

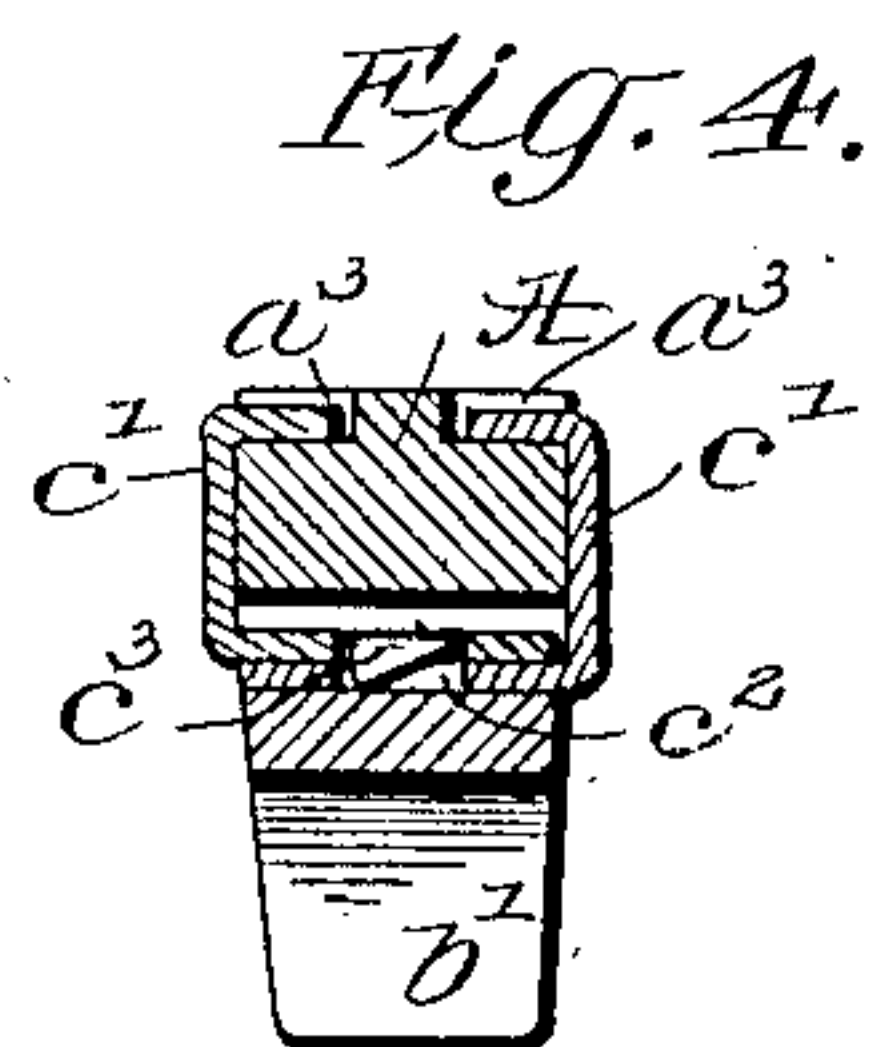
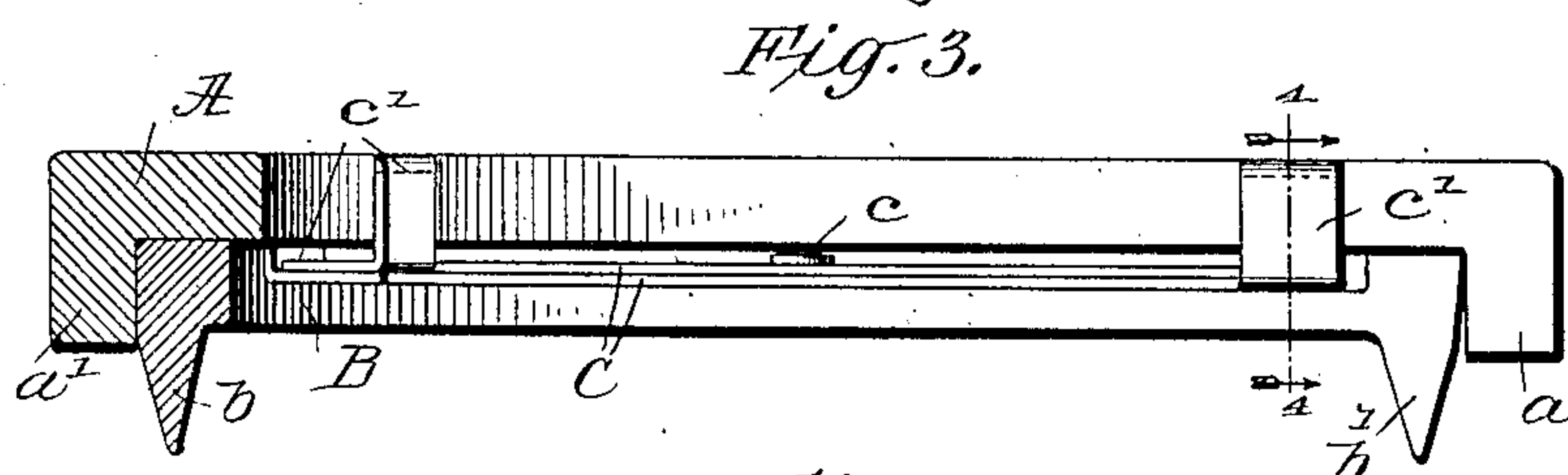
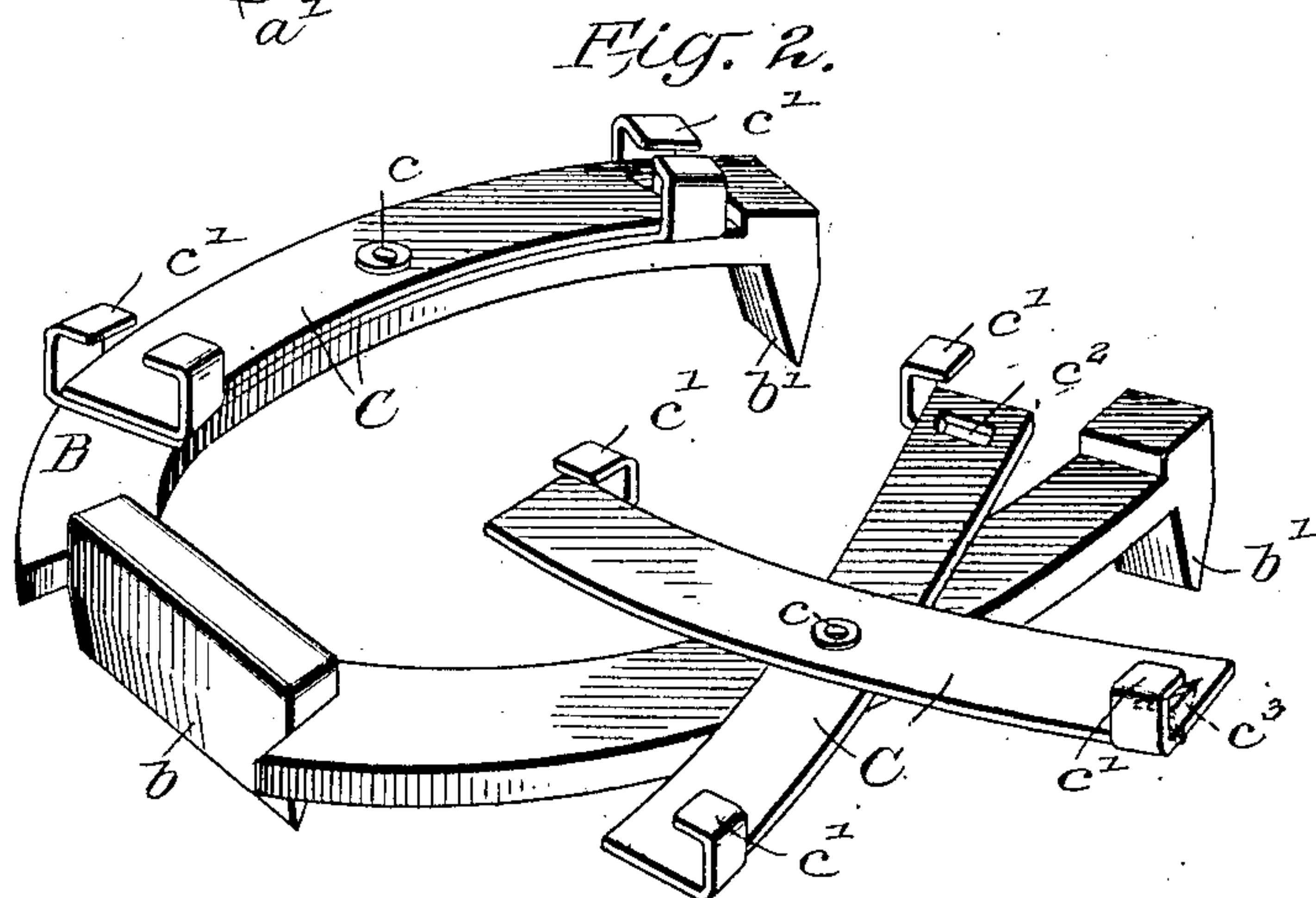
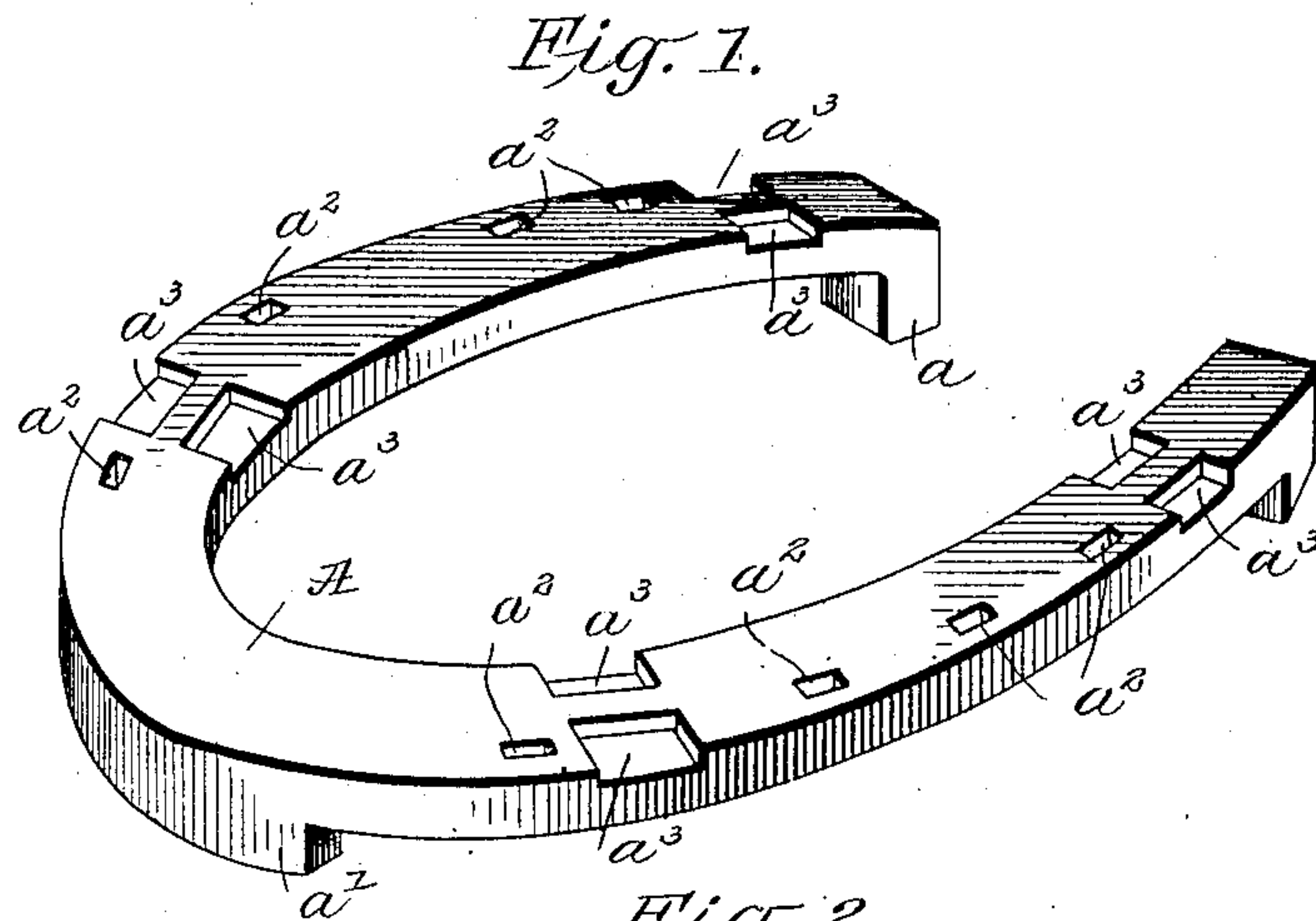
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E. M. DUNN & W. H. FRANCIS.

HORSESHOE.

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WITNESSES

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HORSESHOE.

No. 882,494.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, EDWARD MAXON DUNN and WALTER HOWARD FRANCIS, citizens of the United States, and residents of Fairhaven, in the county of Bristol and State of Massachusetts, have made certain new and useful Improvements in Horseshoes, of which the following is a specification.

Our invention is an improvement in horse-shoes, and consists in certain novel constructions and combinations of parts hereinafter described and claimed.

Referring to the drawings forming a part hereof—Figure 1 is a perspective view of the shoe proper, Fig. 2 is a perspective view of the detachable facing, Fig. 3 is an end view of the complete shoe partly in section, and Fig. 4 is a section on the line 4—4 of Fig. 3.

The present embodiment of our invention, comprises a shoe proper A, and a detachable facing B, the shoe proper being provided with the ordinary heel calks a and toe calk a' , together with the nail holes a^2 , whereby to attach the shoe proper to the hoof. In addition a plurality of pairs of notches a^3 are provided on the inner face of the shoe proper, the said pairs being arranged at spaced distances from each other, as shown in Fig. 1, and the members of the pairs being upon opposite sides of the shoe.

The facing B, is provided with a toe calk b , and with heel calks b' , and is adapted to be secured to the outer face of the shoe proper, the calks of the facing resting inside of the calks of the shoe proper as shown in Fig. 3.

Each arm of the facing has pivoted thereto a pair of scissors plates C, by a rivet c or other suitable means, and each of the scissors plates is provided at its ends with an overhanging lug c' , the lug at one end being at the opposite side from the lug at the other end as shown in Fig. 2. These overhanging lugs are adapted to engage the notches a^3 of the shoe proper as shown in Figs. 3 and 4, whereby to retain the facing on the shoe proper.

One of the plates of each pair is provided with a slot c^2 as shown in Figs. 2 and 4, and the other member of the pair is provided with a tooth or catch c^3 for engagement by the notch whereby to lock the scissors plates in position.

In the ordinary operation of the device, the shoes A, which are ordinary horse shoes,

with the exception of notches a^3 , are nailed to the hoof. When the calks become dull or when it is desired to put sharp calks on the shoe, the scissors plates of the facing are extended as shown at the right of Fig. 2, and the facing is applied to the outer face of the shoe, with the calks of the facing inside of the calks of the shoe. When the scissors plates are closed as shown at the left of Fig. 2, the overhanging lugs engage in the notches and the tooth c^3 engages the notch c^2 to lock the plates together and to retain the facing on the shoe proper.

When it is desired to remove the facing, a sharp edged tool, such as a chisel, is inserted between the locked ends of the scissors plates and the upper plate is lifted sufficiently to permit the disengagement of the tooth from the slot, after which the blades may be opened to release the shoe.

1. A horse shoe, comprising a shoe proper provided with a plurality of spaced pairs of notches on its inner face, and a detachable facing for the shoe, said facing being provided with toe and heel calks, a pair of scissors plates pivoted to each arm of the facing and provided at each end with an overhanging lug for engaging into a notch, whereby to retain the facing in place on the shoe, the lug at one end of the plate being on the opposite side to the lug at the other end of the plate, one of said plates being provided with a slot, and the other with a catch for engaging into the notch whereby to lock the plates together.

2. A horse shoe comprising a shoe proper, provided with a plurality of notches on its inner face and a detachable facing for the shoe, a pair of scissors plates pivoted to each arm of the facing and provided at each end with an overhanging lug for engaging the inner face of the shoe, whereby to retain the facing in place, the lug at one end of each plate being on the opposite side to the lug at the other end, and means for locking the plates in closed position.

3. A horse shoe comprising the shoe proper, and a detachable facing for the shoe, and means for securing the facing to the shoe, said means comprising scissors plates pivoted to the facing, and provided at each end with a lug for engaging the inner face of the shoe whereby to retain the facing on the shoe, and means for locking the plates in closed position.

4. A facing for horse shoes, said facing be-

ing shaped to fit the shoe and being provided with toe and heel calks, and means for securing the facing to the shoe, said means comprising scissors plates pivoted to the facing, 5 and provided at each end with a lug for engaging the inner face of the shoe whereby to retain the facing on the shoe, and means for locking the plates in closed position.

10 5. A horse shoe comprising a shoe proper, a detachable facing for the shoe, and scissors plates pivoted to the facing and provided with lugs for engaging the shoe to retain the

facing in place and means for locking the plates in closed position.

6. A horseshoe comprising the shoe proper, 15 a detachable facing for the shoe, and scissors plates pivoted to the facing and provided with lugs for engaging the shoe whereby to retain the facing on the shoe.

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