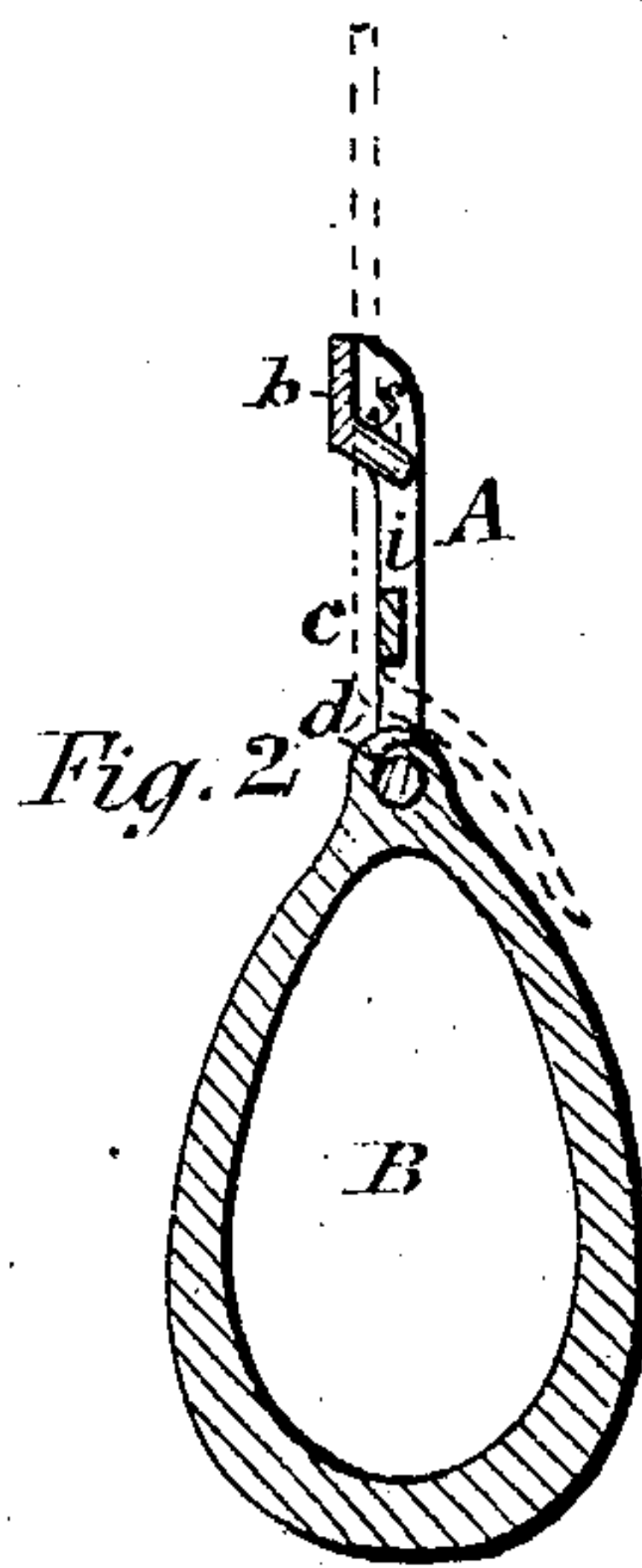
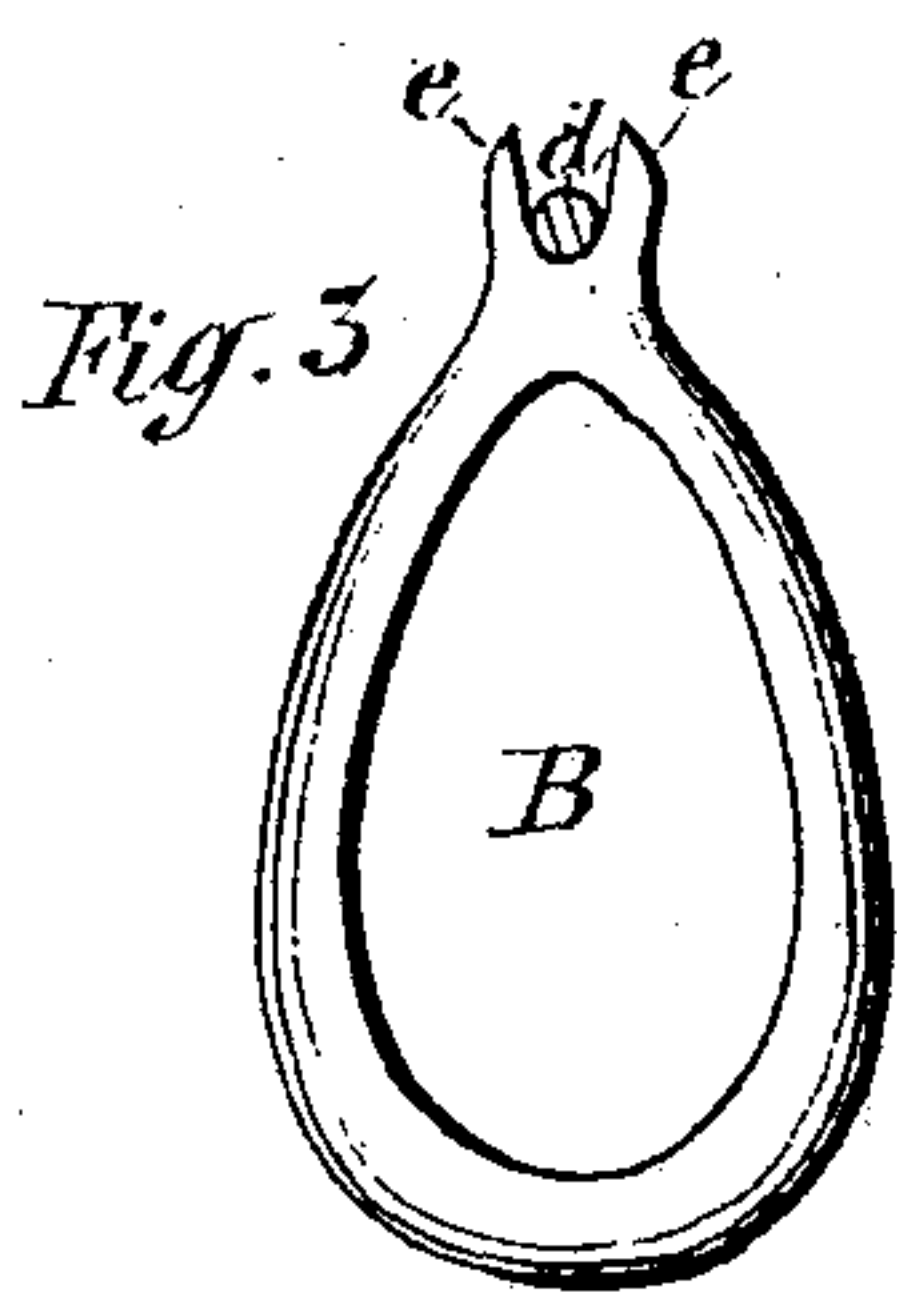
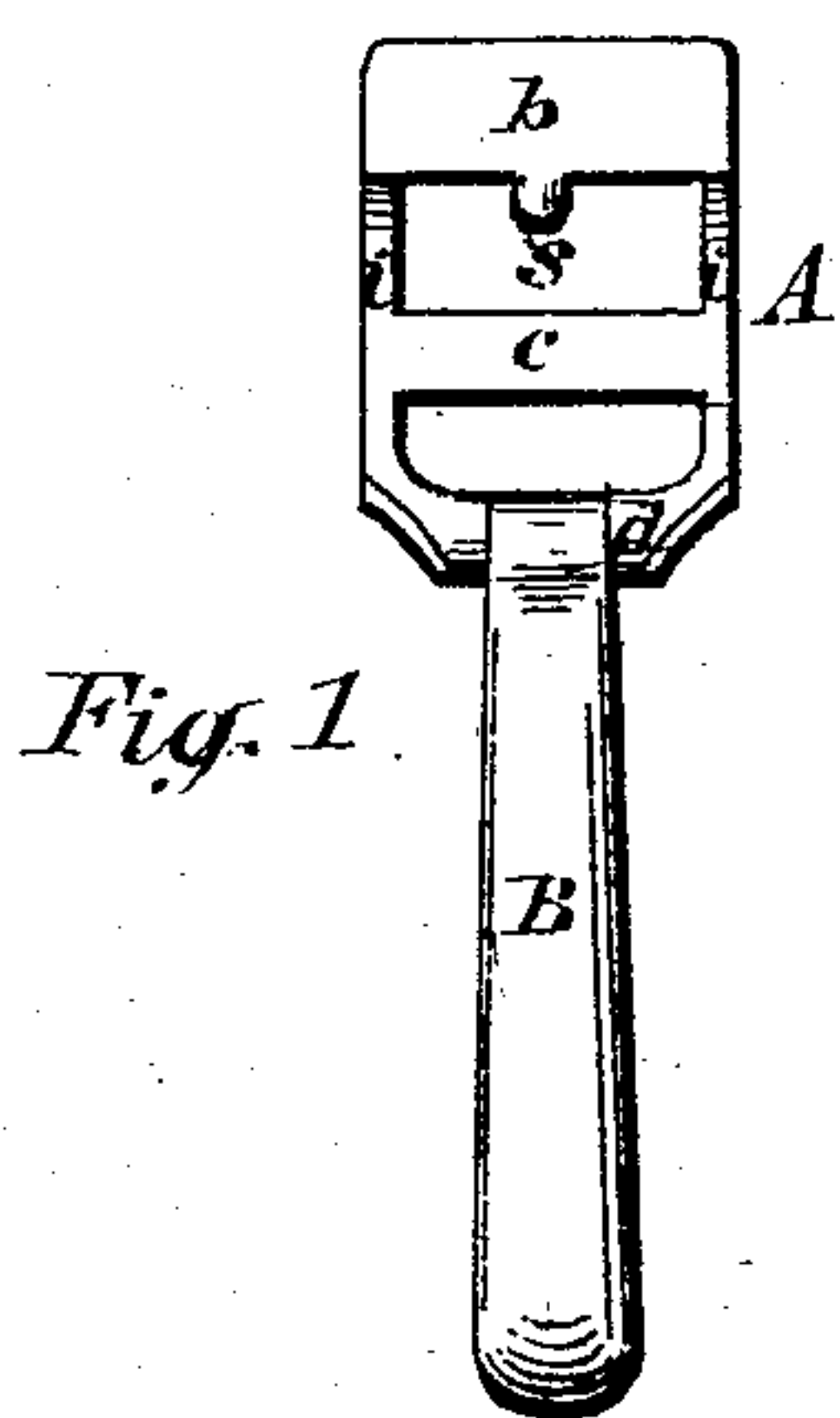


J. P. HISLEY.  
Gag-Runners.

No. 159,265.

Patented Feb. 2, 1875.



WITNESSES:

*Charles H. Key.*  
*E. Dawson.*

INVENTOR:

*John Peter Hisley.*

# UNITED STATES PATENT OFFICE.

JOHN PETER HISLEY, OF SYRACUSE, NEW YORK.

## IMPROVEMENT IN GAG-RUNNERS.

Specification forming part of Letters Patent No. **159,265**, dated February 2, 1875; application filed November 18, 1874.

*To all whom it may concern:*

Be it known that I, JOHN PETER HISLEY, of Syracuse, in the county of Onondaga, and in the State of New York, have invented a new and useful Improvement in Gag-Runners for Bridles, of which the following, taken in connection with the accompanying drawing, is a full, clear, and exact description.

This invention consists in a novel construction of the clasp, by which the gag-runner is readily and securely attached to the bridle, and in which strength, durability, and simplicity are combined.

In the drawing, Figure 1 is a general view of my invention; Fig. 2, a cross-section of same; Fig. 3, a view of the gag-runner, showing its construction and manner of attaching to the clasp. A is the clasp, consisting of two parallel braces, *i i*, having attached thereto rigid the bars *b*, *c*, and *d*. The bar *b* has on its under side a spur, S, standing oblique and inclined downward. The braces *i i* are bent between the bars *b* and *c*, so as to bring the under side of the bar *b* above the bar *c* sufficiently to leave the strap on a straight line, as shown in Fig. 2. In attaching the gag-runner to the bridle the strap is passed from the under side through the space between the bars *b* and *c*, and the spur S placed in a hole in the

strap at the desired distance; thence, by passing the end of the strap through the space between the bars *c* and *d*, it is held firmly on the spur S, as shown by dotted lines in Fig. 2.

It is evident that this clasp is readily attached and detached from the bridle, and, by having all its parts rigid, it is strong and durable, and can be easily molded and cast.

B is the gag-runner made of the form shown in Fig. 3, having lugs *e e*, which are easily bent around the bar *d*, in a recess for that purpose, and clinched, as shown in Fig. 2, leaving it sufficiently loose to turn freely on the bar *d*.

What I claim as my invention is—

The combined gag-runner and buckle, consisting of the bar *b*, having the downward-projecting tongue S, bridge *c*, and bar *d*, with its recess and the attached runner, all substantially as herein shown and described.

In testimony whereof I have signed my name and affixed my seal in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga and State of New York, this 16th day of November, 1874.

JOHN PETER HISLEY. [L. S.]

Witnesses:

CHARLES H. HEY,  
E. S. DAWSON.