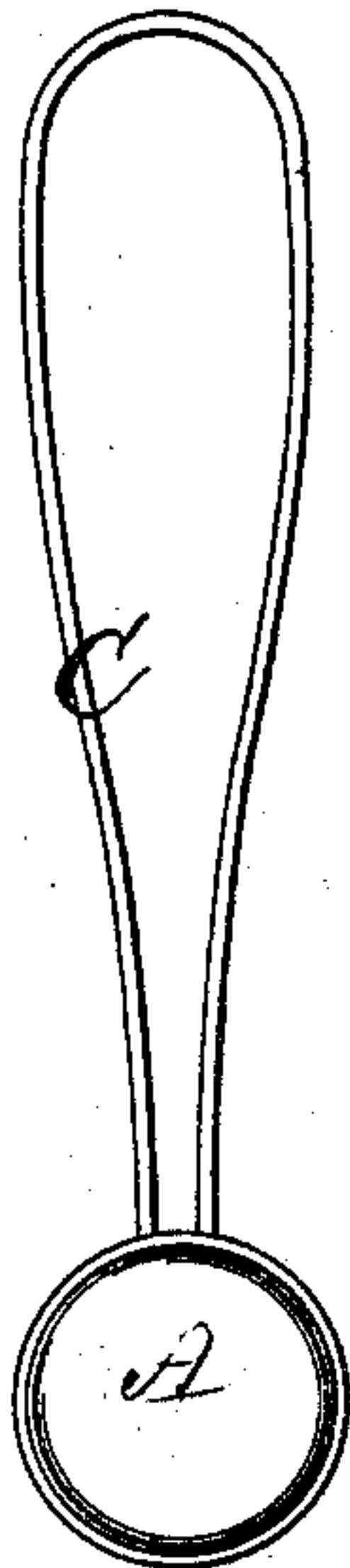


J. S. CRARY.  
BAGGAGE-SEAL.

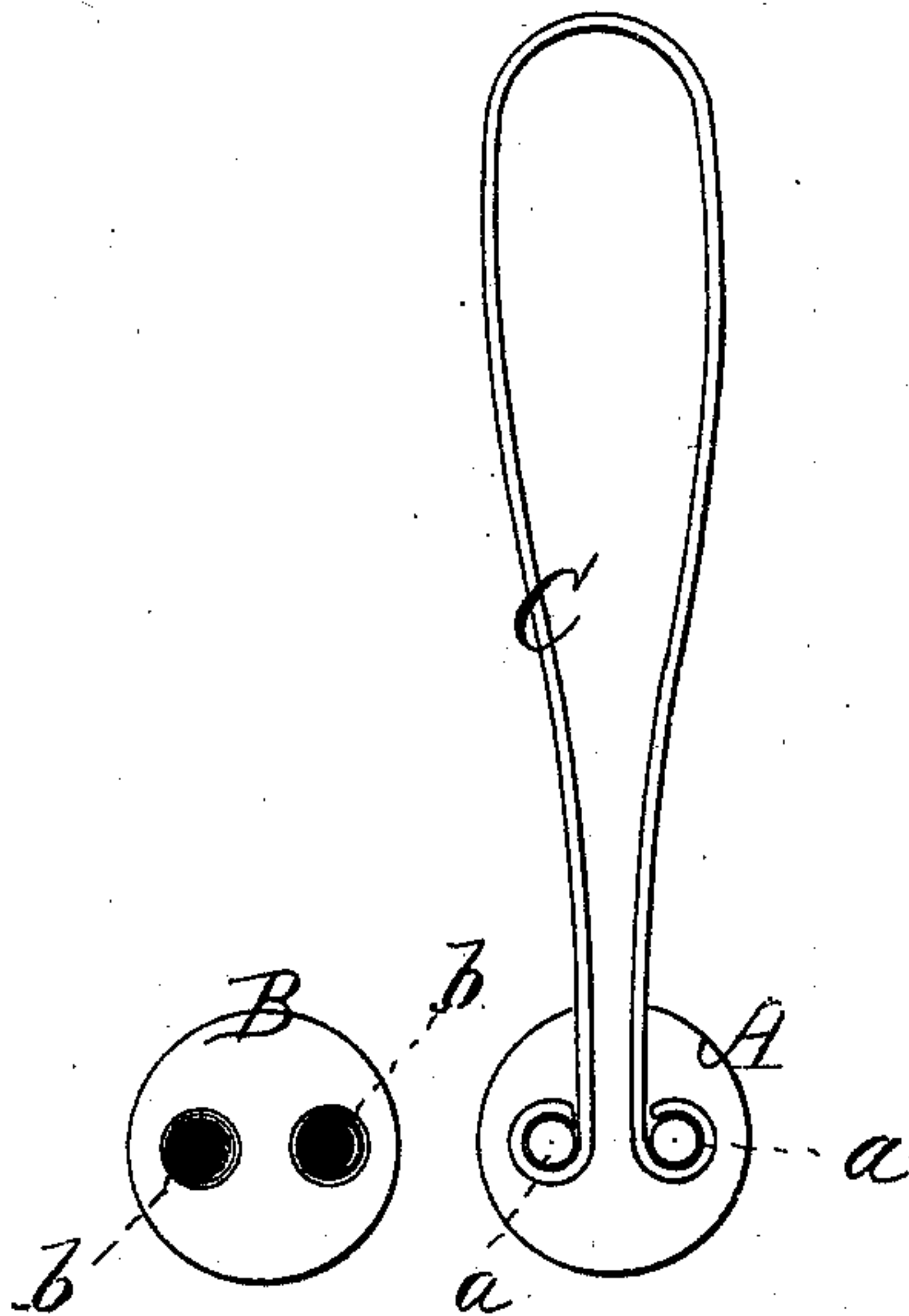
No. 170,822.

Patented Dec. 7, 1875.

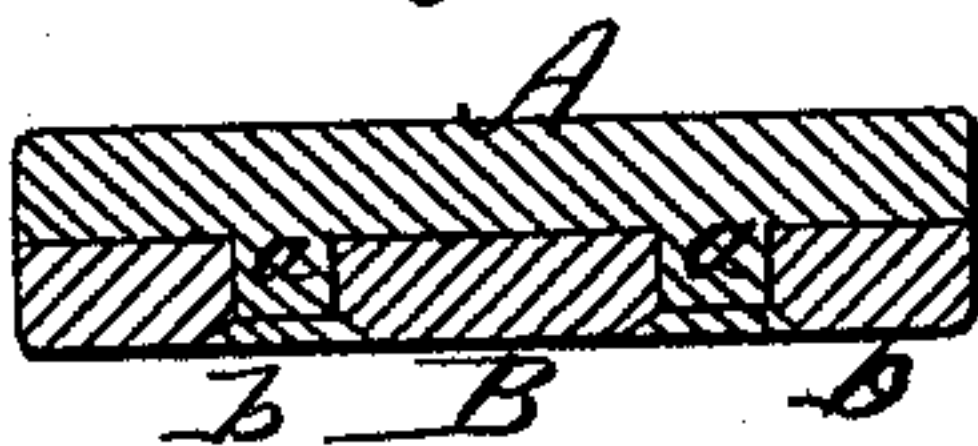
*Fig. 1.*



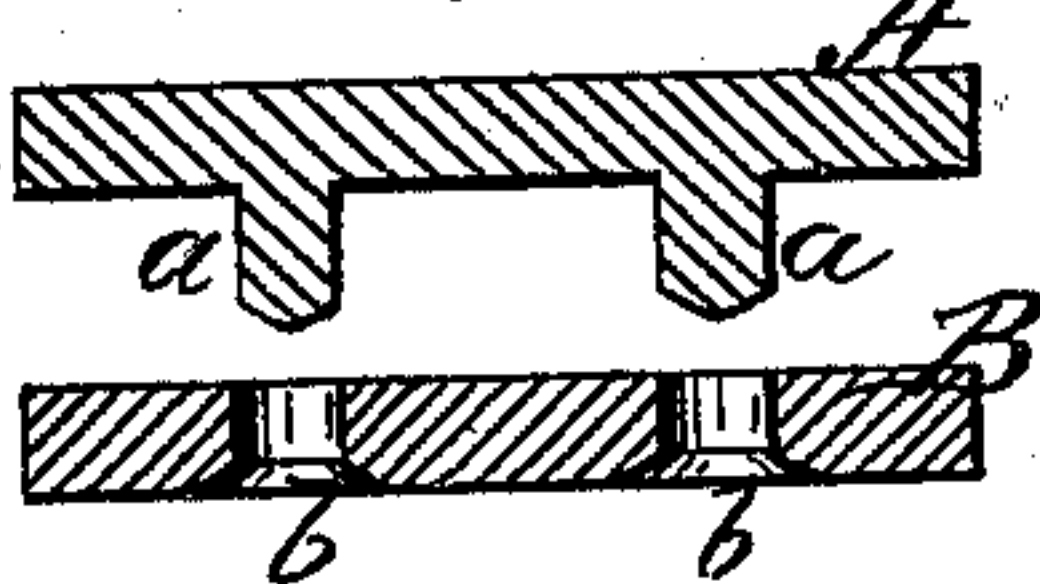
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses:

W. K. Loomis  
J. C. Smith

Inventor:

John S. Crary.  
By Atty Geo. W. Antone

# UNITED STATES PATENT OFFICE.

JOHN S. CRARY, OF WASHINGTON, DISTRICT OF COLUMBIA.

## IMPROVEMENT IN BAGGAGE-SEALS.

Specification forming part of Letters Patent No. **170,822**, dated December 7, 1875; application filed October 23, 1875.

*To all whom it may concern:*

Be it known that I, JOHN S. CRARY, of Washington, in the county of Washington and District of Columbia, have invented certain new and useful Improvements in Baggage-Seals; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings making a part of this specification.

My invention relates to what are known as "baggage-seals." It has for its object to provide against the fraudulent withdrawal of the wire without detection; and consists in forming the soft-metal seal in two parts—one provided with two teats or projections, and the other with a corresponding number of holes adapted to receive the said teats or projections, and forming the wire loop with hook ends adapted to lie around the teats, and be compressed between the soft-metal disks, as will be hereinafter more fully set forth.

To enable others to understand the construction and operation of my improved seal, I will proceed to describe the same, referring by letters to the accompanying drawing, in which—

Figure 1 is a plan view of the seal and wire attached; Fig. 2, a similar view, with one-half of the seal removed, exposing the location and arrangement of the wire previous to its being fastened in place by compression. Fig. 3 is a cross-section of the two halves of the seal riveted in position, and Fig. 4 a similar view of the two parts previous to being secured together.

Similar letters indicate like parts in the several views.

A and B are two soft-metal disks, the former

formed with two teats or posts, *a a*, and the latter with two holes, *b b*, adapted to receive the posts *a a*. C is an ordinary wire, used to attach the seal to the article or package to be guarded by its presence. The ends of the wire are bent around or looped so as to embrace the teats or posts *a a*; and the parts are all secured by placing the part B over the part A, so that the posts *a a* will enter the holes *b b*, when the parts thus arranged are subjected to pressure within a suitable die, which rivets the posts within the holes *a a*, and thoroughly welds all the parts together, so that no joints or seams are visible. The face and sides of the die may be engraved with any design which will be impressed upon the seal when the latter is subjected to pressure.

It will be observed that the wire C is not only thoroughly embedded between the two halves of the seal, but the ends are also firmly secured around the riveted posts *a a*, and hence it is impossible to withdraw the said wire from the seal without destroying the seal.

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

In combination with the soft-metal disks A B, provided with teats and holes *a b*, the wire C, having its ends formed into loops, adapted to lie around the teats *a*, and secured in position, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand.

JOHN S. CRARY.

Witnesses:

M. M. ROHRER,

ARTHUR L. MCINTIRE.