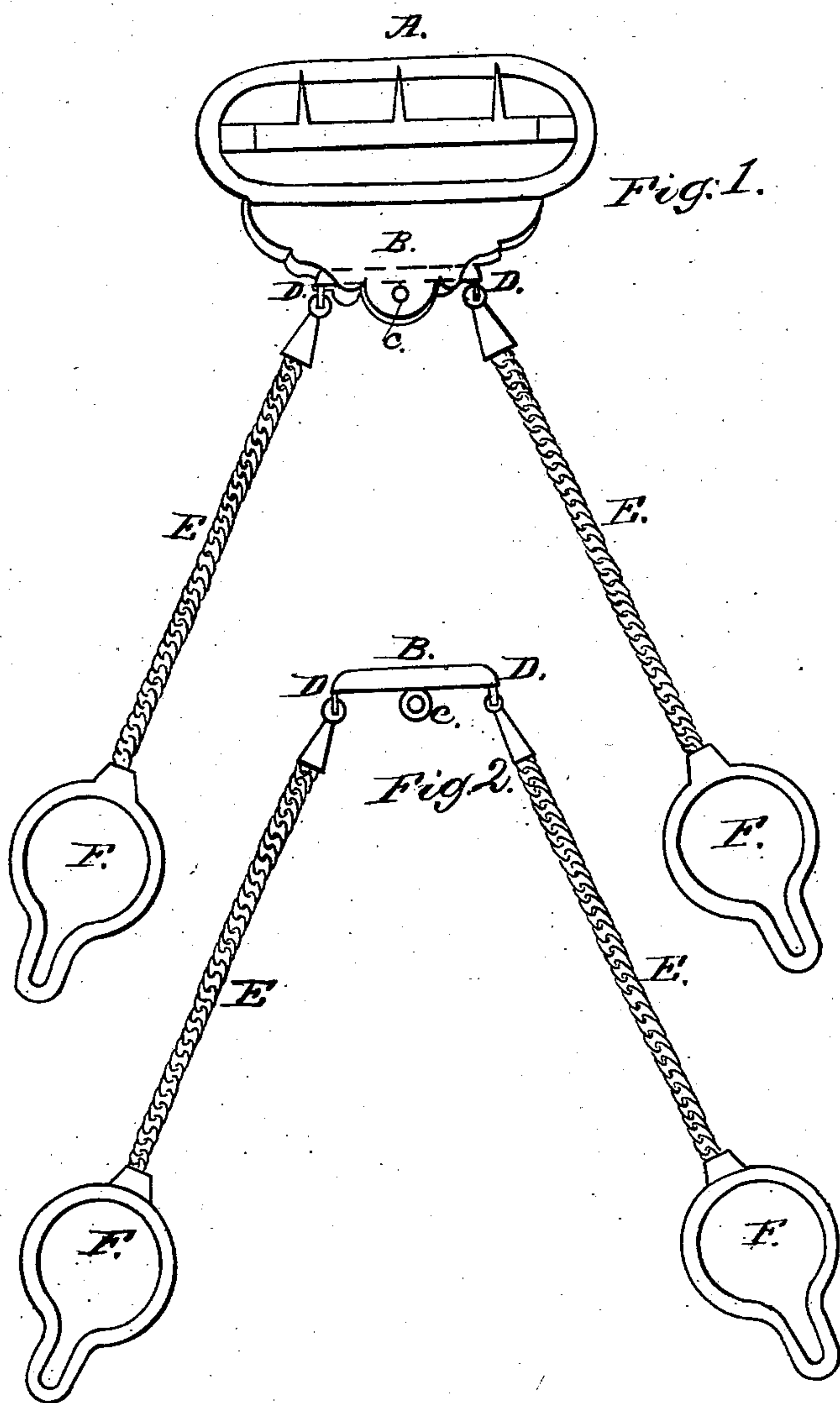


J. Bingham,

Buckle,

N^o 2,940.

Patented Feb. 4, 1843.



UNITED STATES PATENT OFFICE.

JAMES BINGHAM, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN SUSPENDER-BUCKLES.

Specification forming part of Letters Patent No. 2,940, dated February 4, 1843.

To all whom it may concern:

Be it known that I, JAMES BINGHAM, of the city of Philadelphia, in the State of Pennsylvania, have invented a new and useful Improvement in the Manner of Constructing Buckles for Suspenders; and I do hereby declare that the following is a full and exact description thereof.

In the suspender-buckle as now generally employed there is a pulley combined with it, over which a chain passes for the purpose of allowing free motion to the body of the wearer; but in this construction there is considerable friction in the working of the chain and pulley, which it is the object of my invention to obviate, and at the same time to allow a more free play to the chain and its appendages than is allowed by the pulley. For this purpose I combine with the suspender-buckle a lever which vibrates on a pin at its center, and to the two ends of this lever the chains or cords are attached which lead to the buttons of the pantaloons.

In Figure 1 the improved buckle is shown with the lever and chains attached thereto, and Fig. 2 represents the lever and chains without the buckle.

A is the buckle, made in the ordinary way. B is the lever, which in Fig. 1 is in part represented by dotted lines, and is received and plays on a fulcrum-pin, C, between two cheeks of metal made fast to the buckle. To the ends D D of this lever the chains or cords E E are attached, F F being the loops which pass over the pantaloon-buttons.

Having thus fully described the nature of my improvement and shown the manner in which the same operates, what I claim therein as constituting my invention, and desire to secure by Letters Patent, is—

The combining of a lever working on a fulcrum or pin at its center with the ordinary suspender-buckle, to the ends of which lever the chains or cords which carry the loops that embrace the pantaloon-buttons are affixed, the whole being arranged and combined in the manner herein set forth.

JAMES BINGHAM.

Witnesses:

J. SNIDER,
LEWIS CHAMBERLAIN.