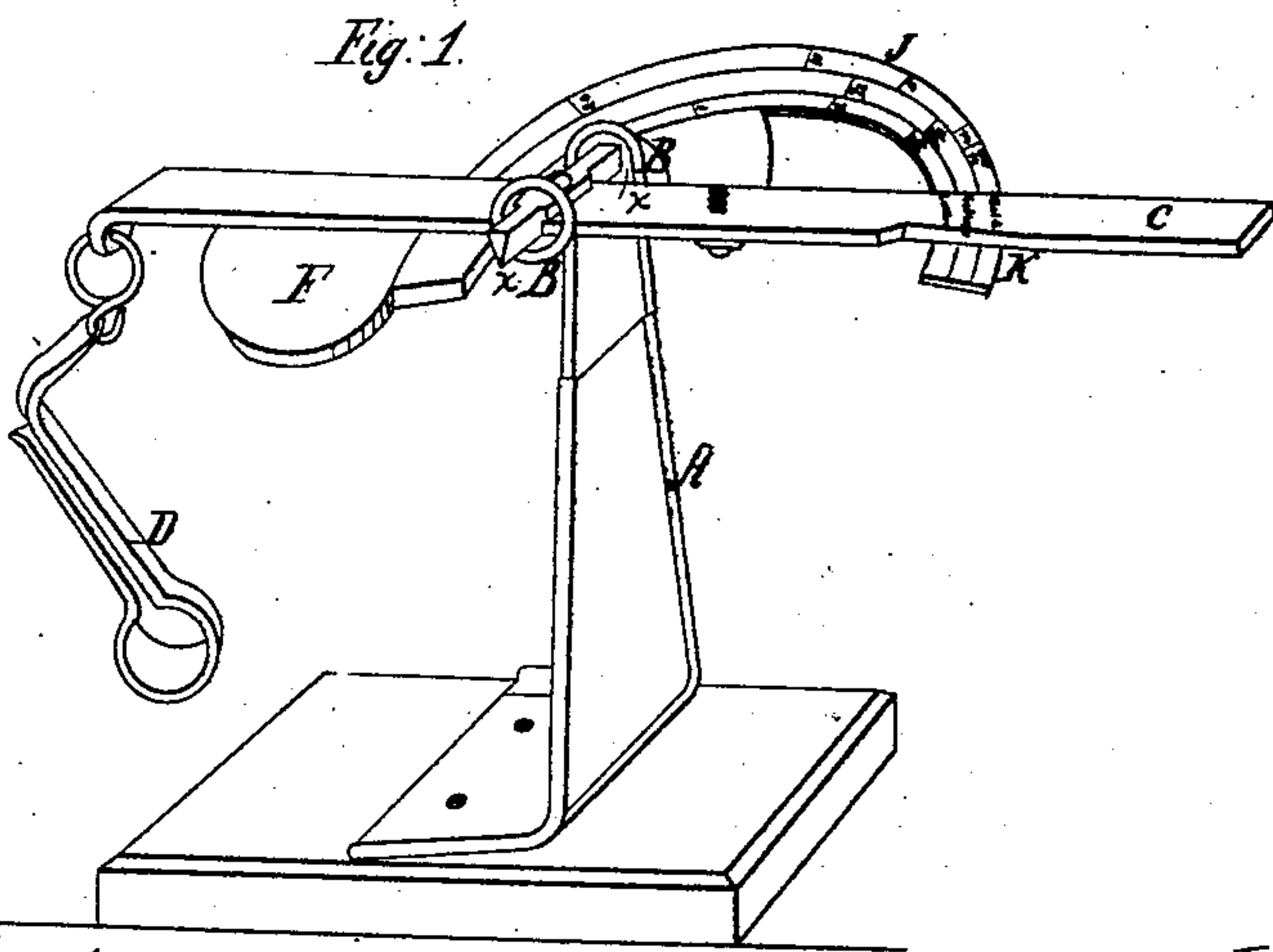
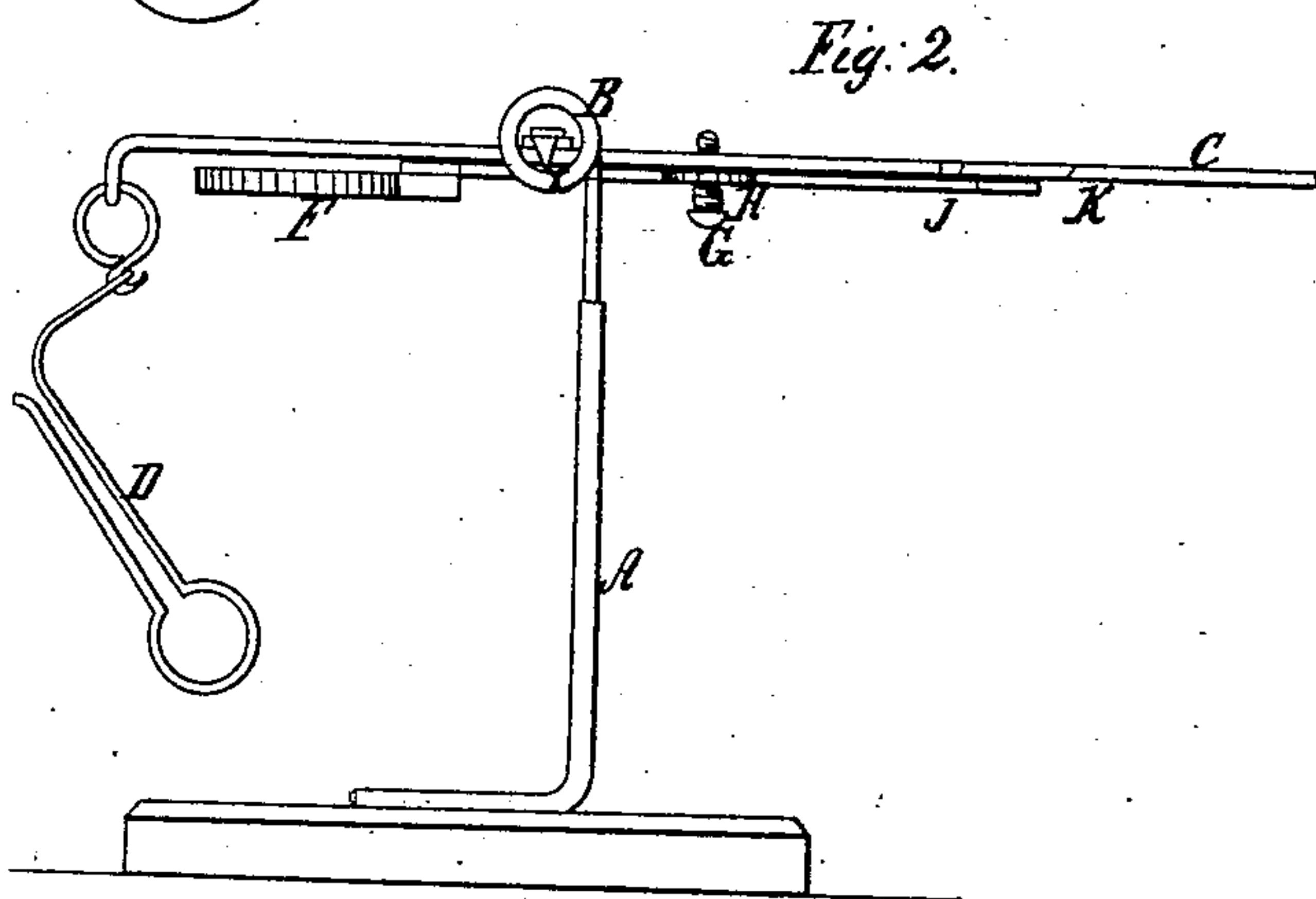
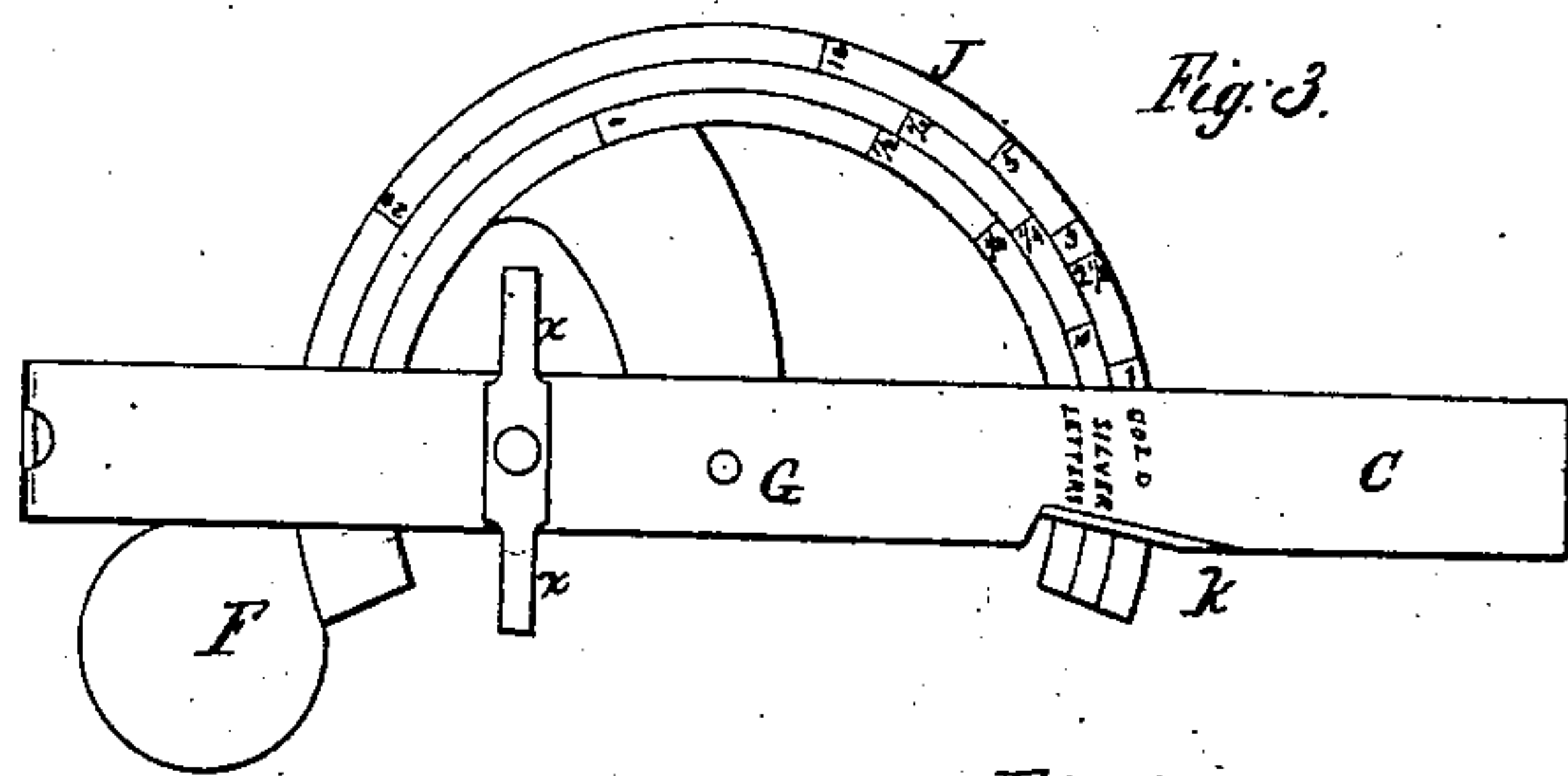


No. 39,890.

PATENTED SEPT. 15, 1863.

D. CUMMING, JR.
COIN AND LETTER SCALE,



Witnesses;
Steph. M. Smith
L. H. H. H.

Inventor;
D. Cumming Jr.

UNITED STATES PATENT OFFICE.

DAVID CUMMING, JR., OF NEW YORK, N. Y.

IMPROVEMENT IN COIN AND LETTER SCALES.

Specification forming part of Letters Patent No. 39,890, dated September 15, 1863; antedated February 2, 1863.

To all whom it may concern:

Be it known that I, DAVID CUMMING, Jr., of New York, county and State of New York, have invented a new and useful Improvement in Coin and Letter Scales; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view; Fig. 2, a longitudinal elevation, and Fig. 3 a horizontal plan of the top.

The same letters refer to corresponding parts in the different figures.

A is the standard, with the bearings B B, on which the knife edges *x x* rest. The knife edges are firmly secured to the beam C, one end of which has the spring-holder D swinging freely from it on a knife edge. F is a weight, which is attached to the beam by the pivot G. The weight moves freely on the pivot, and is held where required by the spiral spring H on the pivot. Attached to the weight is the curved plate J, containing the marks

and figures of the denomination of the different coins, and also the marks and figures indicating an ounce and parts of an ounce for weighing letters.

Manner of working: The coin to be weighed is placed in the spring-holder, and the weight moved around on the pivot until the mark of the denomination of the coin on the curved plate is directly under the index K on the beam. If the coin is of the proper weight, the beam will be inclined toward the end on which the coin hangs. Letters are weighed in the same manner.

The machine has been tried and works well, and can be manufactured at a small cost.

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

The pivoted weight F and curved plate J, operated substantially as described, and for the purpose set forth.

D. CUMMING, JR.

Witnesses:

STEPH. WM. SMITH,
J. S. TUTTLE.