

G. HAVELL.  
TOBACCO PIPE COVER.

No. 188,627.

Patented March 20, 1877.

Fig. 1.

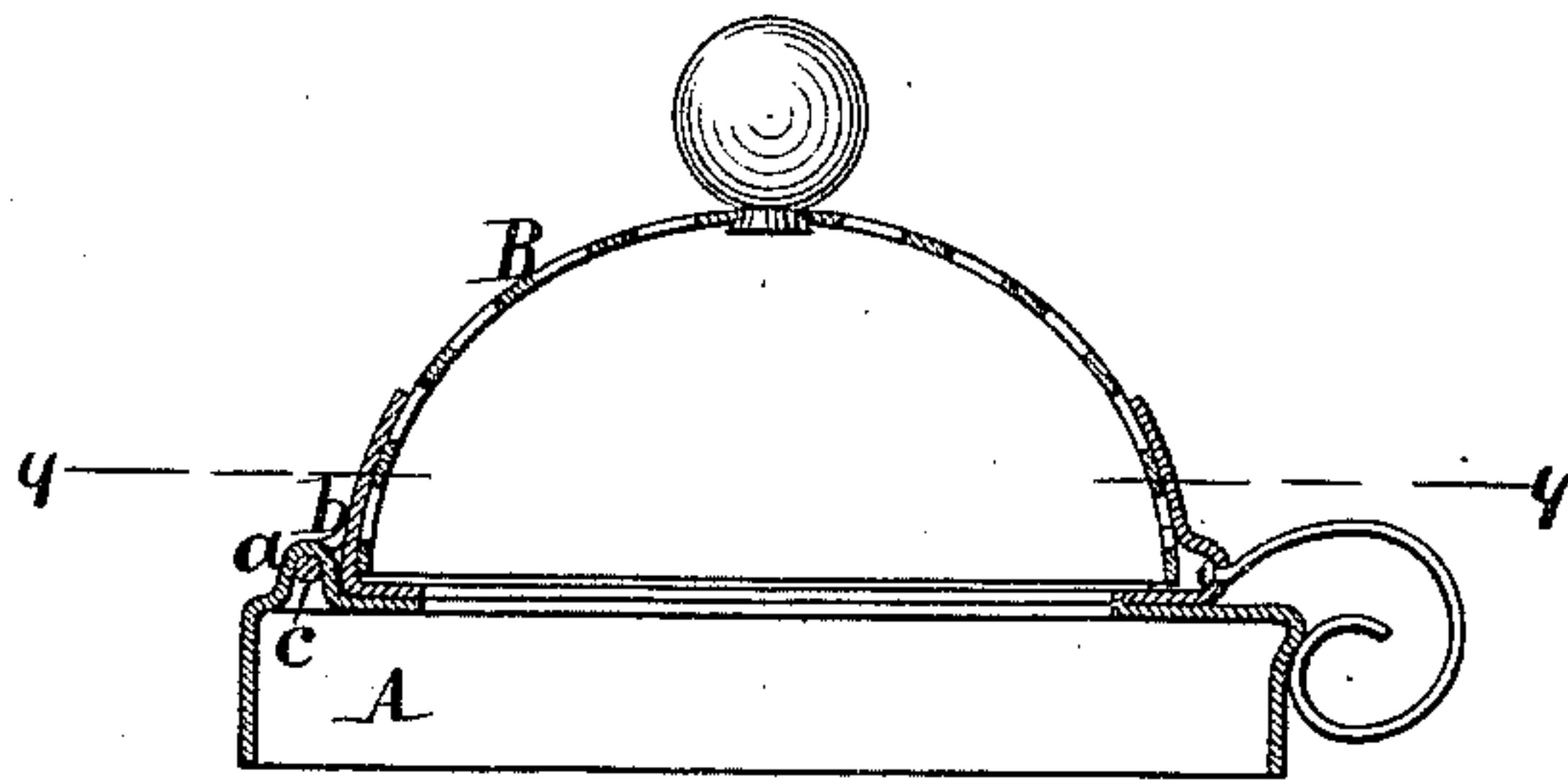
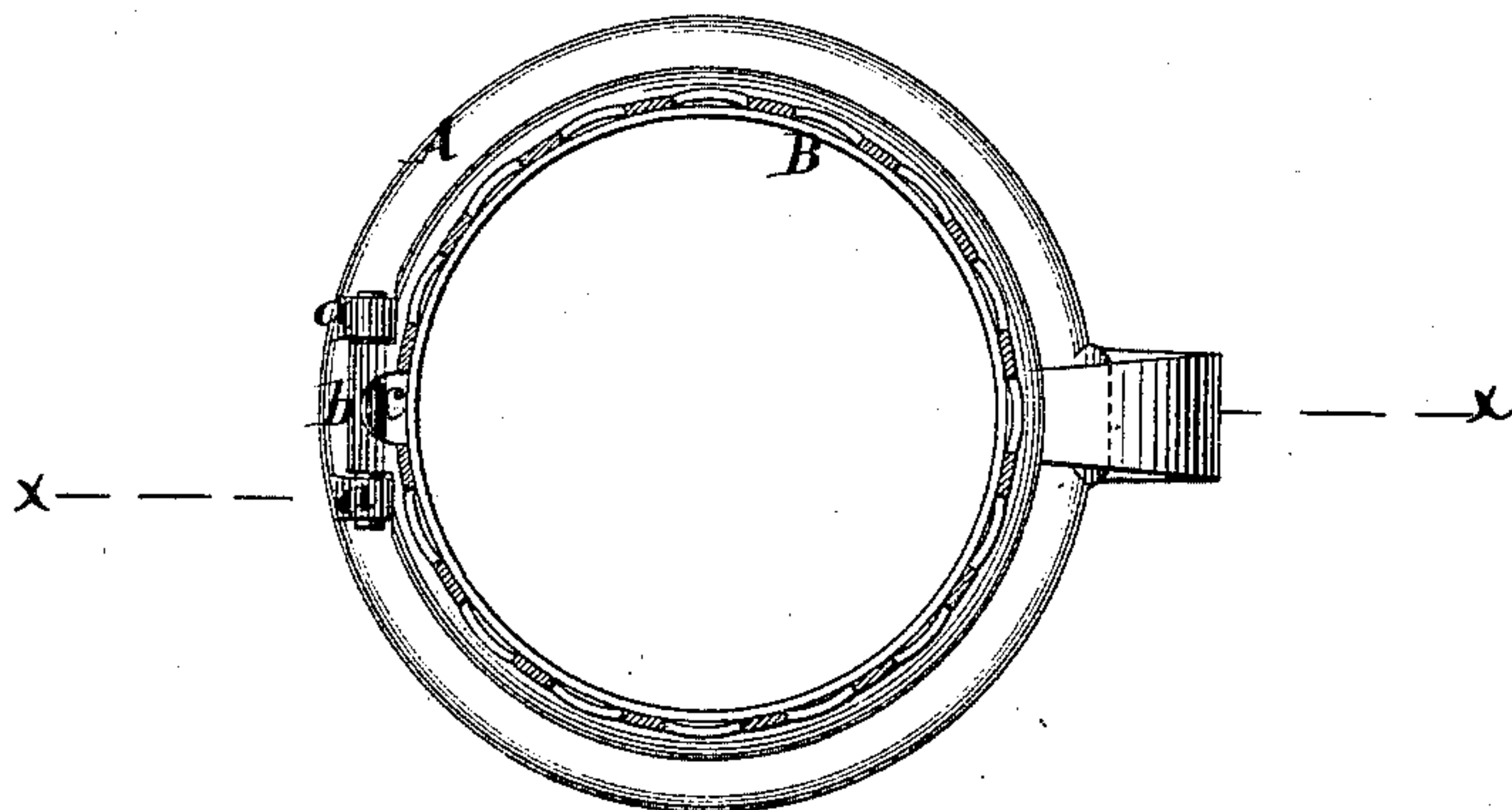


Fig. 2.



Witnesses

Otto Heyland.  
Kings Brueggemann.

Inventor.

George Havell  
by

Van Santvoord & Hauff

his attorneys

BEST COPY AVAILABLE

# UNITED STATES PATENT OFFICE.

GEORGE HAVELL, OF NEWARK, NEW JERSEY, ASSIGNOR TO WILLIAM DEMUTH & CO., OF NEW YORK CITY.

## IMPROVEMENT IN TOBACCO-PIPE COVERS.

Specification forming part of Letters Patent No. 188,627, dated March 20, 1877; application filed February 14, 1877.

### *To all whom it may concern :*

Be it known that I, GEORGE HAVELL, of the city of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Joints for Covers of Tobacco-Pipes and for other articles, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a transverse vertical section in the plane  $x x$ , Fig. 2. Fig. 2 is a horizontal section in the plane  $y y$ , Fig. 1.

Similar letters indicate corresponding parts.

This invention consists in a joint composed of two eyes which are punched up from the metal composing the flanged rim, and of an intermediate eye secured to the cover, so that the eyes of the flanged rim form an integral part thereof, and a joint is obtained which is durable in use, cheap in construction, and neat in appearance.

In the drawing, the letter A designates the flanged rim, which is made to fit the top edge of the bowl of a tobacco-pipe, and to which is connected the cover B. The connection between the rim and the cover is effected by means of a hinge-joint, which is constructed as follows: From the metal which composes the horizontal flange of the rim A are stamped up two eyes,  $a a$ , so that these eyes form an integral part of the rim, and no further labor is required to secure them in position. On the edge of the cover B is also formed an eye,  $b$ , which may be produced out of a lip projecting from said edge, and forming an integral part of the metal composing the cover,

or which may be formed of a separate piece of metal, and secured to the cover by solder.

The eye  $b$  is dropped between the punched-up eyes  $a$ , and, by passing a pin,  $c$ , through the several eyes, the joint is completed.

The cover B, which I have shown in the drawing, is composed of two parts, viz: a socket and a cap, the cap being retained in the socket by a series of lugs, which can be bent out to admit the cap, and then bent back to retain it in position. This construction of my cover, however, forms the subject of a separate application for a patent, and I do not, therefore, give a more detailed description of the same in this present specification. My joint can be used on all covers for tobacco-pipes which are connected to the bowl of the pipe by a flanged sheet-metal rim, and it will be readily understood that said joint is also applicable to other articles of sheet metal in which the cover rests upon a horizontal flange.

What I claim as new, and desire to secure by Letters Patent, is—

A joint for covers of tobacco-pipes, composed of two eyes which are stamped up from the metal composing the flanged rim A, and of an intermediate eye secured to the cover B, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 31st day of January, 1877.

GEORGE HAVELL.

Witnesses :

H. A. KINGSLEY,  
JOHN OTTO.