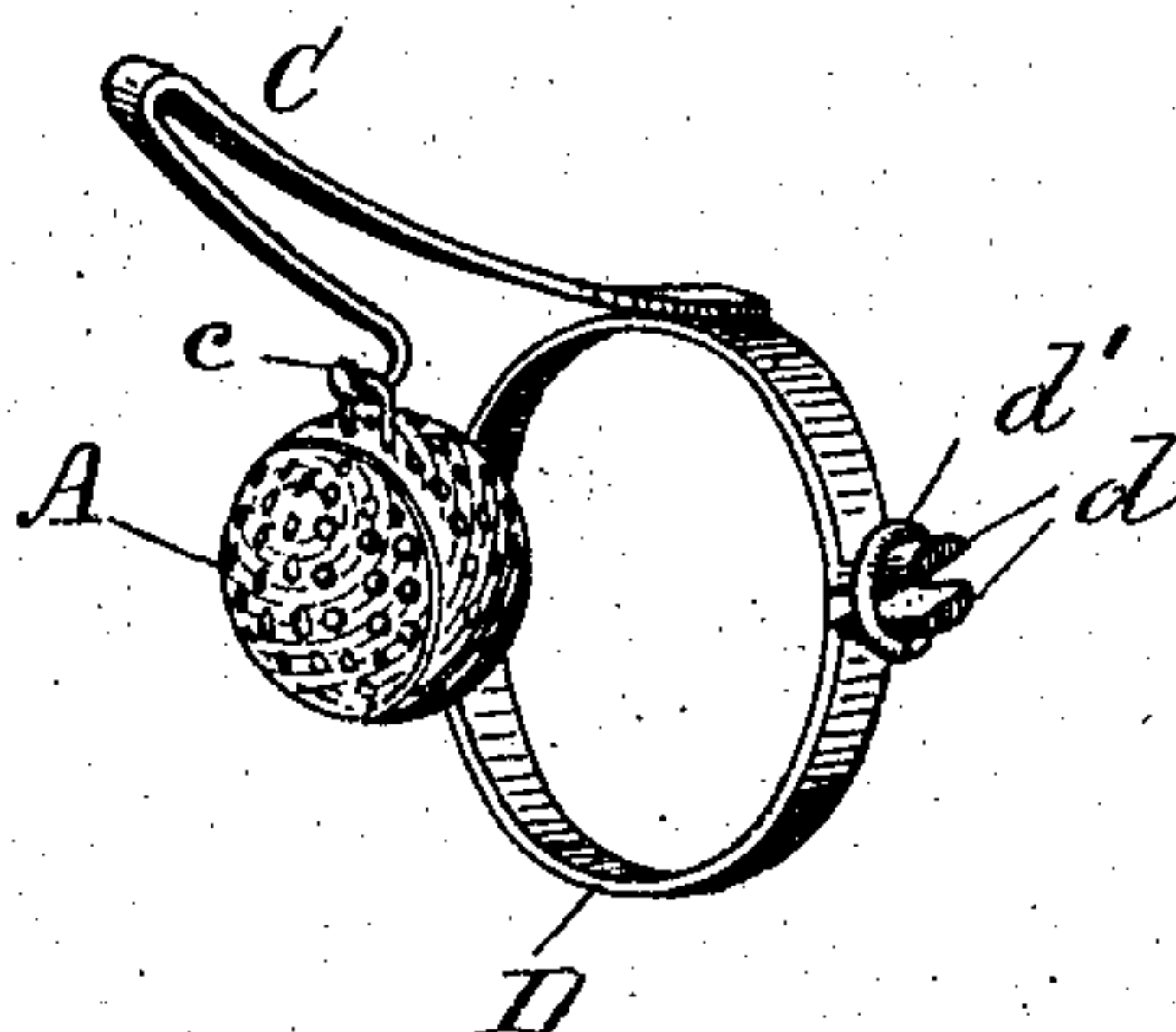


Fig. 2.

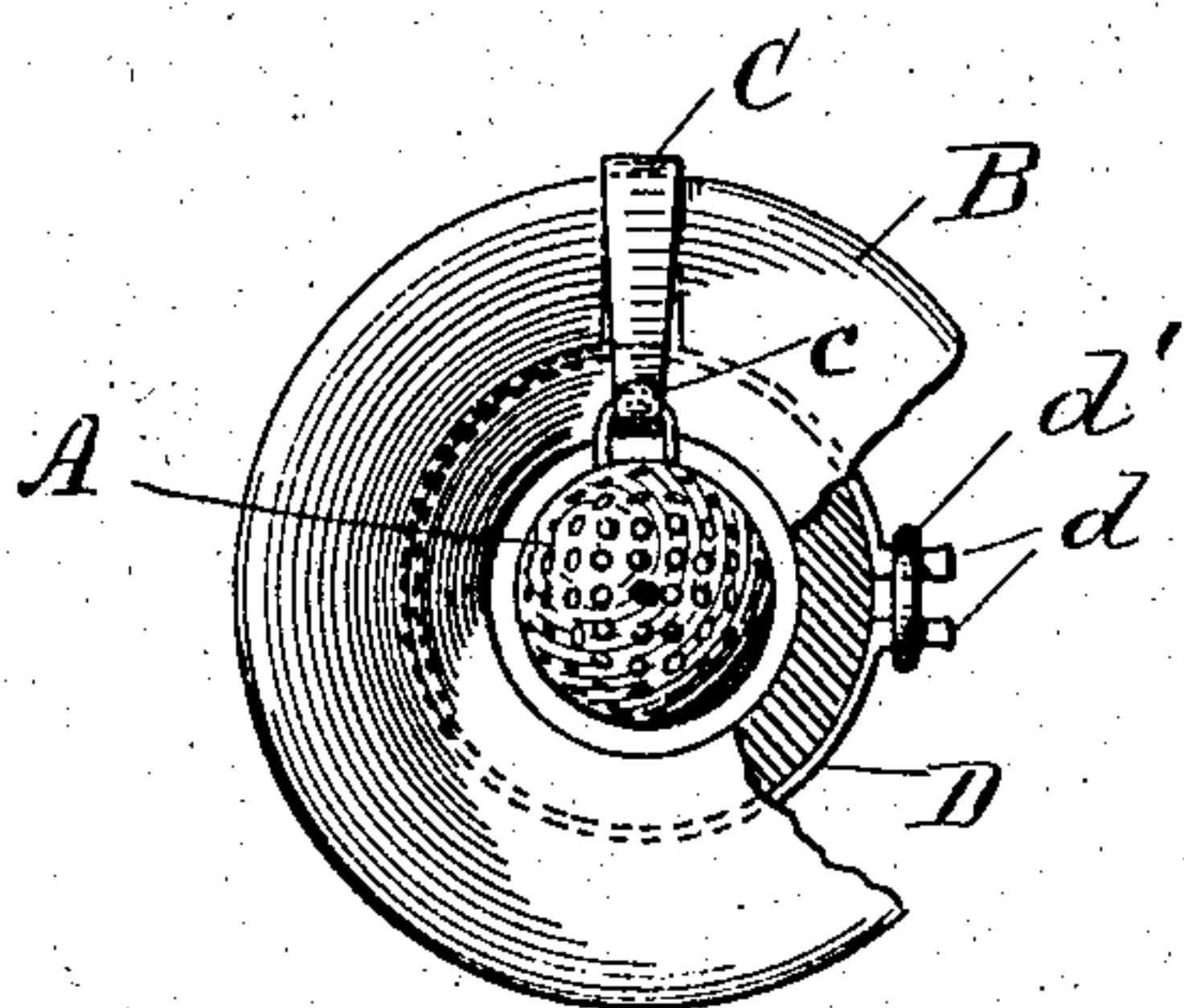
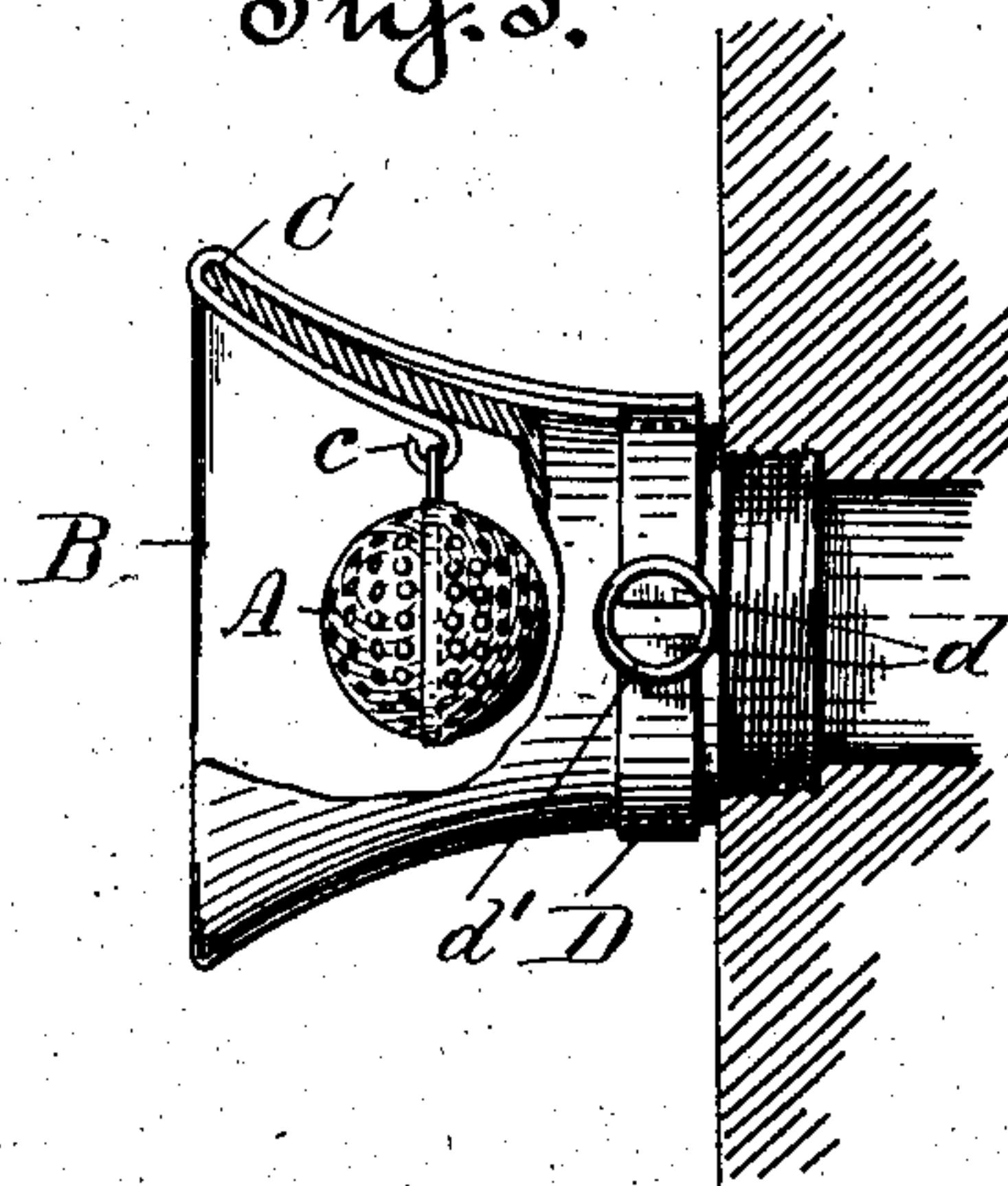


Fig. 3.



Witnesses.

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William King Brackett  
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# UNITED STATES PATENT OFFICE.

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## DISINFECTANT-HOLDER FOR MOUTHPIECES.

SPECIFICATION forming part of Letters Patent No. 781,181, dated January 31, 1905.

Application filed May 26, 1904. Serial No. 209,873.

*To all whom it may concern:*

Be it known that I, WILLIAM KING BRACKETT, a citizen of the United States, residing at Alameda, county of Alameda, State of California, have invented certain new and useful Improvements in Disinfectant-Holders for Mouthpieces; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to the general class of disinfecting appliances, and particularly to devices in which a suitable disinfectant is inclosed in a perforated box or cage.

The object of my invention is to provide simple, economical, and effective means for applying a disinfectant to the mouthpieces of speaking-tubes, telephone-transmitters, and other instruments in which mouthpieces are used.

To this end my invention consists in the novel construction of the disinfectant-holder, which I shall hereinafter fully describe.

Referring to the accompanying drawings, Figure 1 is a perspective view of my device. Fig. 2 is a front view, partly broken, showing the application of my holder to a mouthpiece. Fig. 3 is a side view, partly broken, of same.

A is a perforated case or cage of any suitable construction and form. I have here shown it as a two-part hollow sphere, the sections slipping the one over the other, whereby they may be readily taken apart and put together. This cage is to be supplied with any suitable disinfectant and, as is seen in Fig. 3, is to be suspended within the cavity of the mouthpiece B. The mouthpiece may belong to any instrument in which such part is used—such, for example, as a speaking-tube or a transmitter of a telephone—and the cage A may be suspended therein in any suitable manner. As best adapted for this purpose I have a hook-clamp C, formed of a piece of metal bent upon itself and adapted to embrace the edge of the mouthpiece, its lower arm extending backwardly into the mouthpiece, as seen in Fig. 3, and having on its extremity a small hook *c*, from which

the cage is suspended. This hook-clamp may be held in position in any suitable manner, as by fitting tightly the edge of the mouthpiece; but in the best form of the device I have the upper arm of said hook-clamp prolonged backwardly and joined to a clamp-ring D, which, as shown in Fig. 2, is adapted to embrace the neck of the mouthpiece, its meeting ends being secured together by any suitable fastening or lock. For illustration I have here shown a simple slip-ring *d'*. By means of this clamp-ring the whole device is held well in place, with no danger of being accidentally displaced and with little liability of being stolen. At the same time it can be readily fitted to place without marring or injuring the mouthpiece, and it can be easily removed when required. It can be made as ornamental and attractive as desired, and the contents of the cage can be perfumed to taste.

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

1. A disinfectant-holder for mouthpieces comprising a cage to contain the disinfectant, a hook-clamp embracing the edge of the mouthpiece, its lower arm extending into the cavity of said mouthpiece and carrying the cage, and a clamp-ring to which the upper arm of the hook-clamp is secured, said clamp-ring embracing the neck of the mouthpiece.

2. A means for applying a disinfectant to a mouthpiece consisting of a hook-clamp adapted to embrace the edge of the mouthpiece, its lower arm extending into the cavity of the mouthpiece and adapted to suspend the disinfectant therein, and a clamp-ring to which the upper arm of the hook-clamp is secured, said clamp-ring embracing the neck of the mouthpiece.

In witness whereof I have hereunto set my hand.

WILLIAM KING BRACKETT

Witnesses:

WALTER F. VANE,  
D. B. RICHARDS.