

No. 737,889.

PATENTED SEPT. 1, 1903.

G. YOERGER.
EXERCISING APPARATUS.
APPLICATION FILED JUNE 25, 1903.

NO MODEL.

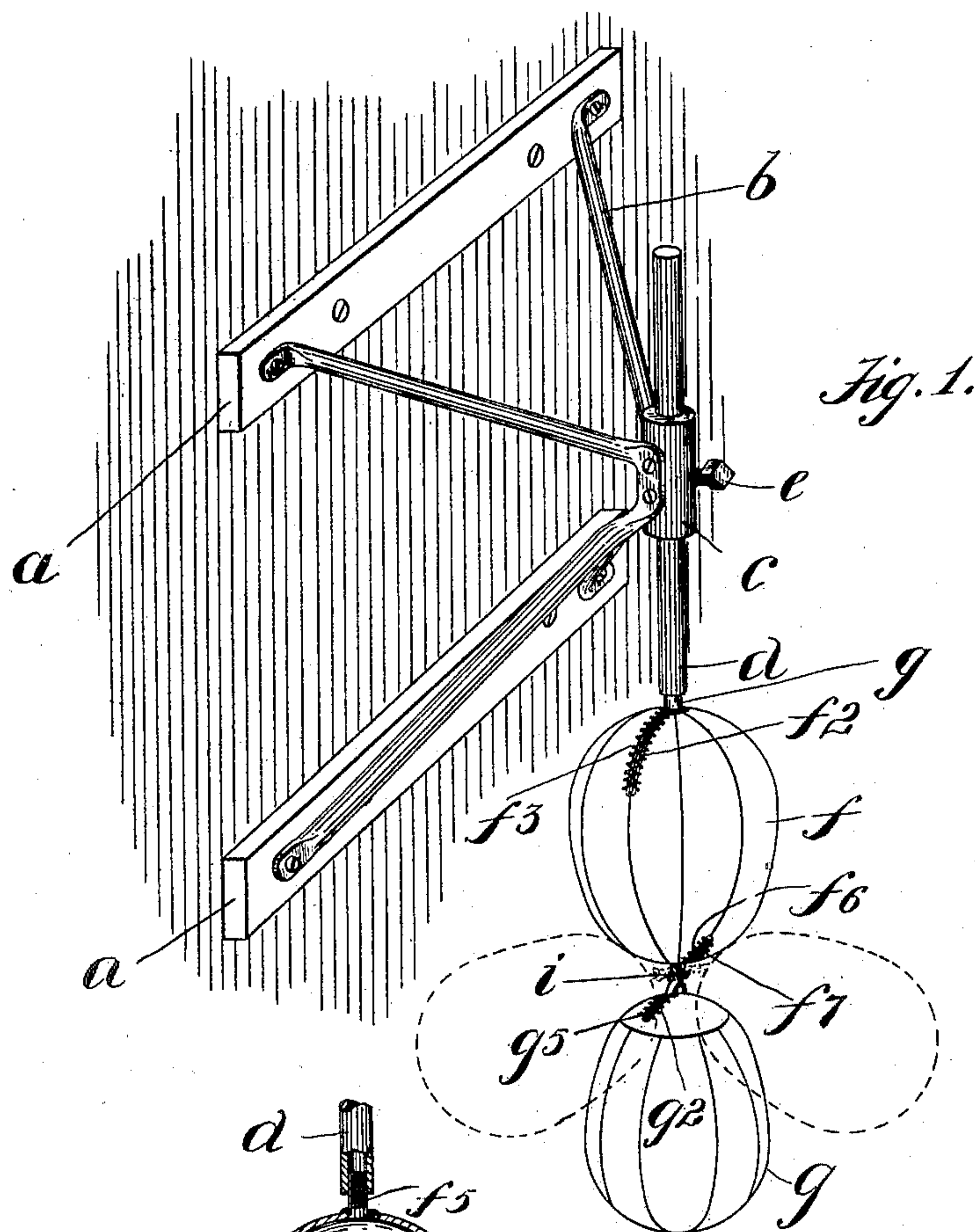


Fig. 1.

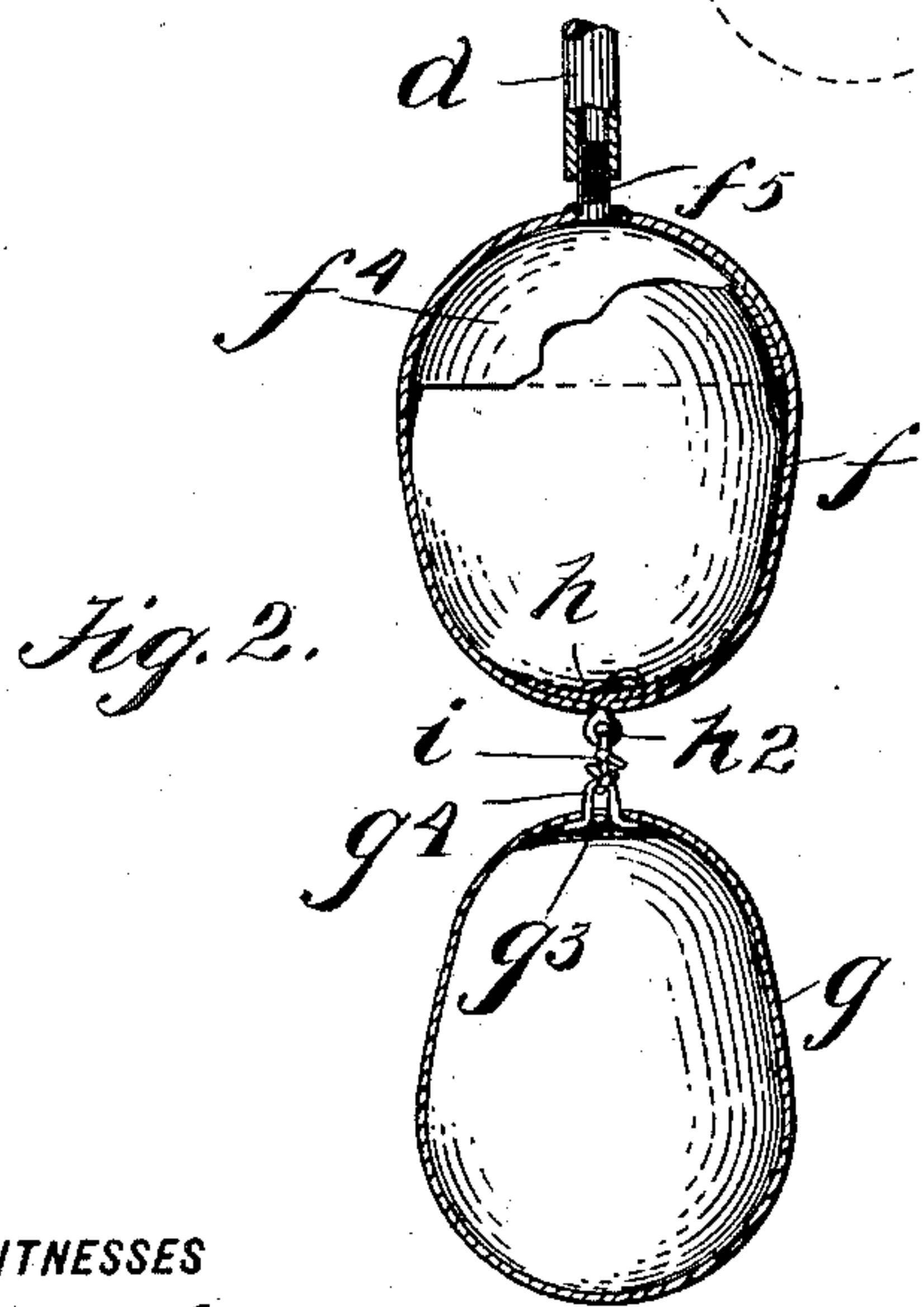


Fig. 2.

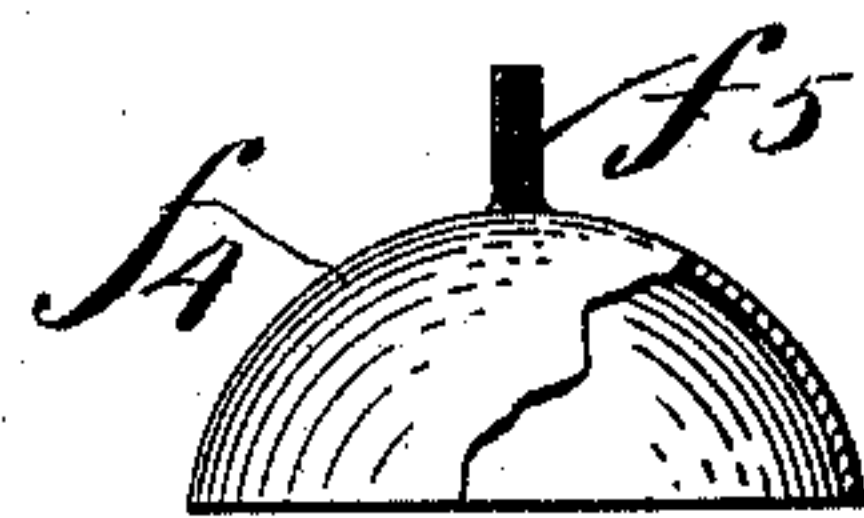


Fig. 3.

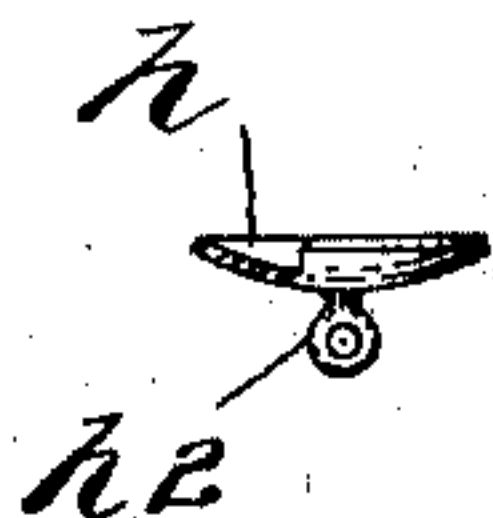


Fig. 4.

WITNESSES

J. A. Stewart.
L. E. Mulbreany.

INVENTOR
George Yoerger
BY
Edgar Bates & Co.
ATTORNEYS

UNITED STATES PATENT OFFICE.

GEORGE YOERGER, OF BROOKLYN, NEW YORK.

EXERCISING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 737,889, dated September 1, 1903.

Application filed June 25, 1903. Serial No. 163,001. (No model.)

To all whom it may concern:

Be it known that I, GEORGE YOERGER, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Exercising Apparatus, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide an improved exercising apparatus of the punching-bag class which may be secured to any suitable upright support in a hall, room, or other compartment and by means of which the vibration and noise occasioned by the use of apparatus of this class may be avoided; and with this and other objects in view the invention consists in an apparatus of the class specified constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a perspective view showing my improved apparatus in position for use; Fig. 2, a sectional side view of the operative part thereof; and Figs. 3 and 4 are sectional side views of details of the construction which I prefer to employ.

In the practice of my invention I provide a frame or holder consisting of parallel bars *a*, to which are rigidly secured triangular or V shaped arms *b*, which are rigidly secured, in the form of construction shown, to a sleeve *c*, through which passes a vertically-movable and adjustable tube or rod *d*, which may be held at any desired point of adjustment by means of a screw *e*, which passes through the sleeve *c*. My invention is not limited, however, to any particular means for making the rod or tube *d* adjustable in the frame or holder, but as herein described it will be observed that the frame or holder consists of the bars *a*, arms *b*, and sleeve *c*, rigidly connected, but the rod or tube *d* may be made adjustable on the arms *b* in any desired manner.

Rigidly connected with the lower end of the rod or tube *d* is a bag *f*, and loosely or flexi-

bly connected with the bag *f* and suspended from the bottom thereof is another bag *g*, which is similar to the ordinary punching-bag. In practice the bag *f* is preferably slitted transversely of the top thereof, as shown at *f*², and the opening thus formed is provided with a lacing *f*³, and through this opening *f*² is passed a cup-shaped shell *f*⁴, composed of metal or any suitable material, to which is rigidly secured a screw member *f*⁵, which is screwed into the lower end of the rod or tube *d*, and by means of this construction the bag *f* is detachably and rigidly secured to said tube or rod, but this connection of the bag *f* with the tube *d* may be made in different ways. The lower end of the bag *f* is also provided with a transverse opening *f*⁶, having a lacing *f*⁷, and inserted therein is a disk *h*, having an attaching eye or loop *h*², and the lower end of the bag is then securely laced. The bag *g* is also preferably slitted transversely of the upper end thereof, as indicated at *g*², and inserted therein is a disk *g*³ of metal, leather, or any suitable material, and this disk is also provided with an attaching-loop *g*⁴, and opening *g*² is also laced, as shown at *g*⁵, and the bags *f* and *g* are connected at *i* by being securely tied together by means of a flexible cord, or this connection may be made in any way which will enable the bag *g* to swing freely in all directions.

In practice I prefer to inflate the bags *f* and *g* in the usual manner with air, and for this purpose supplemental air or gas containing bags are placed therein and inflated in the usual way. The bag *g* constitutes, as will be understood, the punching-bag and is free to swing in any direction, and when struck a blow it swings upwardly or flies upwardly and strikes the lower side portions of the bag *f* and rebounds in the opposite direction, as indicated in dotted lines in Fig. 1. There is no solid substance or material or support with which the bag *g* when struck can come in contact, and there is therefore no noise, jolt, or jar produced by the movement of said bag, and the vibration and jolt or jar heretofore occasioned by the operation of apparatus of this class is entirely avoided.

Although I prefer to inflate both the bags *f* and *g* in the usual manner and as hereinbe-

fore described, it will be apparent that these bags may be extended by being packed with any suitable material, and the upper stationary bag *f* may be filled with sand if desired, 5 as may also the lower or punching bag *g*, it being understood that the stationary bag *f* serves only as a support for the bag *g* and as a buffer with which the bag *g* comes in contact when the latter is inflated or filled with any 10 light material and is struck a blow in the manner of ordinary bags of this class.

It is a well-known fact that in the operation of apparatus of this class as usually constructed and supported there is a constant vibration or jolt and jar which is transmitted to a greater or less extent through the building in which the apparatus is placed, but with my improved apparatus this objectionable feature is entirely obviated. It will 20 also be seen that the frame or holder is of such form that the vertically-adjustable rod or tube *d* is suspended at a suitable distance from the wall or other support to which the apparatus is secured, and by making the rod 25 or tube *d* vertically adjustable the punching-bag *g* may be suspended at any suitable height, so as to adapt the apparatus to the use of either children, boys, or men.

Having fully described my invention, what

I claim as new, and desire to secure by Letters Patent, is— 30

1. In an apparatus of the class described, a holder adapted to be secured to a support, a vertically-adjustable member suspended therein at a predetermined distance from the 35 support, a supporting-bag rigidly connected with the lower end of said member and a punching-bag flexibly connected with the supporting-bag, substantially as shown and described. 40

2. In an apparatus of the class described, a holder adapted to be secured to a support and to project therefrom, a vertically-adjustable member mounted in said frame or holder, a supporting-bag rigidly connected with the 45 lower end of said member and a punching-bag flexibly connected with the bottom of the supporting-bag and free to swing in all directions, substantially as shown and described.

In testimony that I claim the foregoing as 50 my invention I have signed my name, in presence of two subscribing witnesses, this 23d day of June, 1903.

GEORGE YOERGER.

Witnesses:

F. A. STEWART,

C. E. MULREANY.