

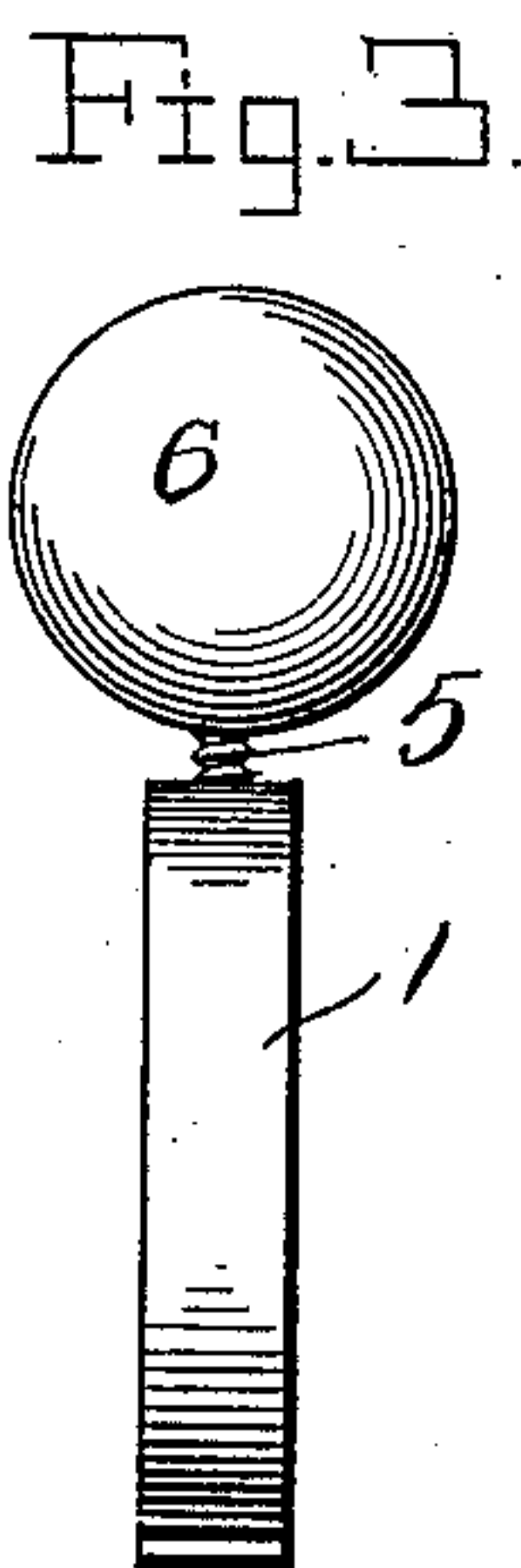
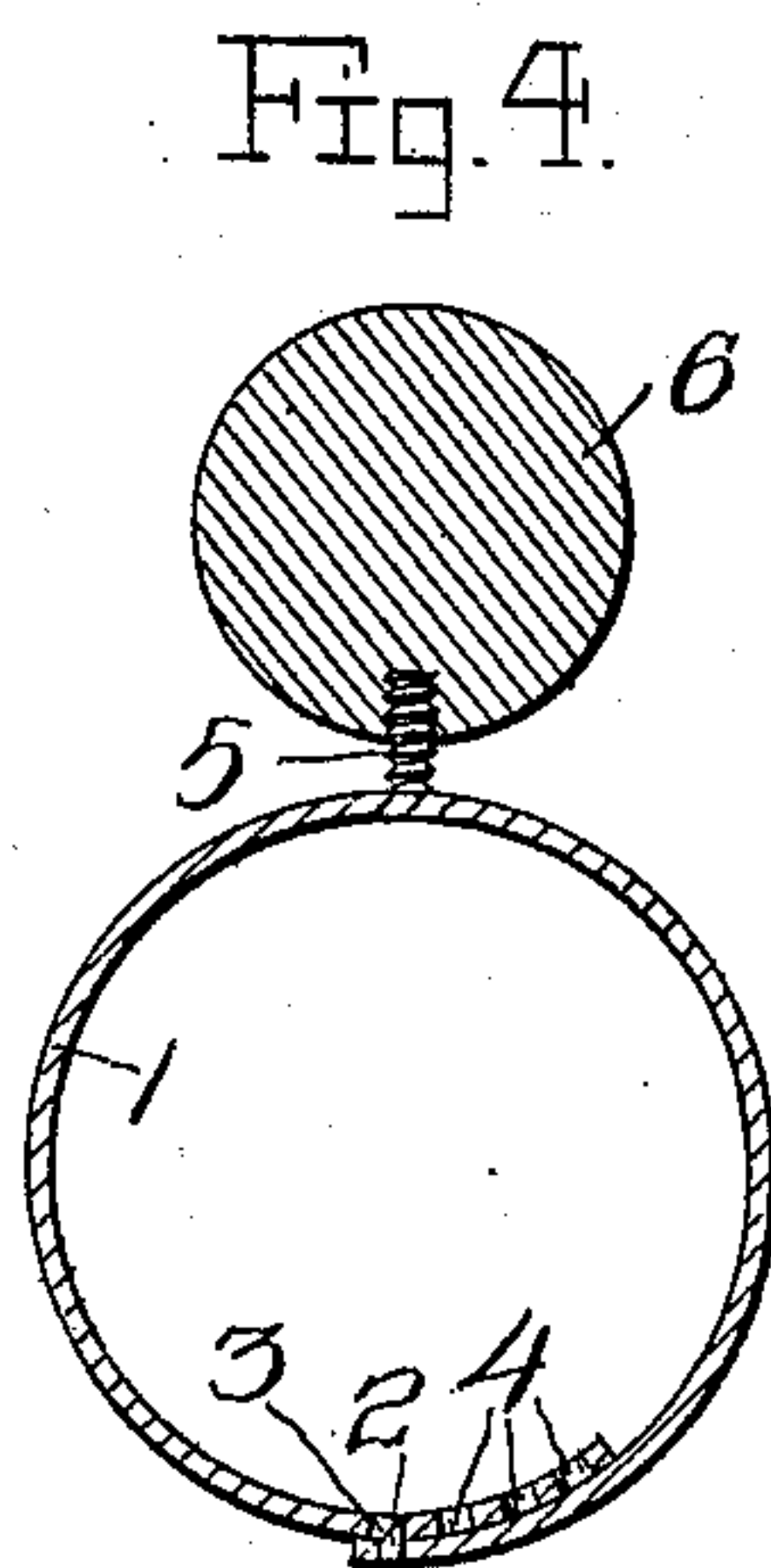
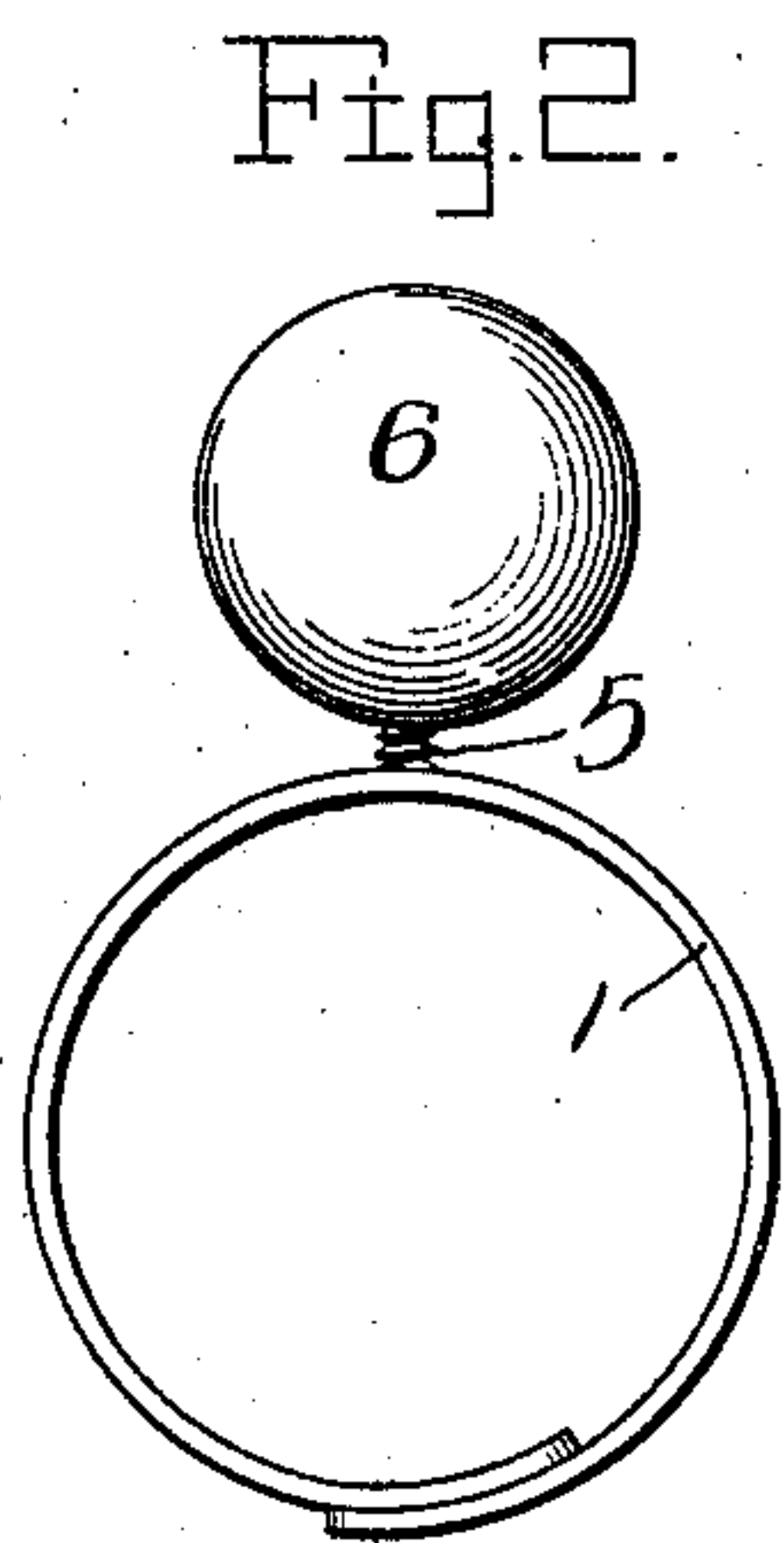
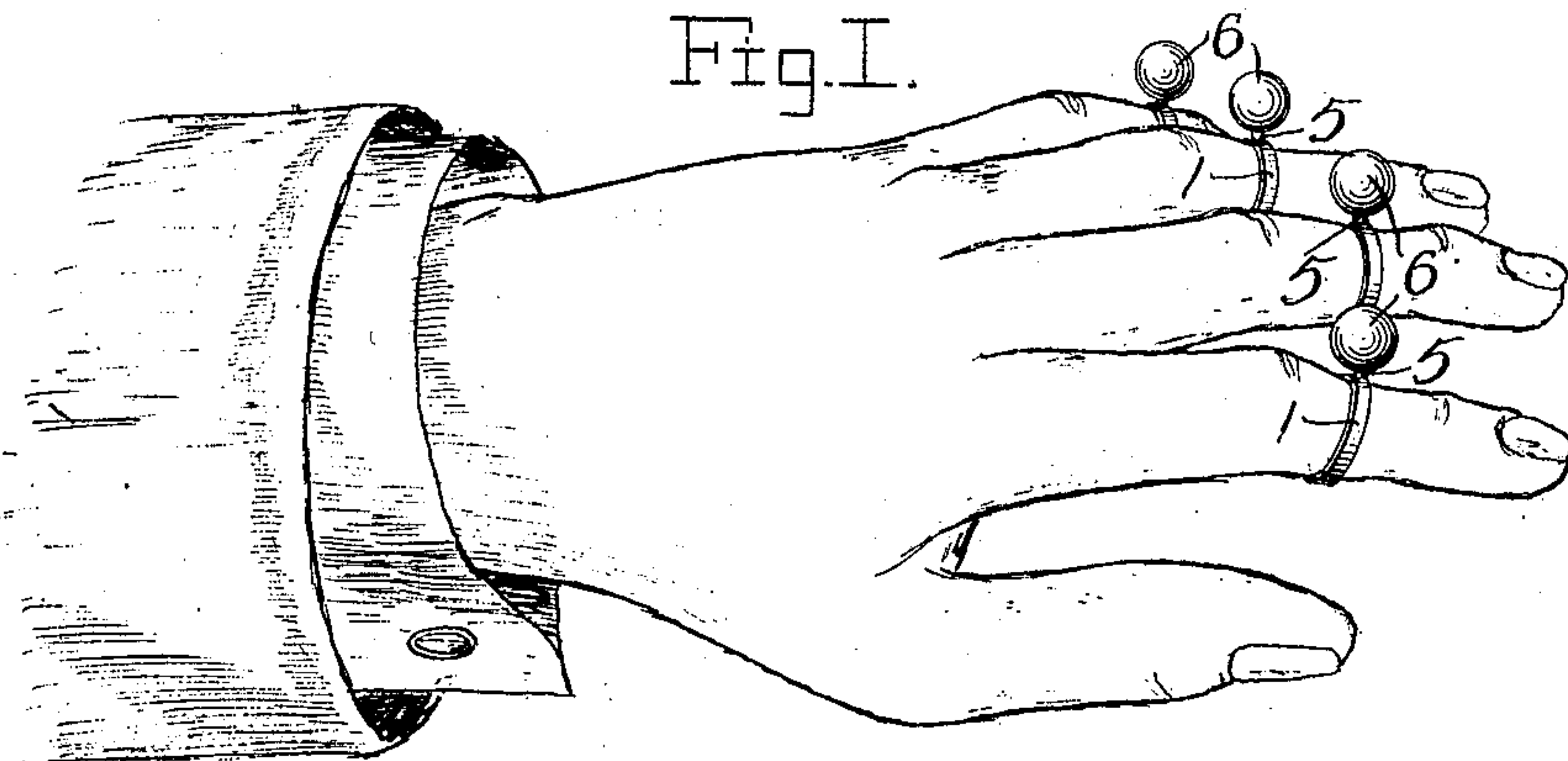
No. 757,041.

PATENTED APR. 12, 1904.

S. HOSFELD.
MUSCLE DEVELOPING FINGER BAND.

APPLICATION FILED JAN. 4, 1904.

NO MODEL.



Witnesses

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UNITED STATES PATENT OFFICE.

SAMUEL HOSFELD, OF PHILADELPHIA, PENNSYLVANIA.

MUSCLE-DEVELOPING FINGER-BAND.

SPECIFICATION forming part of Letters Patent No. 757,041, dated April 12, 1904.

Application filed January 4, 1904. Serial No. 187,721. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL HOSFELD, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Muscle-Developing Finger-Bands; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to devices for strengthening the muscles of the fingers.

The object of the invention is to provide a device of this character in the form of weights which may be applied to the fingers to strengthen them and render them supple, thereby facilitating the use or manipulation of the same in playing stringed or other musical instruments.

A further object is to provide adjustable rings or bands for holding the weights on the fingers and to provide means whereby weights of different sizes may be applied to the rings or bands.

With these and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be more fully described, and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a perspective view of a hand, showing the application of the devices to the fingers of the same. Fig. 2 is a side view of one of the devices. Fig. 3 is an edge view of the same. Fig. 4 is an enlarged vertical sectional view of the same.

In the embodiment of the invention an open ring or band 1 is provided, the inner ends of which are adapted to overlap. On one of said overlapping ends is formed a stud 2, the upper end of which is beveled or inclined, as shown at 3. In the opposite end of the ring are formed a series of perforations 4, any one of which is adapted to be engaged by the stud 2. By engaging the stud with the various holes the size or diameter of the ring or band may be varied, as will be understood, to permit the band to be adjusted snugly to the finger.

On the upper outer side of the band is formed or fixed a threaded post or stud 5, on which is adapted to be screwed weights 6, which may be of various sizes and of any suitable shape, being shown in the present instance as spherical.

The weights are preferably made in three sizes, thereby forming heavy, medium, and light weights, which may be readily screwed off from the posts or studs 5 on the bands or rings and interchanged to suit the requirements of the user.

When in use, the rings or bands are applied to the fingers of the left hand of the player between the first and second joints and do not interfere with the bending of the fingers. The weights are arranged on the upper side of the fingers and bands adjusted to snugly hold the same in position. Should the bands become loose on the fingers from any cause, they may be quickly tightened up by pressing the sides of the same together, thereby disengaging the perforations 4 of one end from the stud 2 on the other end and slipping the stud into the next perforation. This movement of the parts is facilitated by the beveled upper end of the stud 2, which will allow the perforated end of the ring to be forced inwardly over the same to reduce the size of the ring, but which will not permit the ends to be slipped apart in the other direction.

By the wearing of the weighted rings as herein described while playing stringed or other musical instruments the muscles of the operator's fingers are exercised, and consequently strengthened, and the fingers become supple, thereby enabling the operator to use the same with great rapidity and skill in performing technical and difficult work.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described my invention, what I

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

1. In a finger-exercising device for performers of musical instruments, the combination
5 of an open ring or band, means for adjustably connecting the ends of said ring together, a screw-threaded post formed on the upper side of said ring or band, and a weight having an interiorly-threaded aperture adapted to be
10 screwed onto said post, substantially as described.

2. In a finger-exercising device for performers of musical instruments, the combination
15 of an open ring or band having overlapping ends, perforations formed in one of said ends, a beveled stud formed in the opposite end to

adjustably engage said perforated end and hold the same against an opening movement but which will permit the ends to be slipped together to decrease the diameter of the ring, 20 a threaded stud arranged on the upper side of said ring, and a spherical weight adapted to be screwed on said threaded stud, substantially as described.

In testimony whereof I have hereunto set 25 my hand in presence of two subscribing witnesses.

SAMUEL HOSFELD.

Witnesses:

GEO. B. BUSH,
N. A. HOSFELD.