

No. 790,225.

PATENTED MAY 16, 1905.

F. PETERS.
PLATE LIFTER AND HOLDER.
APPLICATION FILED OCT. 1, 1904.

Fig. 1.

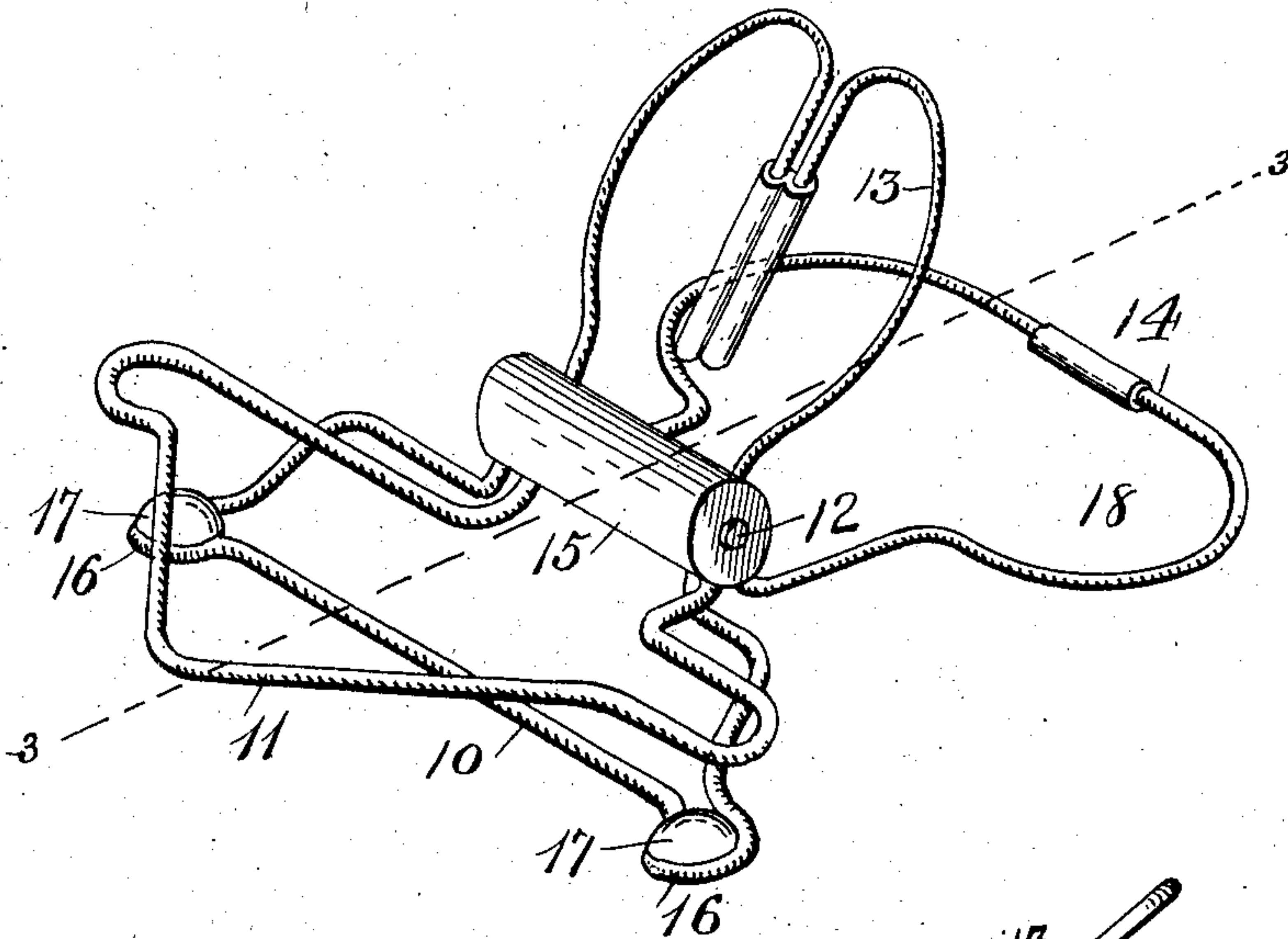


Fig. 2.

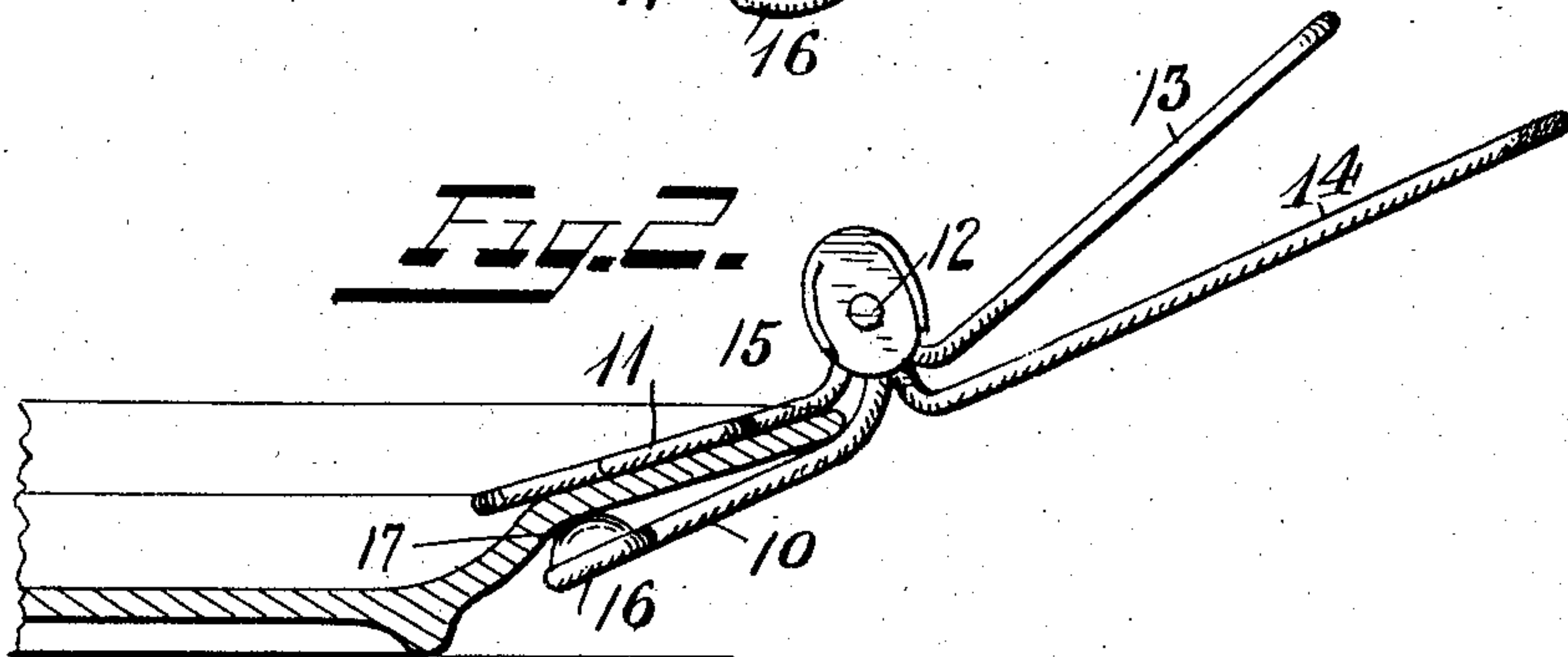


Fig. 3.

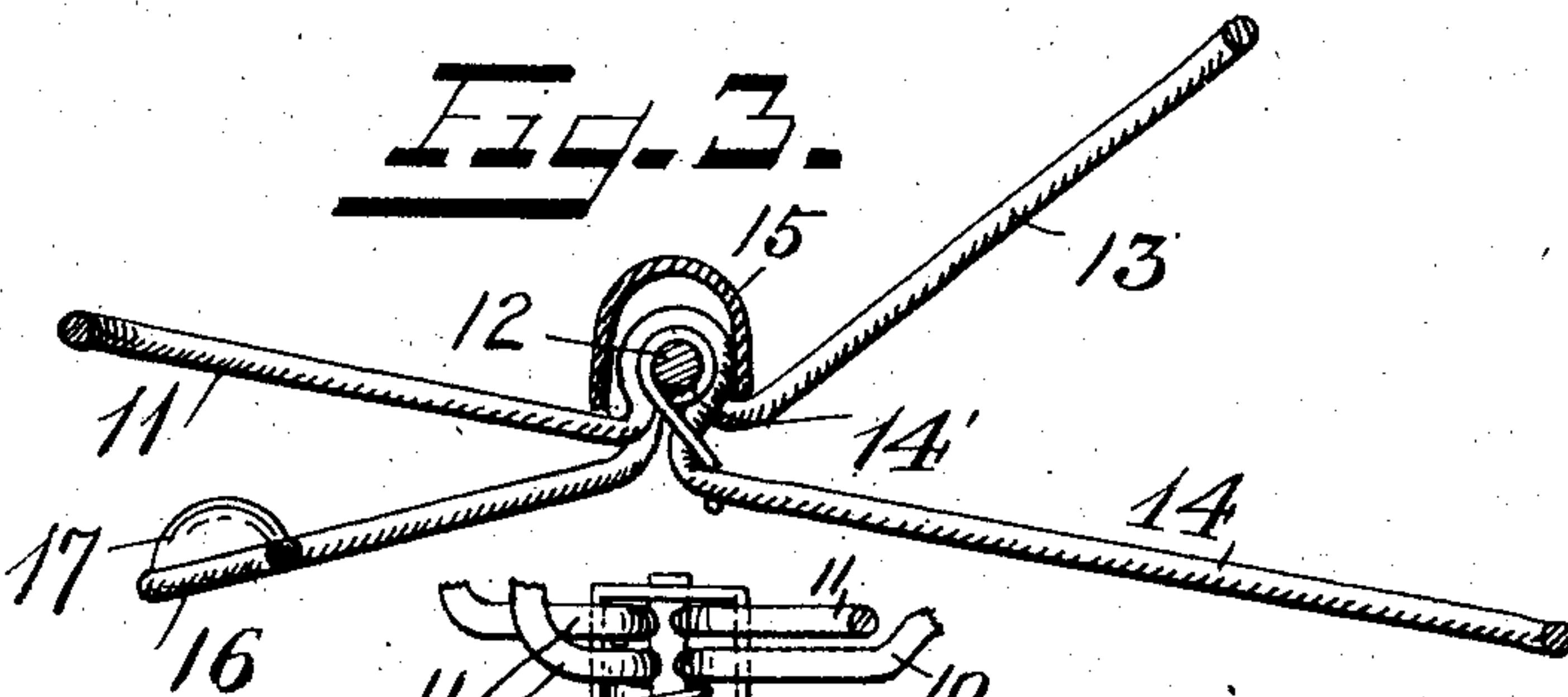


Fig. 4.

Witnesses:

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UNITED STATES PATENT OFFICE.

FREDERICK PETERS, OF NEWARK, NEW JERSEY.

PLATE LIFTER AND HOLDER.

SPECIFICATION forming part of Letters Patent No. 790,225, dated May 16, 1905.

Application filed October 1, 1904. Serial No. 226,859.

To all whom it may concern:

Be it known that I, FREDERICK PETERS, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented new and useful Improvements in Plate Lifters and Holders, of which the following is a specification.

This invention has relation to means for lifting or holding and moving or carrying about from place to place plates that are hot or the contents of which are hot, so as to heat the plate and make it difficult of handling with one hand, which is often desirable and always demanded by neatness in service.

It is the object of my invention to provide a plate-holder constructed from wire formed into a pair of jaws which may be adapted to engage the edge of the plate in such manner that the latter will not be liable to slip from place and that will enable the plate to be readily lifted and carried about from place to place by merely holding the handle.

It is well known to servants and others having it as their business to deal with dishes and other culinary articles that it is quite difficult to move or carry about plates with safety except with human hands. When the edge of the plate is grasped with anything like metallic jaws in order to lift or move it, there is great liability to breakage or of the plate slipping from place and falling or overturning.

In providing my present improvements I have kept in mind the foregoing-mentioned mischiefs and difficulties, as well as others, and have endeavored to completely remedy and overcome them. I have found that by making the jaws somewhat irregular, so long as they are not too greatly out of "balance," and by providing one jaw—say the lower—with rubber surfaces at points, so that they may hold frictionally, most, if not all, of the difficulties heretofore met with are overcome.

Reference is to be had to the annexed drawings, and to the numerals of reference marked thereon, forming a part of this specification, the same symbols of reference designating

the same parts of features, as the case may be, wherever they occur.

Of the drawings, Figure 1 is a perspective view of a plate holder or carrier embodying my invention. Fig. 2 is a view showing the holder and carrier engaged with the edge of a plate as in use. Fig. 3 is a central sectional view of Fig. 1, taken in the plane of line 3 3. Fig. 4 is a bottom view of the central part of the device.

The form of means shown in the drawings may be greatly varied and still embody my invention perfectly. With this understanding, 10 designates the lower jaw, and 11 the upper jaw, both of which have the wires at their base or inner ends bent to engage and hold the pivot-pin 12, upon which they are adapted to oscillate. A continuation of the wires rearwardly from the pivot-pin form the respective handles 13 and 14. The form of the bends of the wires in constructing the handles is not essential. It is only necessary that it should subserve the purpose in a way thought best. A spring 14' surrounds the pivot-pin and acts upon the handles with a tendency to open the jaws, and as a provision against inconveniences and accidents a hood 15 covers the entire joint or pivotal connection of the jaws and their handles. The lower jaw is broad and somewhat irregular in form and is provided at a plurality of points with loops 16, each of which engages and holds a boss or knob of rubber 17, adapted to come into contact with the under side of the plate and hold it frictionally. The upper jaw 10 is also of irregular form and may be composed entirely of wire. It may be broader than the lower jaw or, for that matter, narrower, but still so formed that it will bear down toward the antifriction-knobs 17 of the lower jaw. It is desirable to form the handle of the lower jaw with a wide open loop 18, so that the fingers of the hand may be passed therethrough and the handle of the upper jaw be pressed, as it were, into the loop of the lower jaw. Under this construction a very efficient, convenient, and durable plate

holder and carrier is provided and one that, it is believed, will meet all the wants of service in the handling of hot plates, where it is desirable that they may not be moved or carried by hand direct.

I claim—

1. A plate holder and carrier composed of wire, and comprising wide upper and lower jaws, pivotally connected, the lower jaw having portions of its wires formed into loops at a plurality of points, each loop engaging and holding a knob of rubber extending above the surface of the wire surrounding it to frictionally engage the edge of the plate.

2. A plate holder and carrier composed of wire, and comprising wide upper and lower jaws, pivotally connected, the lower jaw having portions of its wires formed into loops at a plurality of points, each loop engaging and holding a knob of rubber extending above the surface of the wire surrounding it to frictionally engage the edge of the plate, the two jaws

being of irregular form so as to bear upon the surfaces of the plates on different lines vertically.

3. A plate holder and carrier composed of wire, and comprising wide upper and lower jaws, pivotally connected, the lower jaw having portions of its wires formed into loops at a plurality of points at its outer extremities, each loop engaging and holding a knob of rubber extending above the surface of the wire surrounding it to frictionally engage the edge of the plate, a spring at the pivotal point to normally hold the jaws separated, and a hood covering the pivot and spring.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FREDERICK PETERS.

Witnesses:

ERNST HIRRSCHOFF,
ANTON PREDIGER.