

J. W. Mayhew,

Shackle,

No 79,996,

Patented July 14, 1868.

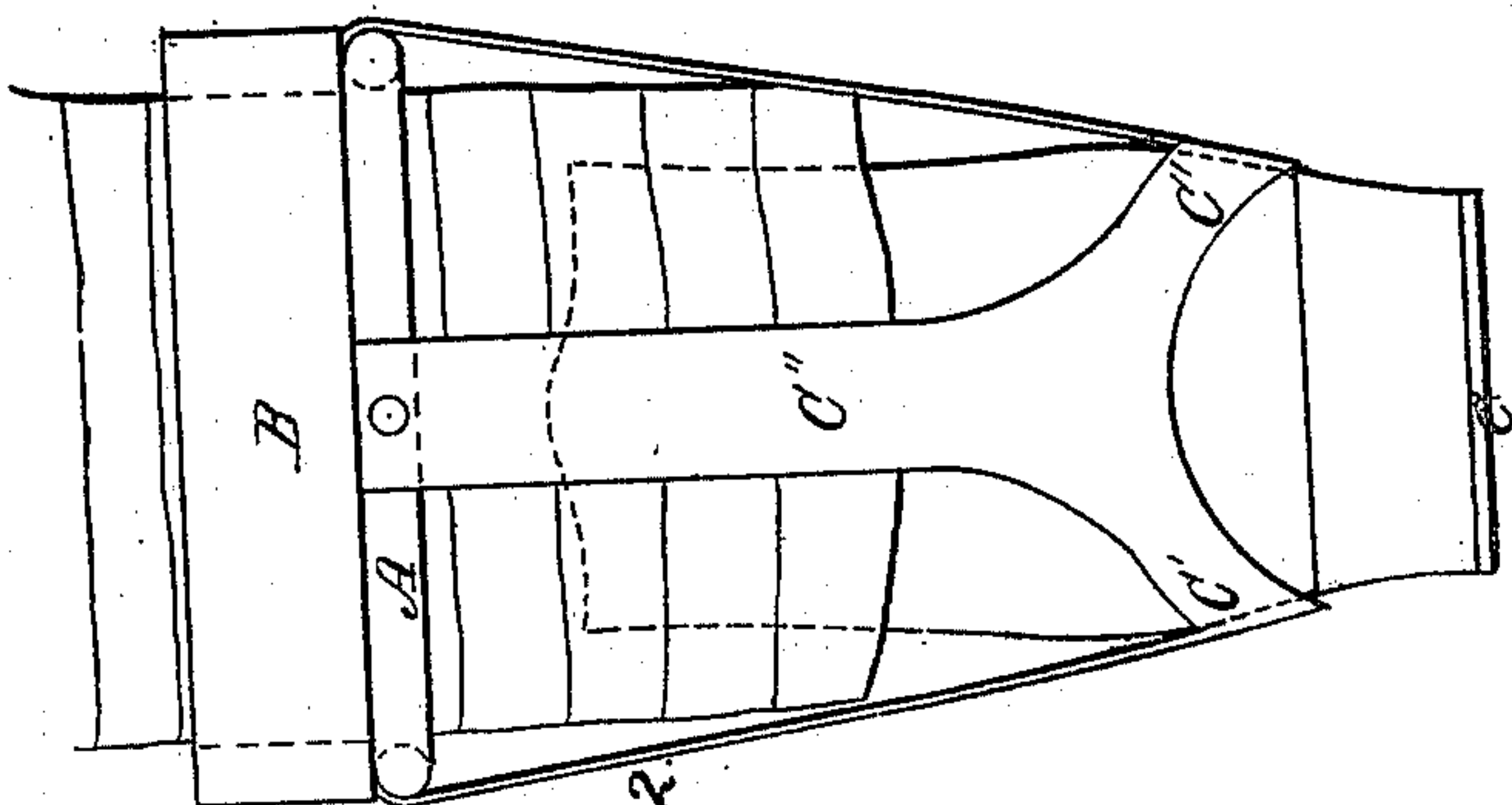


Fig. 2.

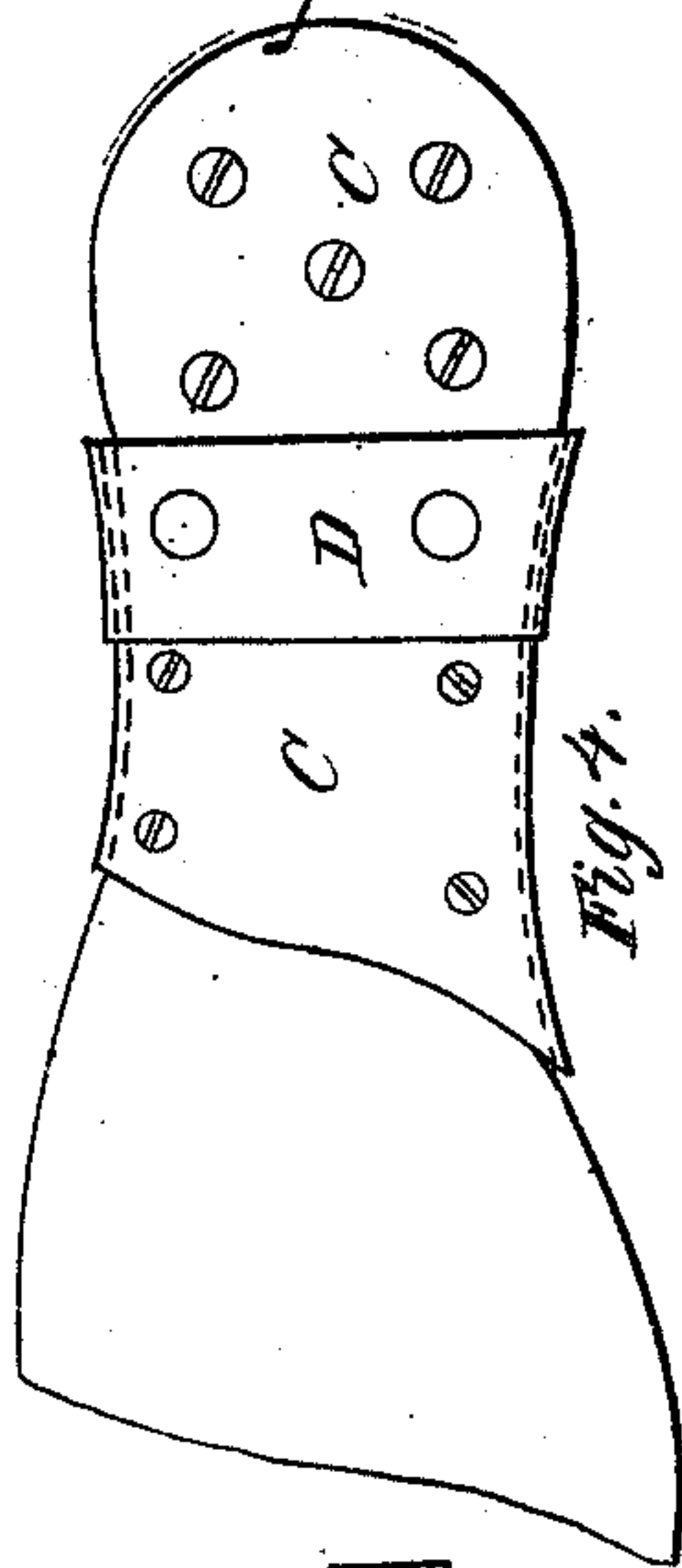


Fig. 4.

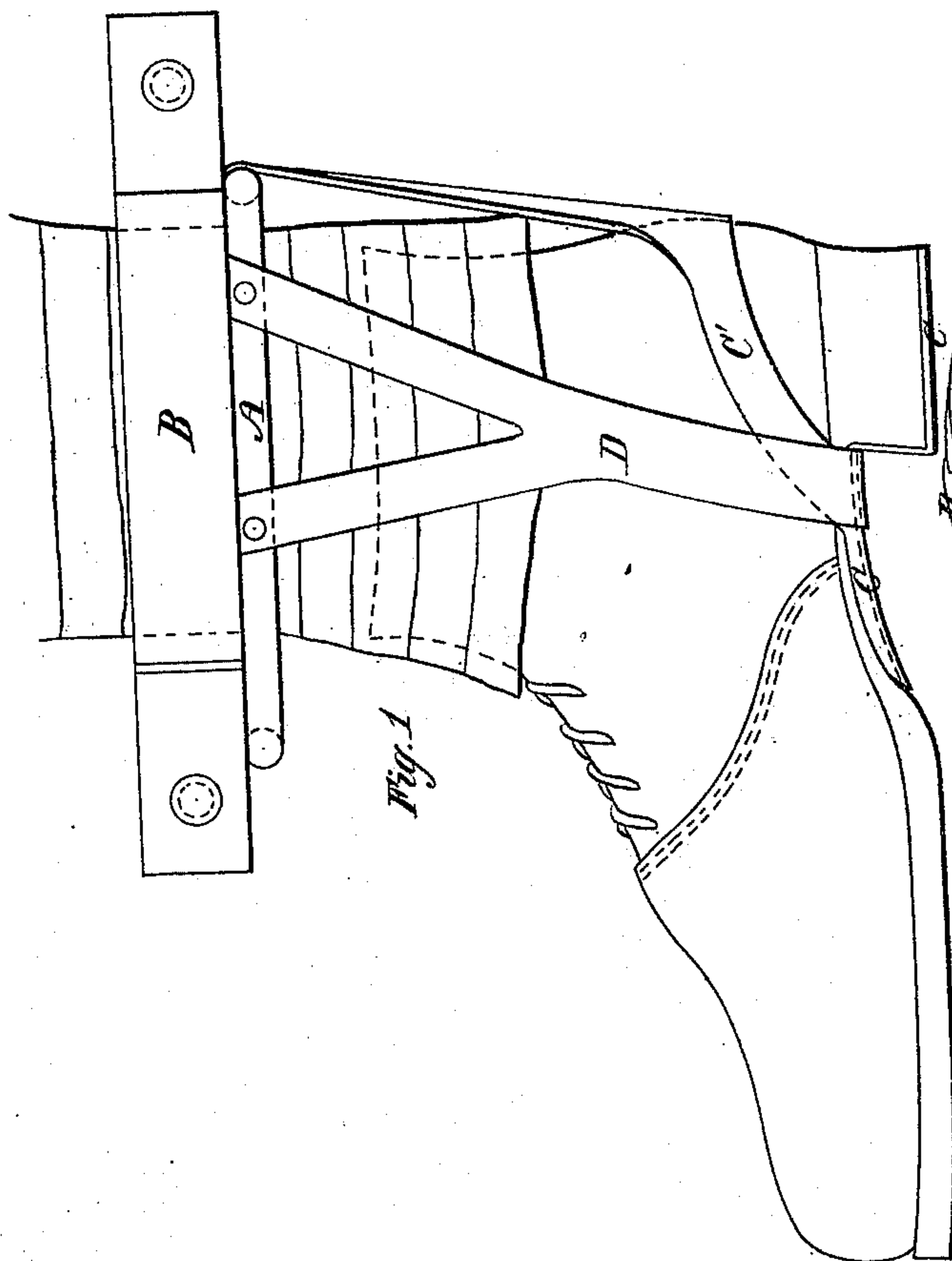


Fig. 1.

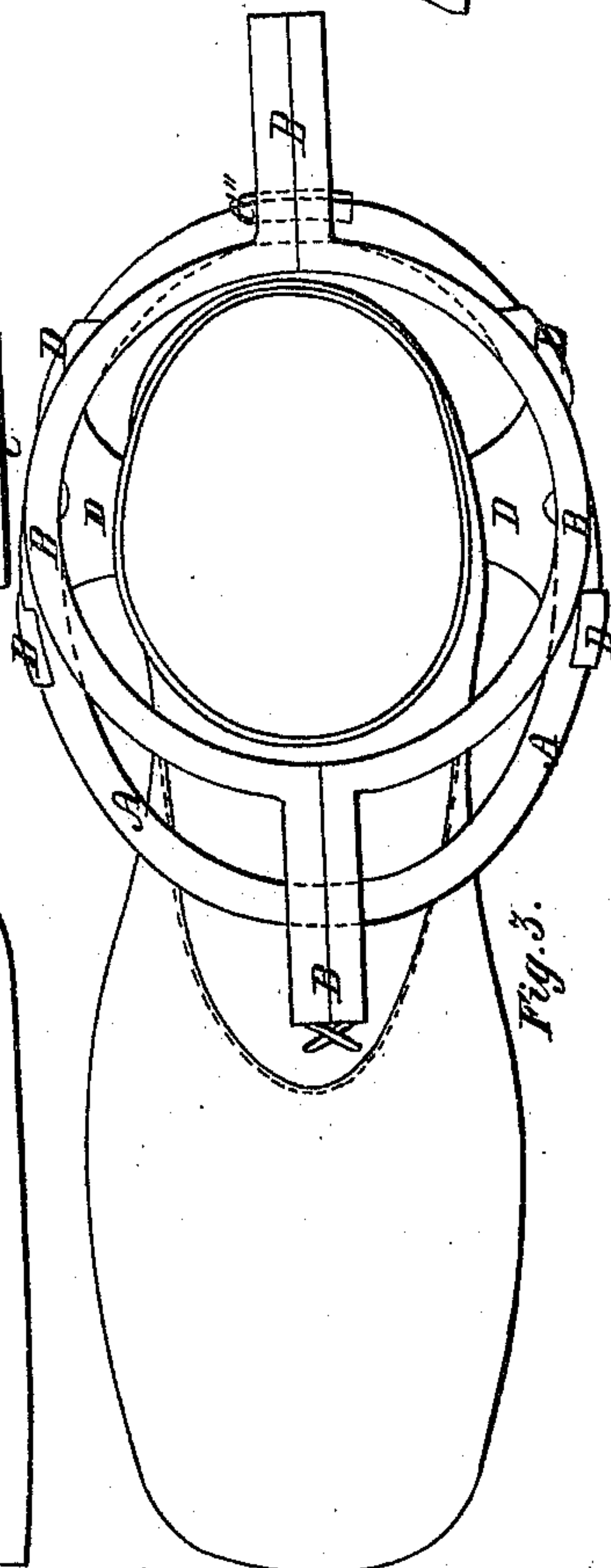


Fig. 3.

Witnesses.

Edo Pardey

Or M. Spaulding

Inventor.

John W. Mayhew

United States Patent Office.

JOHN W. MAYHEW, OF SAN FRANCISCO, CALIFORNIA.

Letters Patent No. 79,996, dated July 14, 1868.

IMPROVED SHACKLE-BEARER.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, JOHN W. MAYHEW, of the city and county of San Francisco, and State of California, have invented a new and improved device for supporting the shackle worn on the legs of prisoners and convicts, which I may call an "Improved Shackle-Bearer;" and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side view of my invention, showing its application to the foot of the wearer.

Figure 2 is back view of the same.

Figure 3 is a plan or top view, and

Figure 4 is an under side view, showing the mode of attaching and securing the device to the tread of the boot.

To enable others the better to understand my invention, I will proceed to describe its nature and objects, as follows:

This device, which may be called a stirrup or shackle-bearer, is designed to be worn by prisoners, with the object of providing a rest for the shackle worn on the leg, whereby the wearer is greatly relieved from the inconvenience and painfulness attending the continual wearing of an unsupported shackle-iron.

The device itself, as a new implement of manufacture, is not claimed as new, for the inventor is aware of devices, having the same general object and principle of construction involved, being in use; but all such devices, of which the inventor has knowledge, substantially differ with this my invention in detail of construction, and in this my new and improved mode of construction alone does my invention consist; and the improvement claimed is in the greater rigidity, strength, and durability obtained, and consequent less liability to become loose when long in use, thus being the better adapted to be worn with comparative ease and comfort.

I will here enter into a detailed description of the construction of my invention, as follows:

I form, out of a rod of iron, of, say, five-sixteenths of an inch or three-eighths of an inch diameter, a ring, A, sufficiently large to easily admit the foot, and permit the leg its necessary movement when in the act of walking; hence, this ring I propose to form oval-shaped, with its greater diameter set longitudinally with the foot, to accommodate the bending forward of the leg when the wearer is in the act of stepping forward.

This ring may be termed the bearer, and upon it the shackle B finds a rest. It is supported, at convenient height upon the leg of the wearer, by supports or braces, properly secured to the tread of the boot or shoe. The particular construction of these braces, in the which I claim originality, I will now describe.

To the tread of the boot or shoe is fastened a plate, C, which is made to cover entirely the waist and heel. This plate continues from on either side, at a point immediately at the back of the waist, and next to the heel, a narrow band of metal, which, passing around the heel, meets behind in the centre, and extending upwards to the ring A, is to it securely riveted, forming for it a substantial brace or support. This brace is secured to the tread of the shoe by four, more or less, metal screws at the waist, and, further, by five, more or less, similar screws, passing through the plate C, and firmly securing it to the heel.

The side braces (or brace, for it is in one entire piece) D, is formed of a band of thin iron, cut with forked or V-shaped ends. This band or stirrup-piece passes under the waist of the shoe, and upwards on either side of the ankle of the wearer. It is secured by its forked ends to the bearer-ring A with rivets, and is itself made fast to the tread of the shoe by two screws or rivets passing through itself, (the plate C,) which it overlaps, and the waist of the shoe.

It will be perceived that by the above-described manner of supporting and bracing the bearer-ring, a perfect rigidity is secured, and whilst it avoids the liability to become loose, as before suggested, it preserves simplicity of construction, and obtains greater strength and durability.

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

The manner of supporting and bracing the bearer-ring A, by means of the back brace C, formed and shaped as herein described, and secured to the tread of the shoe in the manner set forth, in combination with the side braces D, of the particular shape and construction described, having forked-shap ends.

JOHN W. MAYHEW.

Witnesses:

GEORGE PABDY,
N. W. SPAULDING.