

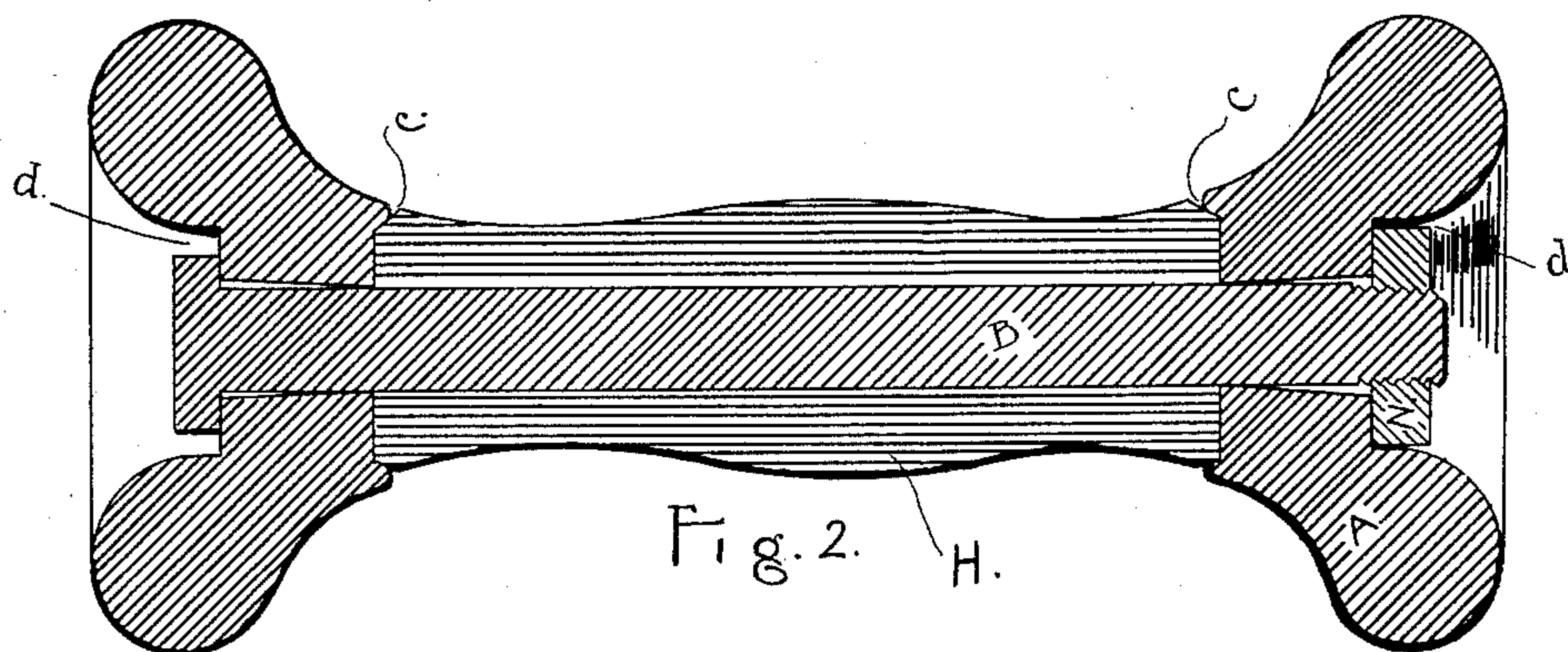
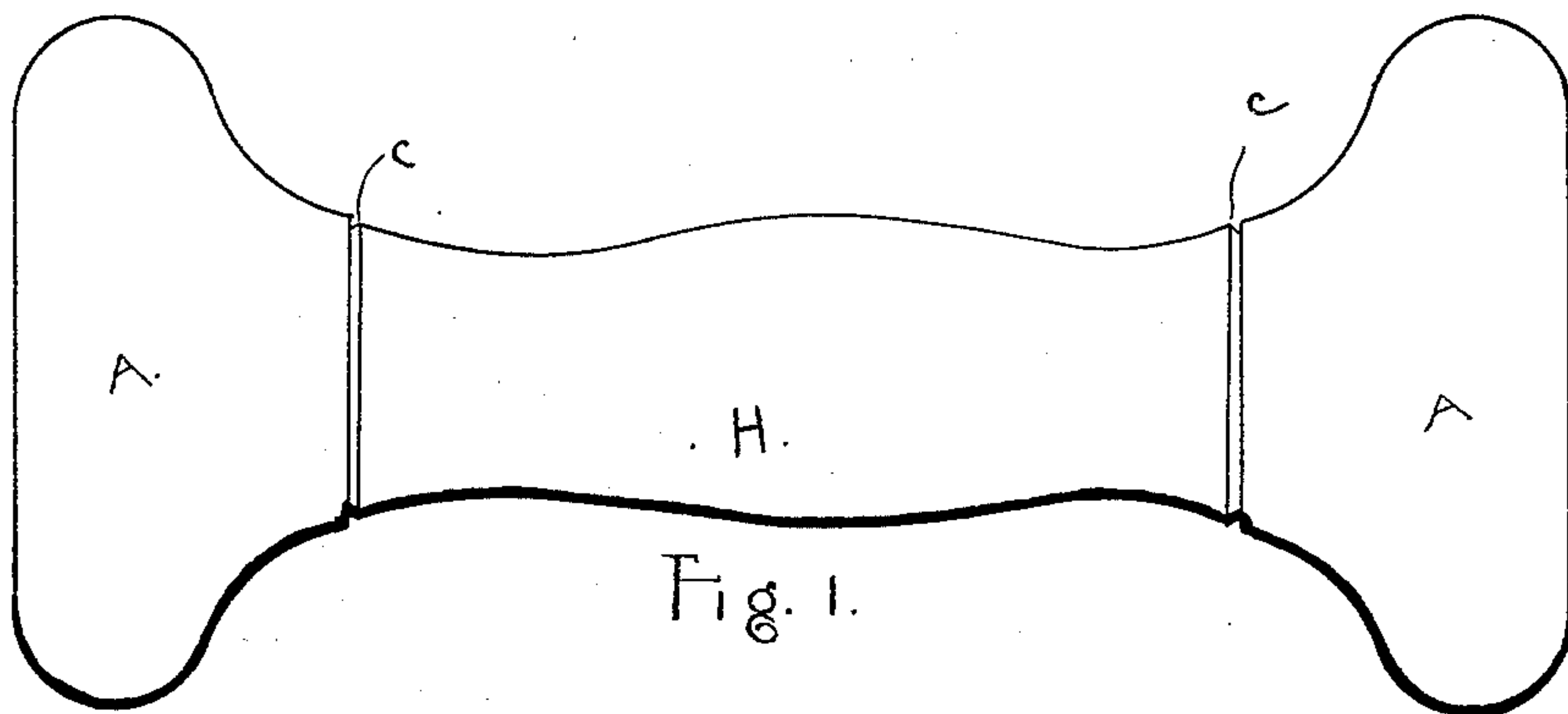
(No Model.)

G. L. BAILEY.

DUMB BELL.

No. 318,078.

Patented May 19, 1885.



WITNESSES

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INVENTOR

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GILBERT L. BAILEY, OF PORTLAND, MAINE.

DUMB-BELL.

SPECIFICATION forming part of Letters Patent No. 318,078, dated May 19, 1885.

Application filed December 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, GILBERT L. BAILEY, a citizen of the United States, residing at Portland, in the county of Cumberland and State of Maine, have invented a new and useful Improvement in Dumb-Bells, of which the following is a specification.

My invention relates to improvements in the form and construction of dumb-bells for exercising the muscles, and has for its objects to make them more desirable to handle, symmetrical in form, and of greater strength than those now in use. These objects I attain by the means illustrated in the accompanying drawings, in which—

Figure 1 is a view in elevation of a dumb-bell complete; and Fig. 2, a longitudinal sectional view of a dumb-bell, showing the form of construction of the several parts and the manner of putting the whole together.

Similar letters refer to similar parts throughout the several views.

My invention consists in two separate semi-spherical cast-iron heads, A A, each having a hole through its center and a handle, H, of wood or other non-metallic substance, to the ends of which the heads are bolted. Each head has a flat-bottomed countersink on its opposite sides. That on the inner side is shallow, and of the same diameter as the ends of the handle which it receives. The handle H is bored lengthwise and is about four inches

in length. A wrought-iron bolt, B, having a head on one end and a screw-thread on the other, carrying a nut, N, is passed through both heads, and also through the handle, and the three pieces are fastened to each other with the handle intermediate the heads by means of the screw-nut. The countersink *d* in the outer side of the head is deep enough to admit the nut and bolt-head below its surface. The ends of handle H are formed to fit the inside countersink, *c*, and is thereby prevented from splitting or being moved out of its place.

The advantages of this dumb-bell over those in common use are, that the heads can be made more comely in appearance. The handle, being non-metallic, is more agreeable in use, and does not require to be covered to make it smooth, and by the wrought-iron bolt much greater strength is secured.

Having thus described my invention, what I claim is—

In a dumb-bell, two separate metallic heads, made substantially as herein described, in combination with a non-metallic handle secured between them by means of a screw-threaded bolt passing through the whole and a screw-threaded nut, substantially as herein shown and described.

GILBERT L. BAILEY.

Witnesses:

WM. P. PREBLE,
EDWARD M. RAND.