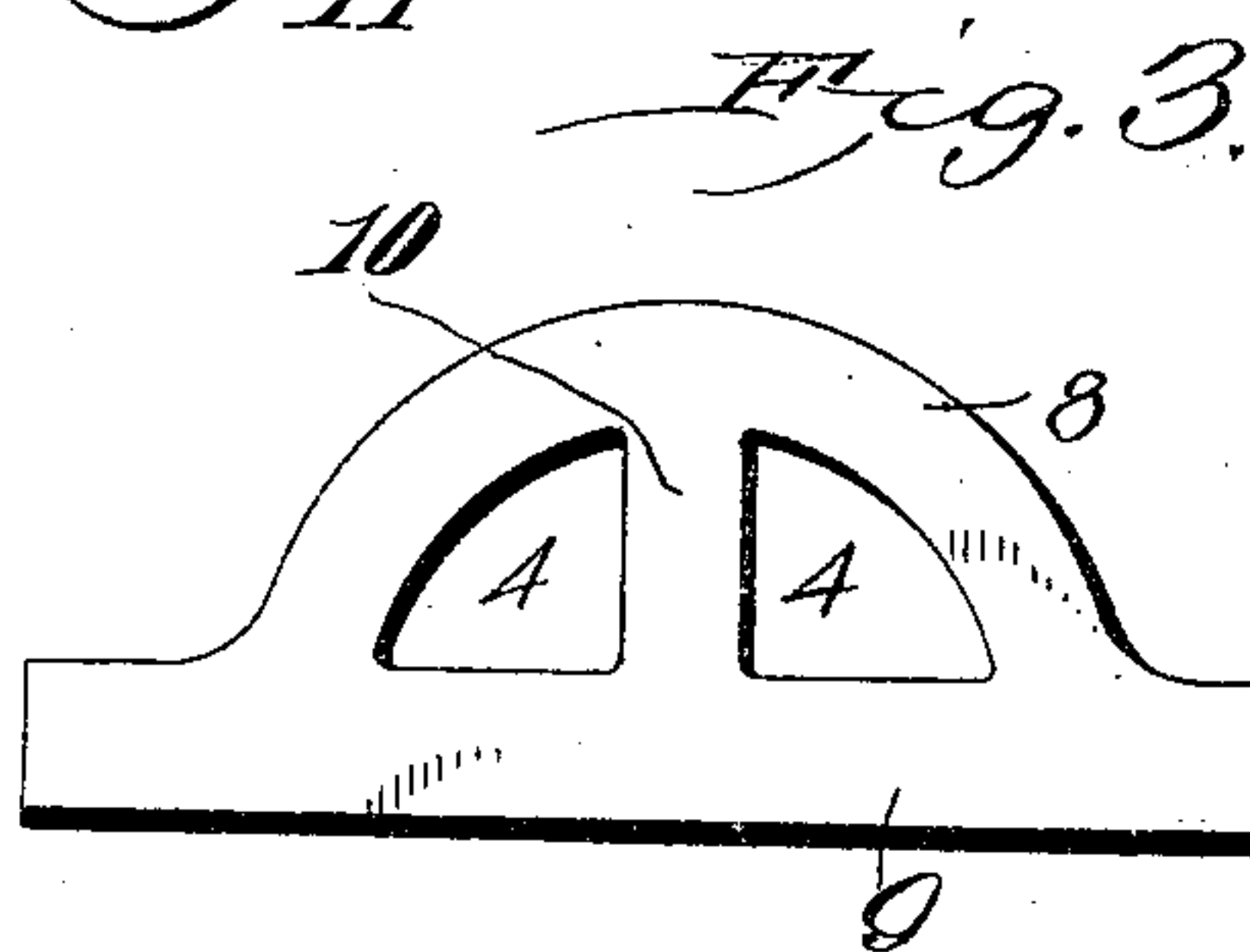
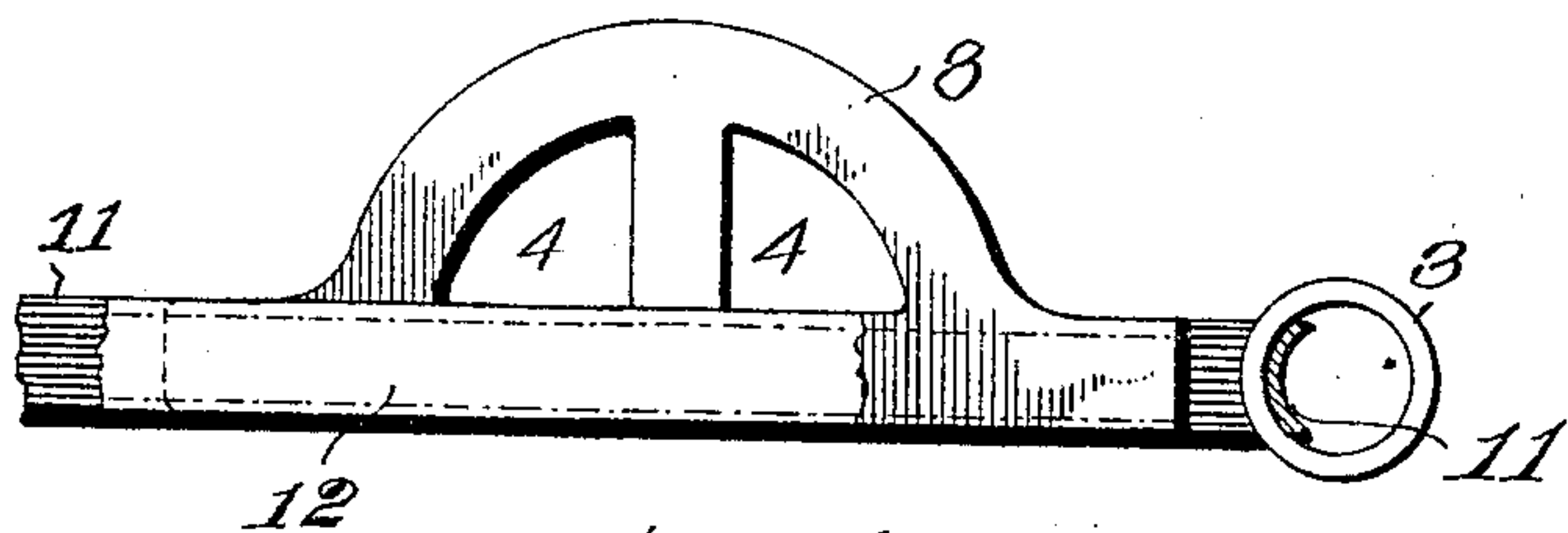
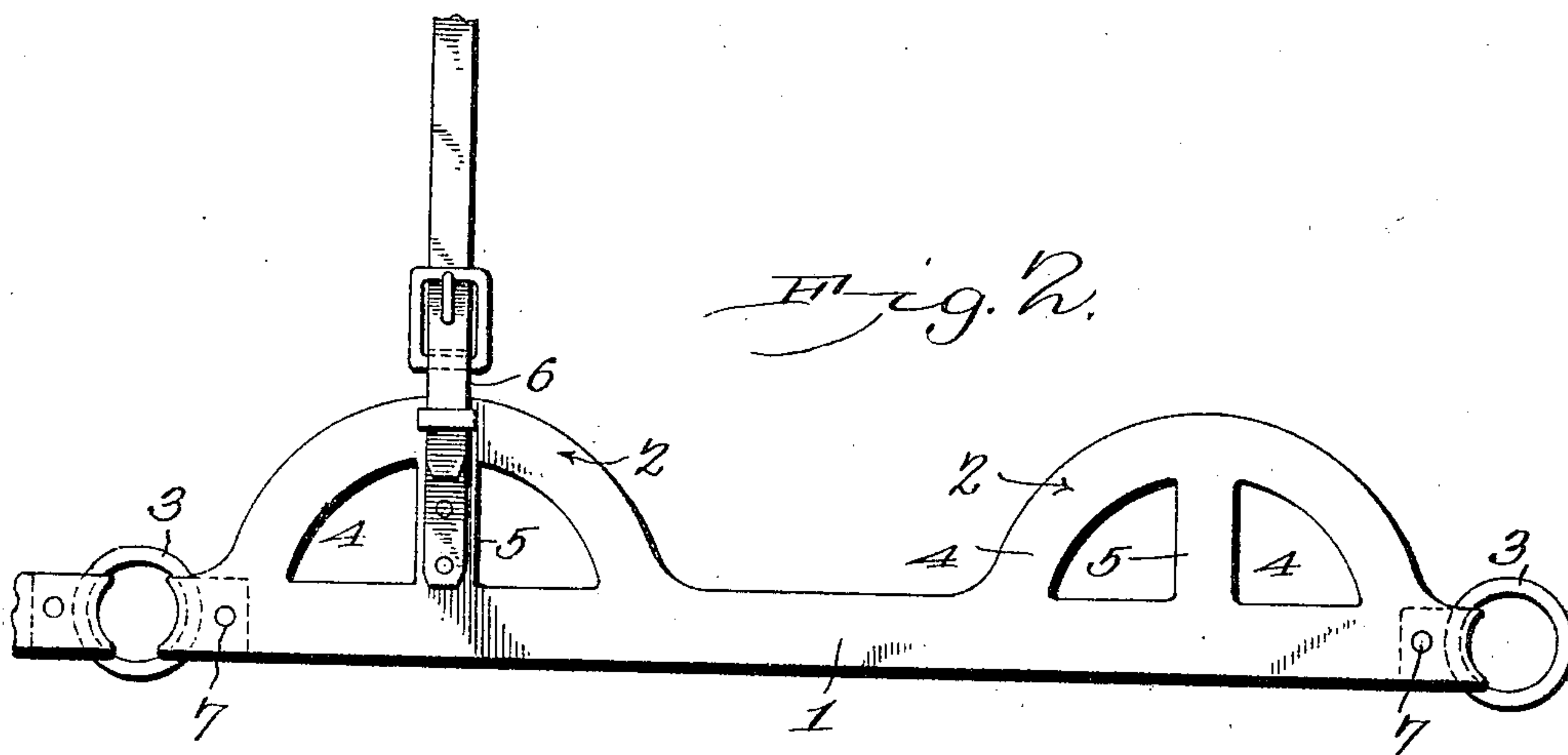
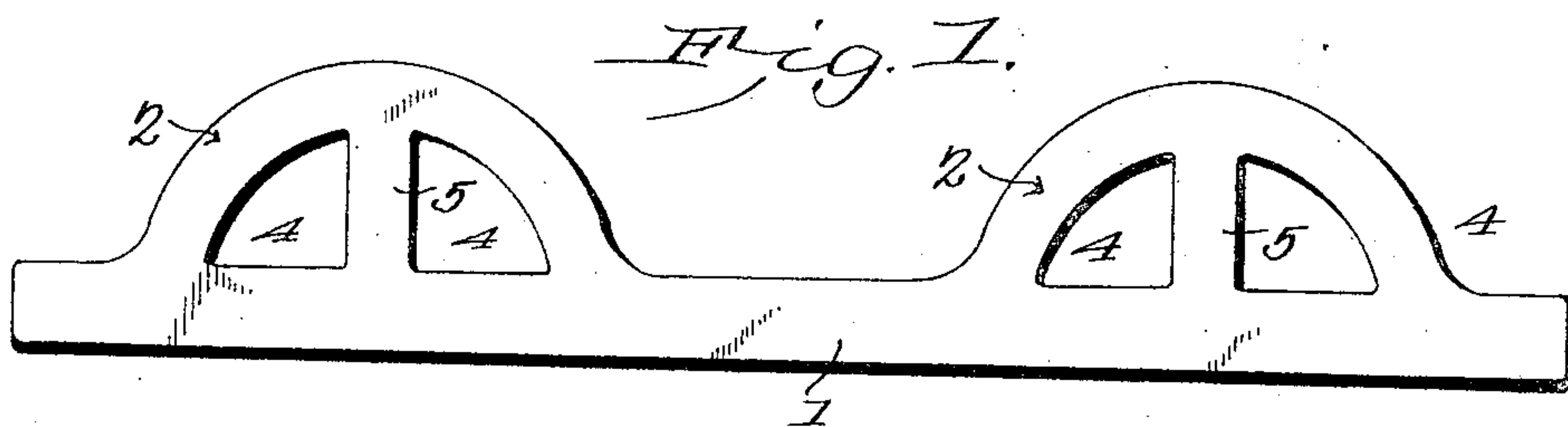


No. 824,568.

PATENTED JUNE 26, 1906.

W. E. MURRAY.
HARNESS BREECHING BRACE.
APPLICATION FILED APR. 13, 1904.



Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM ELILE MURRAY, OF GEYSERVILLE, CALIFORNIA.

HARNESS BREECHING-BRACE.

No. 824,568.

Specification of Letters Patent.

Patented June 26, 1906.

Application filed April 13, 1904. Serial No. 203,014.

To all whom it may concern:

Be it known that I, WILLIAM ELILE MURRAY, a citizen of the United States, residing at Geyserville, in the county of Sonoma and State of California, have invented a new and useful Harness Breeching-Brace, of which the following is a specification.

This invention relates generally to harness, and particularly to a novel form of breeching therefor.

The objects of the invention are to simplify the construction of a breeching, to obviate any sewing or riveting together of the parts, to dispense with the employment of the layer between which and the breeching proper the hip-strap braces are generally secured, to cheapen the cost of production of the breeching by conserving stock and by utilizing what would otherwise be wasted, to facilitate repairs of an ordinary breeching, and to eliminate certain objectionable features present in breechings of the usual construction.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel construction and combination of parts of a breeching and breeching-brace, as will be hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which like characters of reference indicate corresponding parts, there are illustrated two forms of embodiment of the invention each capable of carrying the same into practical operation, it being understood that the elements therein exhibited may be varied or changed as to shape, proportion, and exact manner of assemblage without departing from the spirit thereof, and in the drawings—

Figure 1 is a view in elevation of a breeching constructed in accordance with the present invention. Fig. 2 is a similar view exhibiting the manner in which the holdback-strap and hip-straps are associated with the breeching. Fig. 3 is a view in elevation of a repair-brace for breechings. Fig. 4 is a similar view, partly in section, exhibiting the manner in which the repair-brace is assembled with the breeching-strap of the ordinary construction.

Referring to the drawings and to Figs. 1 and 2 thereof, 1 designates the body of the breeching, from one edge of which project the hip-strap stays 2, which are integral with the body and are disposed a sufficient distance from the terminals thereof to provide for the

attachment thereto of the breeching-rings 3. Each of the stays has a part of its stock cut away, as shown at 4, to present a strip or bar 5, which subserves the dual function of forming a means of attachment for the hip-strap buckle-loop 6 and also of reinforcing the stays. In assembling the breeching-rings with the body of the breeching the terminals of the latter are looped through the rings and are then secured to the body in any preferred manner, as by rivets 7, or, if preferred, the terminals may be stitched to the body. The hip-strap buckle-loops 6 are secured to the strips or bars 5 either by stitches or by means of rivets, as shown.

In the production of the breeching no special style of machinery is required, as all that will be necessary for a harness-maker to do will be to mark upon the leather the outline of the breeching and then cut the same from the side of leather, after which by the employment of an appropriate punch the eyes or openings 4 may be formed.

As the stays are integral with the body of the breeching, the employment of an ordinary layer between which the terminals of the stays of the usual construction are stitched is rendered unnecessary, thereby not only simplifying the construction, and thus reducing the cost of the breeching, but also materially conserving stock, inasmuch as the leather usually employed for the layer may be utilized for other purposes. If for ornamental purposes it be desired to combine a false layer with the breeching, this may be done; but with the present invention such element is rendered unnecessary.

As is well known, the tearing or breaking away of the stays from the body of the breeching is a source of constant annoyance to all harness-makers, and by making all these parts integral in the manner herein described this objectionable feature is positively eliminated.

In the making of harness there is always present a large amount of scraps, which usually are wasted. It is one of the objects of the present invention to conserve this waste product in the production of a repair-brace, and this is shown in Figs. 3 and 4, wherein the stay 8, body portion 9, and strip or bar 10 are constructed in the same manner as those already described, and this brace is positioned between the brace-strap 11 and layer 12 upon ordinary breeching. By the employment of this repair-brace strength is imparted to the repaired harness and repairs are facilitated.

Of course it is to be understood that the parts of the breeching of this invention may be ornamented by being embossed or otherwise to present a finished or ornamental appearance, and as this will be readily understood illustration thereof is deemed unnecessary.

Having thus described my invention, what I claim is—

1. A breeching having integral hip-strap stays provided with intermediate strips or bars to form a means of attachment to the hip-strap loops.

2. A breeching having integral hip-strap stays provided with intermediate strips or bars to form a means of attachment to the hip-strap loops, and terminal extensions to form a means of attachment to the breeching-rings.

3. As a new article of manufacture, a brace for repairing breechings comprising a body, a hip-strap stay, and a strip or bar to form a

means of attachment to the hip-strap loop, all the parts being integral.

4. A breeching comprising a body, stays at each end thereof, the stays being each composed of three sections passing from the body of the breeching at different points and running into each other at their upper ends, said breeching body and stays being formed of an integral piece of leather cut into the specified form, hip-straps, means for connecting the hip-straps with the stays, holdback-straps and means for connecting the holdback-straps respectively to the ends of the breeching.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM ELILE MURRAY.

Witnesses:

JAMES N. MURRAY,

HENRY M. HASTINGS.