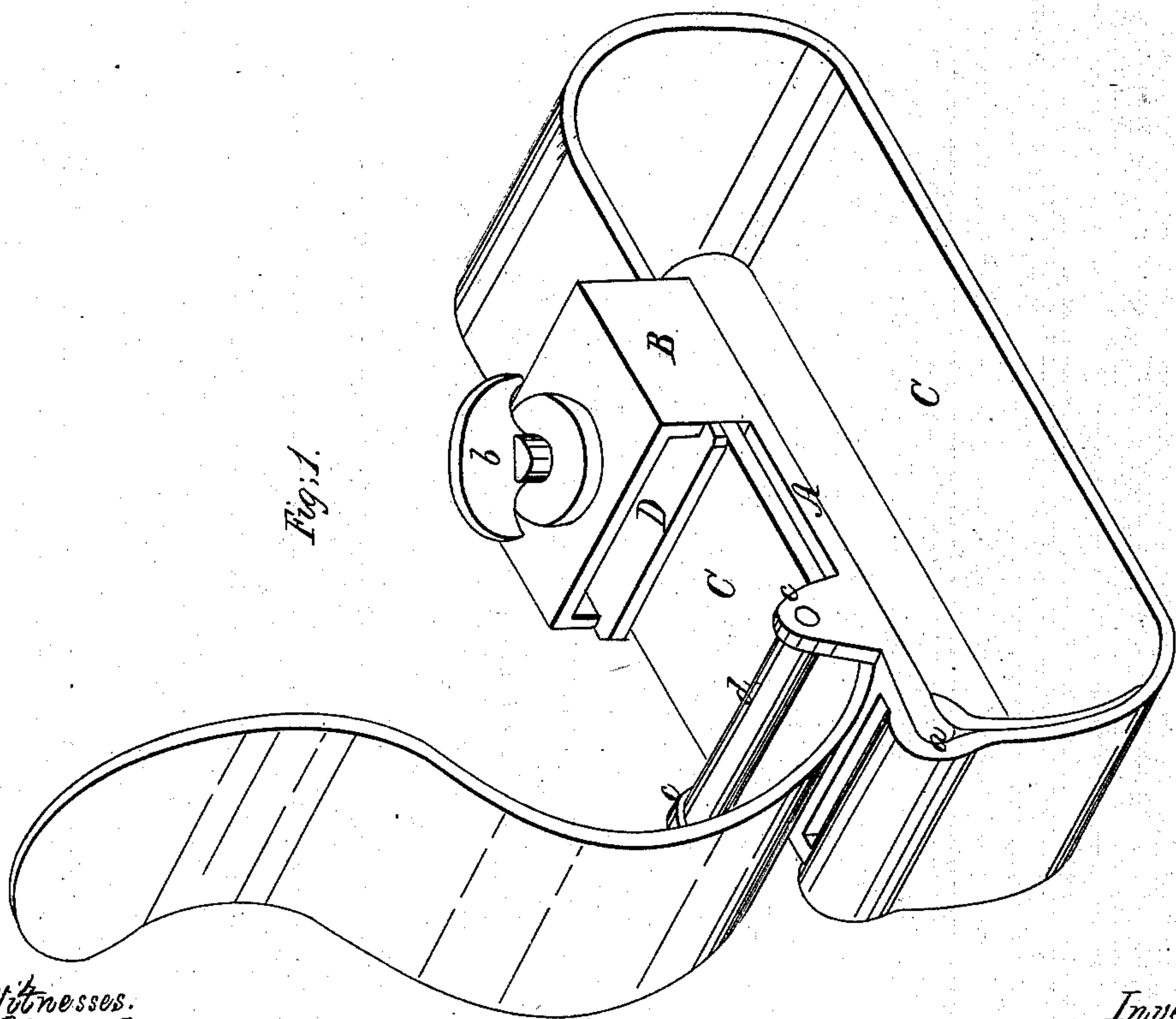
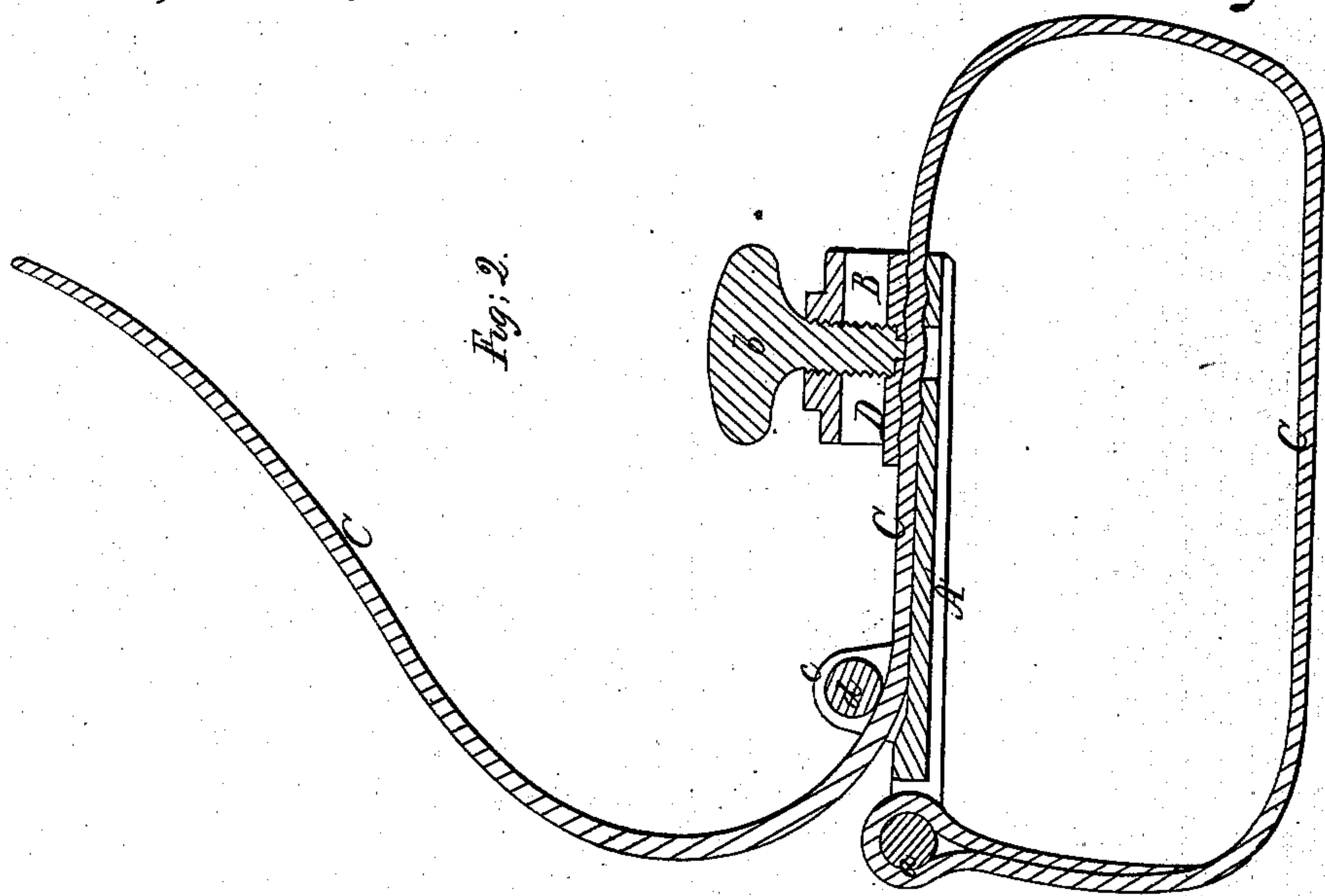


J. J. G. Fisher,

Buckle,

No. 49,252,

Patented Aug. 8, 1865.



Witnesses.
E. C. Carpenter
Beaumont & Mory.

Inventor.
John J. G. Fisher.

UNITED STATES PATENT OFFICE.

JOHN J. G. FISHER, OF FOXBOROUGH, MASSACHUSETTS.

IMPROVED CLAMP FOR STRAPS.

Specification forming part of Letters Patent No. **49,252**, dated August 8, 1865.

To all whom it may concern:

Be it known that I, JOHN J. G. FISHER, of Foxborough, in the county of Norfolk and State of Massachusetts, have invented an Improved Clamp or Holder for Straps, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a view of my improved clamp with a strap attached thereto. Fig. 2 is a longitudinal section through the center of the same.

My invention consists in a strap-fastener in which the strap is secured at any required point by means of a holding-plate working in a box or frame and operated by a screw or equivalent mechanical device for giving the required pressure, whereby the strap is held firmly without any liability of slipping, whether there be more or less strain upon it, and, the ordinary tongue-buckle being dispensed with, no holes are required to be made in the strap.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A is the base of the clamp, at one end of which is formed a box or frame, B, the sides of which are left open to allow of the passage of the strap C, one end of which is permanently secured at *a* to the opposite end of the clamp A.

D is a holding-plate, which fits snugly within the box B, and is forced down upon the strap C by means of a thumb-screw, *b*, which works in the top of the box B, and is secured at its lower end to the plate D, the two surfaces between which the strap is confined being slightly roughened or corrugated, so as to prevent it from slipping.

c c are standards rising from the base of the

clamp A, between which is hung the roll *d*, under which the strap C is passed, and which serves as a purchase over which to draw the strap tight, which can then be instantly secured in place by turning the screw *b*, without giving back or losing part of what has been gained by drawing it up, as is the case when inserting the tongue of an ordinary buckle, while (the roll *d* being of greater diameter than the ordinary roll of a buckle) more power can be applied, and the strap consequently drawn tighter.

It will thus be seen that the strap is held firmly between the base of the clamp and the plate D without marring or otherwise injuring it, while the strap is not weakened by holes, as when the ordinary tongue-buckle is used.

When it is desired to release the end of the strap C it is simply necessary to raise the plate D by turning the screw *b*, when the strap is free to be drawn out as required.

It is obvious that some other mechanical device than the screw *b* may be employed to force down the holding-plate D upon the strap without departing from the spirit of my invention.

The above-described fastener will be found particularly useful in strapping baggage and heavy loads onto wagons, and may be employed to great advantage to replace the ordinary tongue-buckle.

What I claim as my invention, and desire to secure by Letters Patent, is—

The holding-plate D, operated by the screw *b*, or equivalent mechanical device, in combination with the box or frame B, operating substantially as set forth.

JOHN J. G. FISHER.

Witnesses:

E. P. CARPENTER,
BAINBRIDGE MOWRY.