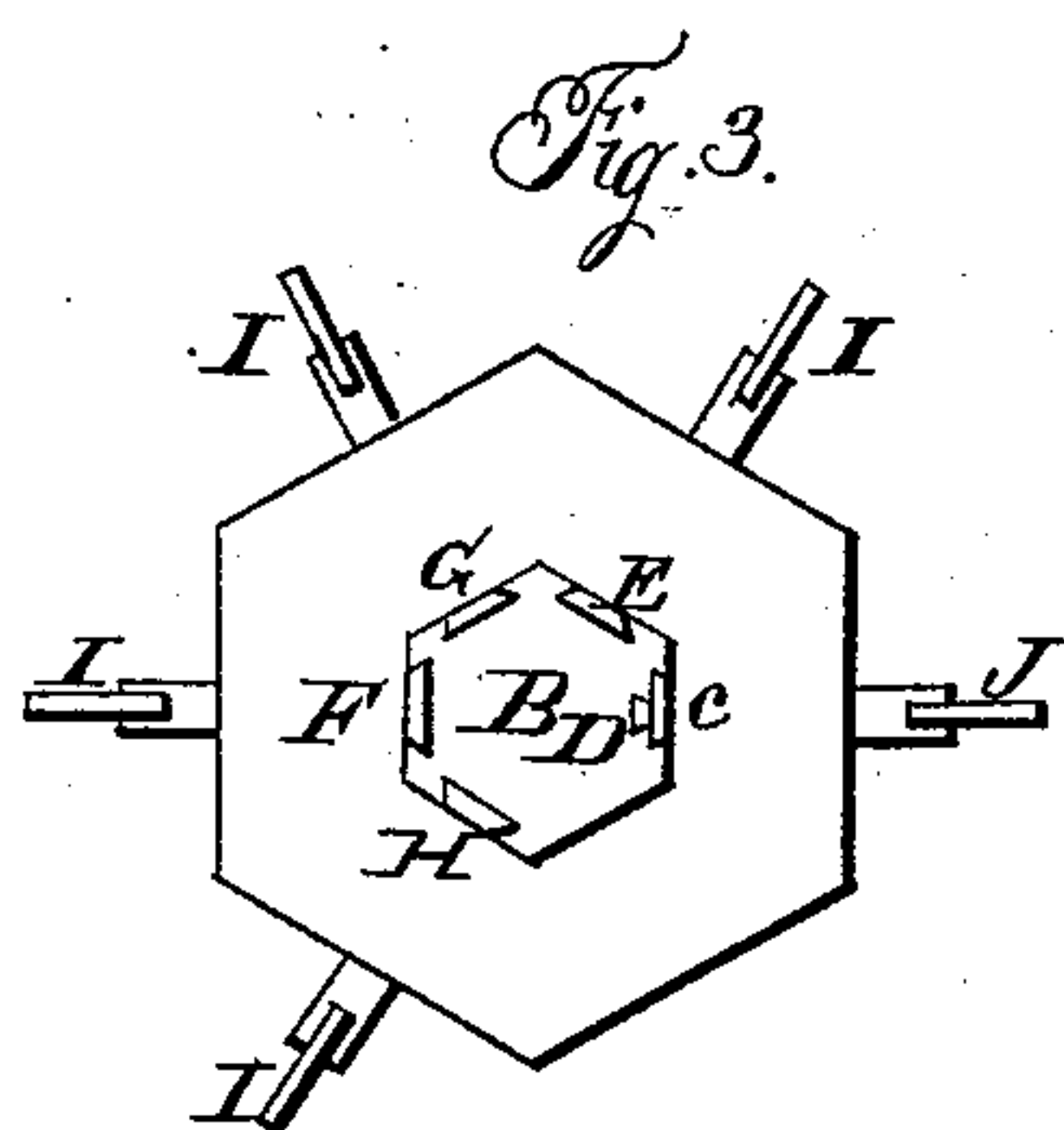
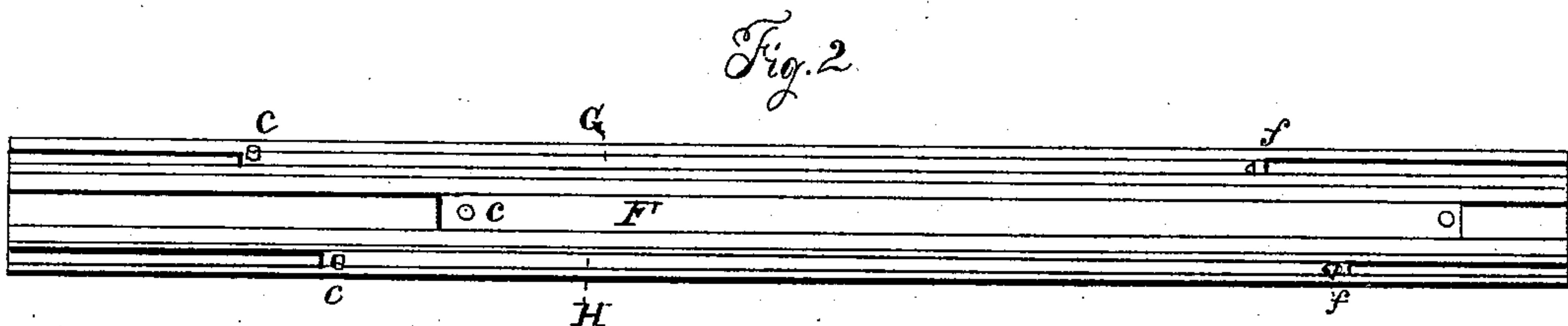
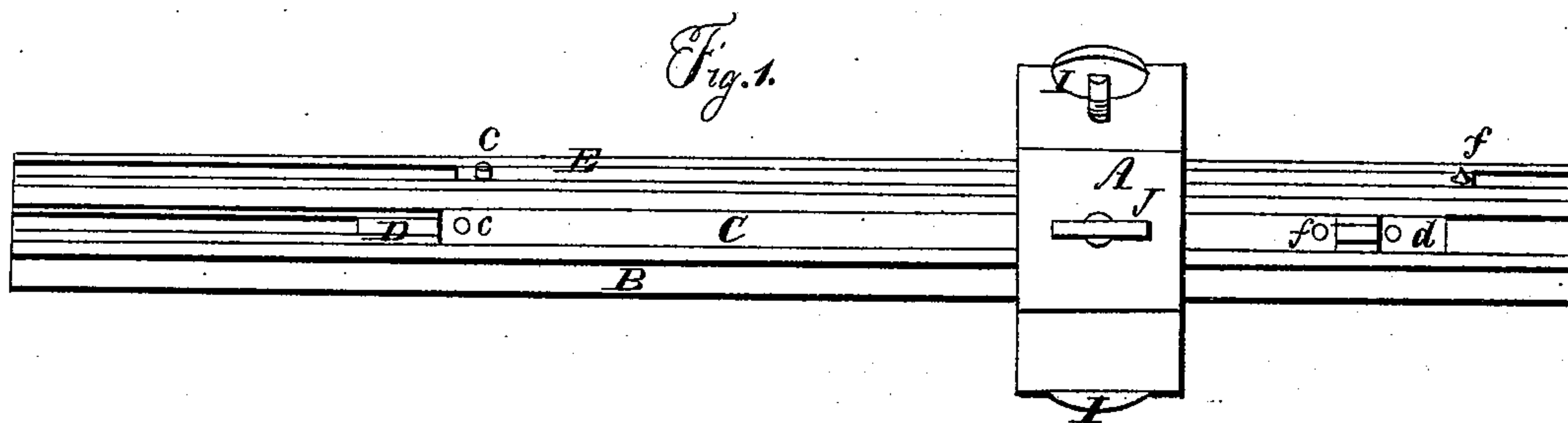


BROWN & BERRY.
Carpenter's Gage.

No. 79,632.

Patented July 7, 1868.



Witnesses
A Harguard
J. L. Meriam

Inventors
O. Brown
J. Y. Berry
By their Attorney
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United States Patent Office.

O. BROWN AND T. F. BERRY, OF CAPRON, ILLINOIS.

Letters Patent No. 79,632, dated July 7, 1868.

IMPROVEMENT IN CARPENTERS' GAUGES:

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, O. BROWN and T. F. BERRY, of Capron, in the county of Boone, in the State of Illinois, have invented a useful Improvement in Compound Gauges; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 is an elevation of the gauge in position for use.

Figure 2, an elevation of the stem removed from the head.

Figure 3, an elevation of the head and a transverse section of the stem.

The nature of our invention consists in the use of a polygonal stem, in one side of which is fitted a mortise-gauge, having two metallic slides arranged to be set for gauging any common mortise without moving the head.

In order to give a correct understanding of our invention, we have marked corresponding parts with similar letters, and will now give a detailed description.

B represents the stem of the gauge, having six sides, and A the head, arranged to slide on said stem in the usual manner. D shows a metallic slide, fitted to work deep enough in the stem B for an outer slide, C, to work in a dove-tail groove outside of it, both parts being arranged to move longitudinally when a set-screw, J, is loosened.

By this means the head A need not be moved from its position, shown at fig. 1, in order that the spurs *f d* may be set at different distances apart, and also to and from said head.

When a greater width of mortise is to be gauged, the head A can be moved similar to other gauges. Slides E G F H are made to work in dove-tail grooves, and are held in position by thumb-screws I I, &c. These slides have the common spurs, *f*, and also projections, *e*, for moving the slide back and forth.

It will be seen from this description that the gauge, as arranged, can be used instead of four single gauges and one mortise-gauge, thus providing at small cost a tool which will occupy little room, and answer all ordinary purposes, such as carpenter, joiner, cabinet-work, &c.

The gauge can be made of the same kind of material as now used for a similar purpose.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

The combination of the slides D C, head A, and stem B, substantially as and for the purpose herein set forth.

O. BROWN,
T. F. BERRY.

Witnesses:

A. HAYWARD,
J. L. MERIMAN.