

No. 756,924.

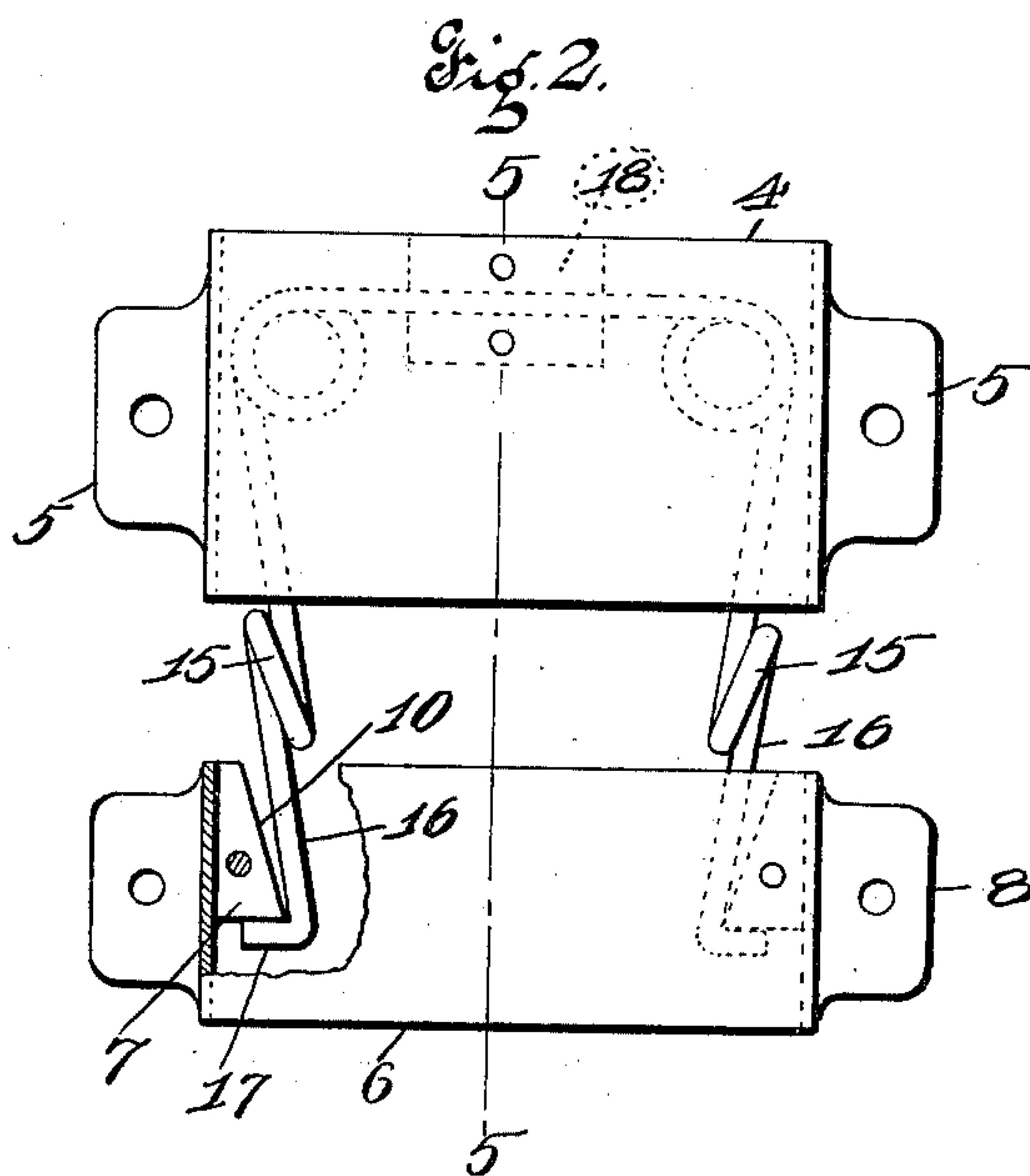
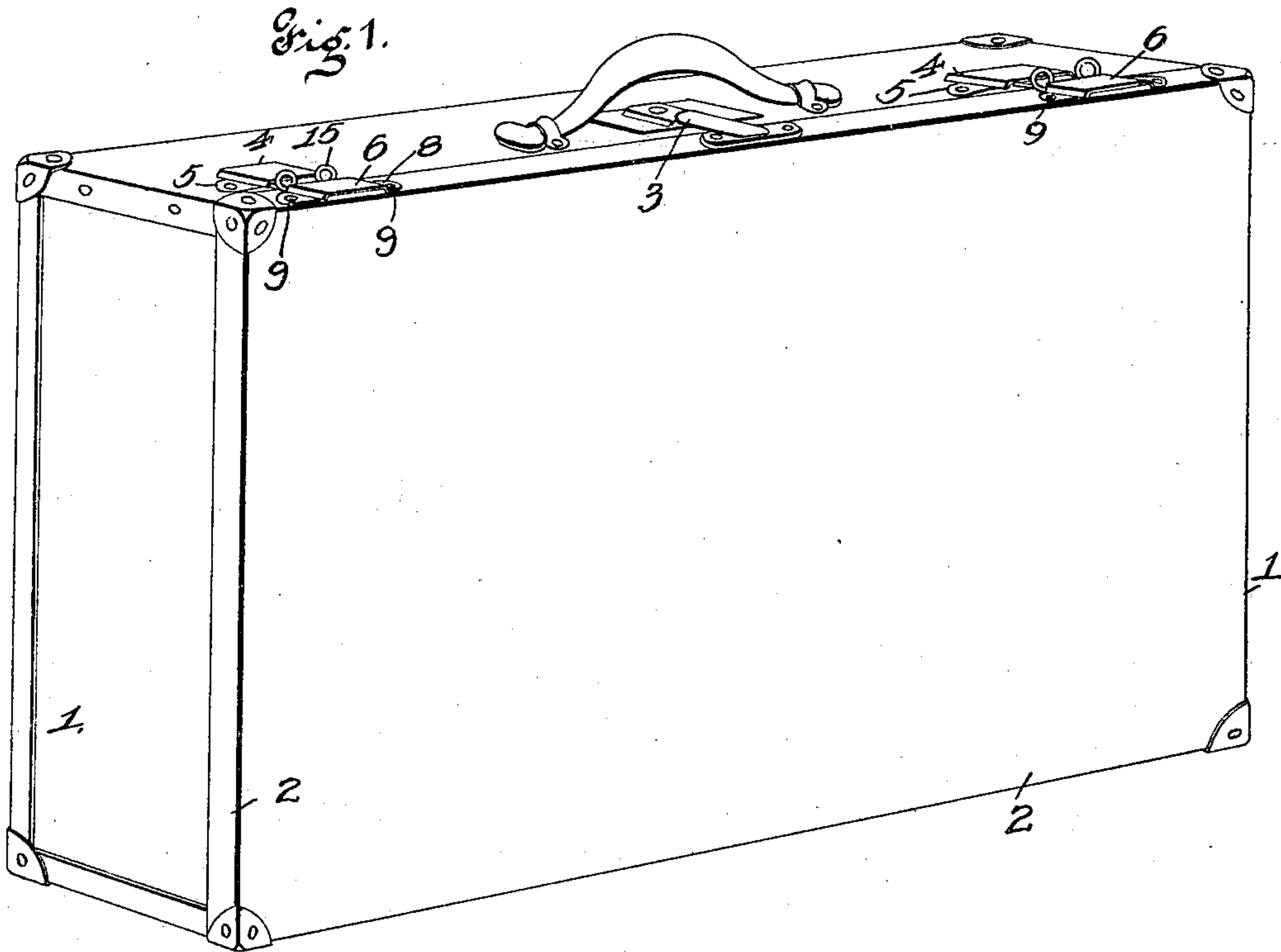
PATENTED APR. 12, 1904.

J. D. WOOD.
BAG FASTENER.

APPLICATION FILED JUNE 23, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses
Alfred A. Eicks
M. S. Linn

Inventor
John D. Wood
by Higdon & Longan & Hopkins
Attys

No. 756,924.

PATENTED APR. 12, 1904.

J. D. WOOD.
BAG FASTENER.

APPLICATION FILED JUNE 23, 1903.

NO MODEL.

2 SHEETS—SHEET 2.

Fig. 3.

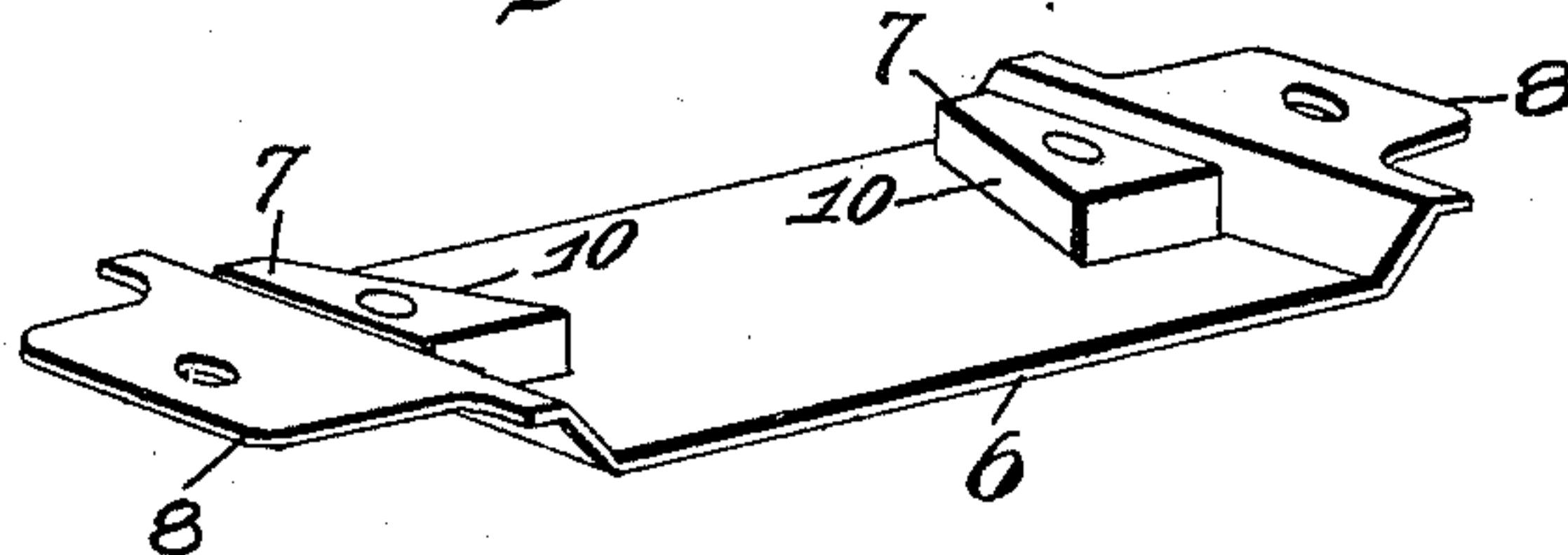


Fig. 4.

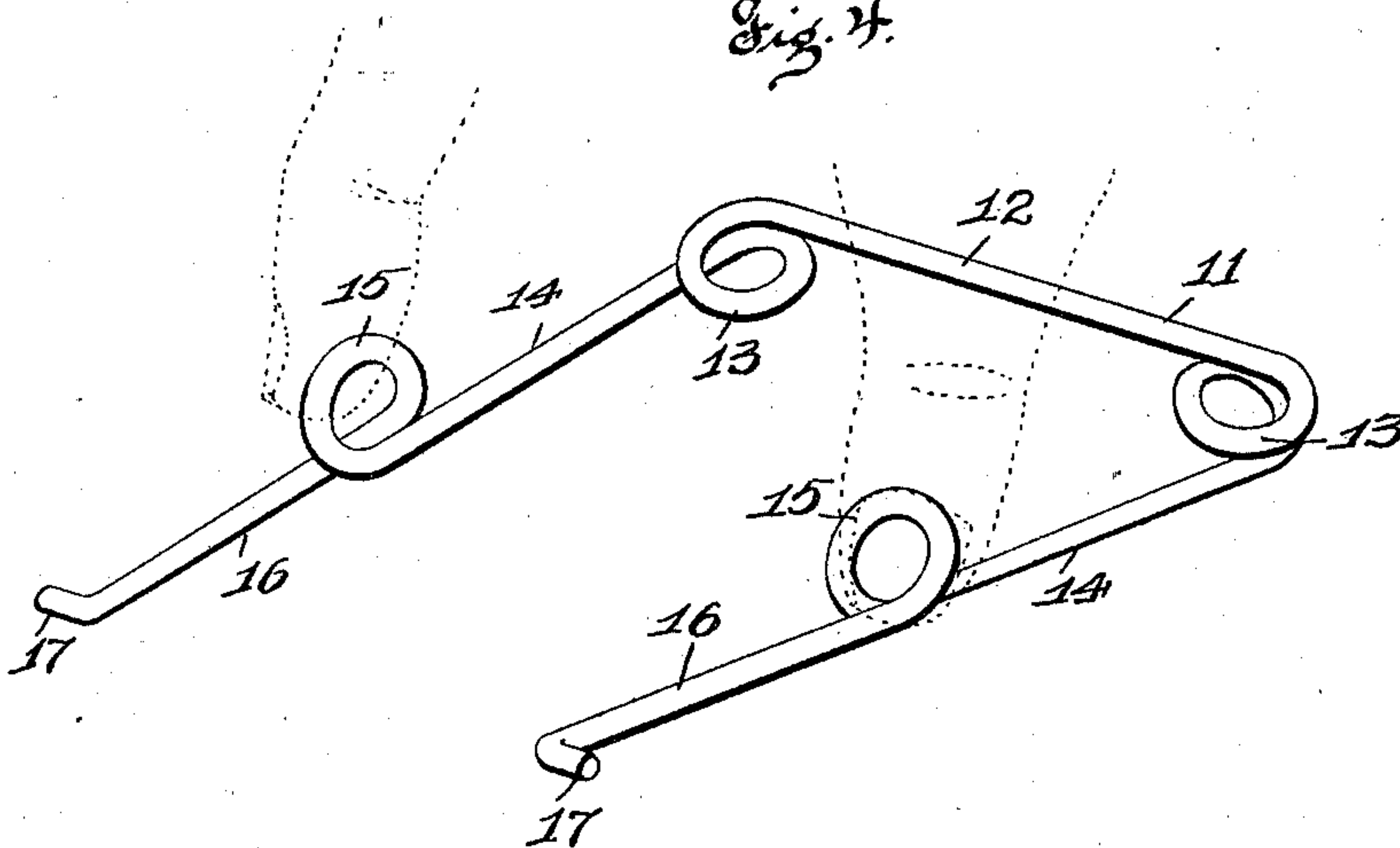
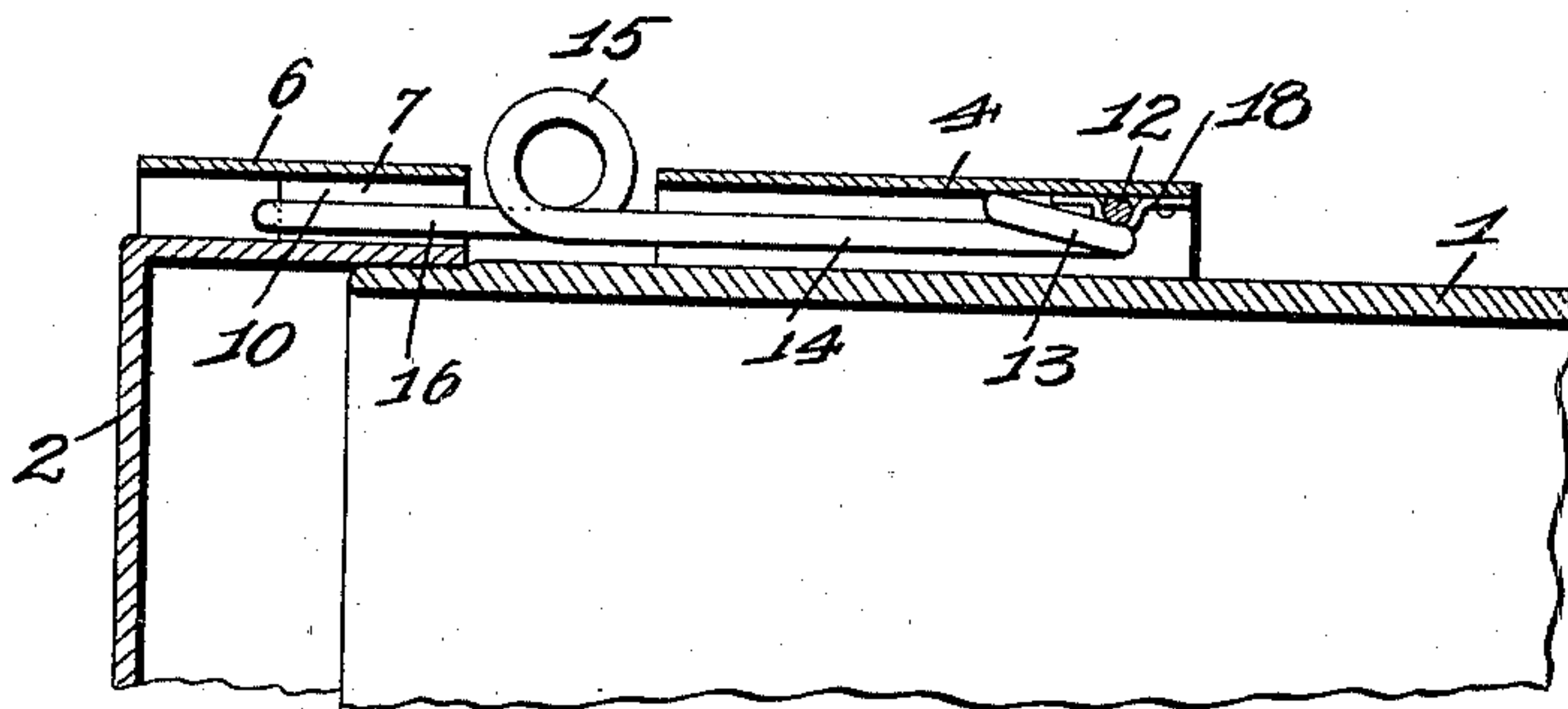


Fig. 5.



Witnesses
Alfred A. Lewis
Madison

Inventor
John D. Wood
by Higdon & Lorgan & Hopkins
attys

UNITED STATES PATENT OFFICE.

JOHN D. WOOD, OF ST. LOUIS, MISSOURI.

BAG-FASTENER.

SPECIFICATION forming part of Letters Patent No. 756,924, dated April 12, 1904.

Application filed June 23, 1903. Serial No. 162,825. (No model.)

To all whom it may concern:

Be it known that I, JOHN D. WOOD, a citizen of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in Grip-Fasteners, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to improvements in grip-fasteners; and it consists of the novel construction, combination, and arrangement of parts hereinafter shown, described, and claimed.

In the drawings, Figure 1 is a perspective view of a dress-suit case, showing my invention applied to same. Fig. 2 is a top plan view with parts broken away. Fig. 3 is a perspective view of a part of my invention. Fig. 4 is a perspective view of still another part of my invention. Fig. 5 is a sectional view taken on the line 5 5 of Fig. 2.

The object of my invention is to produce a grip-fastener which operates to fasten the grip automatically when the grip is closed.

Another object is to produce a fastener which when fastened produces a yielding or resilient connection between the body of the grip and the lid.

A still further object is to produce a fastener which is easily unfastened when it is desired to open the grip.

I have shown my invention applied to a dress-suit case; but it may be applied to an ordinary grip or traveling-bags of various descriptions.

Referring to the drawings, 1 indicates the body of the suit-case, and 2 the lid. The suit-case is provided with a lock 3 of ordinary construction.

Secured to the suit-case in any suitable and mechanical manner is a plate 4, which plate is provided with perforated ears 5.

Secured to the lid 2 is a plate 6, the same being provided with shoulders or engaging lugs 7, and said shoulders or engaging lugs are shown riveted onto the plate 6; but the plate 6 and lugs 7 may all be cast integral, if desired. The plate 6 is provided with perforated ears 8, which are secured to the lid

2 by means of rivets or brads 9. As shown in the drawings, the engaging lugs or shoulders 7 are flush with the inside surfaces of the perforated ears 8 and are also provided with inclined faces 10.

I will now proceed to describe the automatic spring catch or fastener.

11 indicates the fastener, which is illustrated in perspective in Fig. 4. Said fastener is provided with a straight portion 12, coils or loops 13, intermediate portions 14, coils or loops 15, which project at a right angle relative to the coils or loops 13, and with terminal portions 16, which terminate in hooks 17. The fastener 11 is made of a single piece of resilient wire or metal and is secured to the plate 4 by means of a cleat 18 and lies between the plate 4 and the body of the grip. It may be noted in this connection that each end of the suit-case is provided with my improved fastener—that is, the fasteners at each end of the grip or suit-case are identical in construction—and I have limited my description to one fastener at one end of the suit-case.

In operation when the lid of the suit-case is closed and the lock 3 is locked the terminal portions 16 of the fastener 11 and the hooks 17, carried thereby, automatically pass into the space between the plate 6 and the face of the lid, to which said plate is secured, and the hooks 17 engage with the shoulders 7, and thus the lid is fastened. In order to disengage or release the fastener and open the lid, it is only necessary to take hold of the loops or coils 15 with the thumb and forefinger, as illustrated, as in Fig. 4, press the same together, and the lid may be opened.

In the construction of my fastener there should be a little play left between the hooks 17 and the shoulders 7 when the lid is closed. The portion 12 of the fastener and the coils or loops 13 and 15 produce a resilient fastening device, so that when the lid is fastened there is really a resilient connection between the lid and the body of the suit-case. The portion 12 is also resilient, as well as the portions 14 and 16.

It will be seen that the fastener at each end of the suit-case has two hooks, so that if one breaks the other will hold the lid closed.

Then again as each suit-case is provided with a fastener at each end and each fastener is provided with two hooks the strain necessary to hold the lid closed will be distributed to
5 four points—that is, each of the hooks will receive a certain part of the strain or pressure. It will also be seen that the portion of each fastener which is attached to the body of the suit-case is resilient, and each fastener is
10 provided with a resilient arm carrying a hook.

Having fully described my invention, what I claim is—

1. A grip-fastener, comprising a plate 4, means for securing said plate to the body of
15 the grip, a plate 6 provided on its inner walls with shoulders, a fastener constructed of a single piece of wire and secured to said plate 4; said fastener 11 being provided with loops 13
20 concealed by the plate 4, and hooks 17 laterally and oppositely disposed on said fastener, adapted to be engaged with and released from the shoulders of said plate 4; and loops 15

formed intermediately of the loops 13 and hooks 17, substantially as specified.

2. A grip-fastener, comprising a plate 4, 25 means for securing said plate to the body of the grip, a plate 6 provided on its inner walls with shoulders, a fastener constructed of a single piece of wire and secured to said plate 4; said fastener 11 being provided with loops 13 30 concealed by the plate 4, and hooks 17 laterally and oppositely disposed on said fastener, adapted to be engaged with and released from the shoulders of said plate 4; loops 15 formed intermediately of the loops 13 and hooks 17; 35 and a cleat 18 for securing the fastener to the plate 4, substantially as specified.

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

JOHN D. WOOD

Witnesses:

ALFRED A. EICKS,
JOHN C. HIGDON.