

(No Model.)

W. B. HUNTER.
BEAM COMPASSES.

No. 517,696.

Patented Apr. 3, 1894.

Fig. 1.

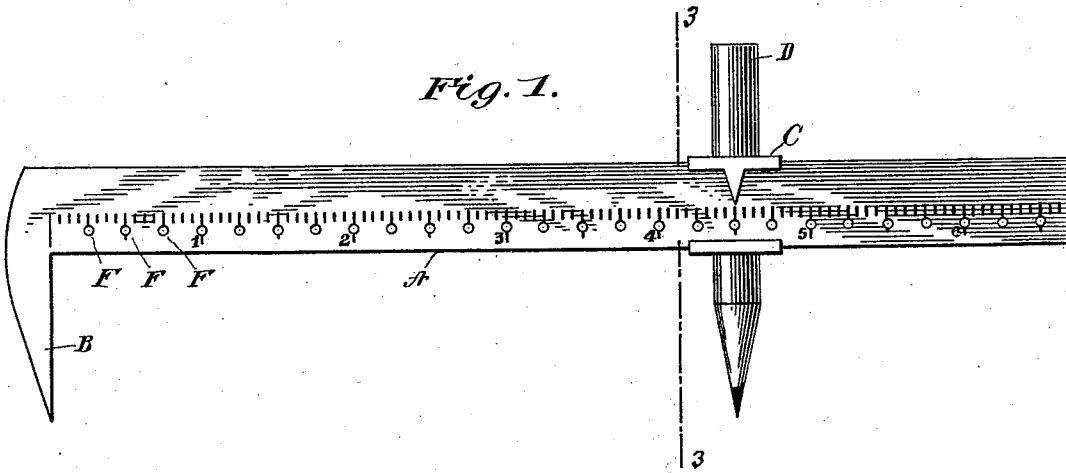


Fig. 2.

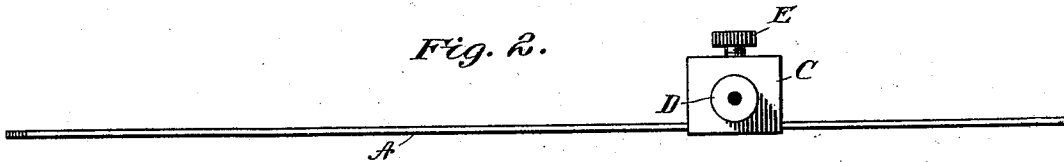
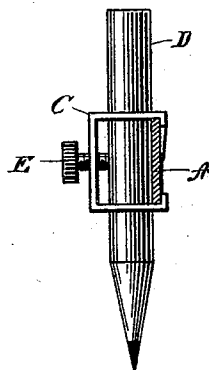


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WALLACE B. HUNTER, OF NEW YORK, N. Y., ASSIGNOR TO ELLEN
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BEAM-COMPASS.

SPECIFICATION forming part of Letters Patent No. 517,696, dated April 3, 1894.

Application filed March 20, 1893. Serial No. 466,900. (No model.)

To all whom it may concern:

Be it known that I, WALLACE B. HUNTER, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Instruments of Precision, of which the following is a specification.

The object of my invention is to produce a simple, compact and useful instrument, combining the elements of a rule, compass and square. Ordinarily, the elements herein combined, are made separately, therefore they are not convenient to carry or handle.

Referring now to the drawings, similar letters represent corresponding parts.

Figure —1— is a side view of the device. Fig. —2— is a plan view, and Fig. —3— is an end view, showing pencil clamp, set screw and a cross section of leg —A— at 3—3.

The body of the instrument is composed of two arms —A— and —B—, arranged at right angles to each other. Arm —A— is graduated on one side, as shown in the drawings, so that it may be used as a rule. Arm —B— is sharpened at the end, as shown in the drawings, so that it may be used as a pivot when the instrument is used for describing circles. A sliding clamp —C— is so arranged upon the leg —A— that when the pencil —D— is passed through perforations in the said clamp, the pencil and clamp may be moved along the leg —A— to any desired point and then firmly secured in place by screwing up set screw —E—. Leg —A— contains a series of perforations (F, F, &c., as shown in the

drawings) which may be used, when laying out work, by passing the end of a pencil through one of the perforations at the point where a pivot is desired, and the marking may be made at any desired point within the limits of the length of the leg, by passing another pencil point through the perforations nearest the desired point. The clamp —C— is made to overlap the edges of leg —A— as shown in the drawings, and a portion of the overlapping clamp is pointed so as to act as an indicator when moved along the graduations aforesaid.

What I claim is—

In an instrument of the character described, two legs or portions of the device arranged at right angles to each other, one of said legs being graduated on one side a series of perforations, through the thickness of said legs, arranged at regular intervals along the said legs, a pencil holding clamp overlapping two edges of the said graduated leg (one of the overlapping parts of the said clamp being sharpened and adapted to act as an indicator along the said graduation) perforations through the said clamp for the reception of the pencil and means for holding the said pencil and clamp at any predetermined point substantially as set forth.

Signed at New York, in the county of New York and State of New York, this 17th day of March, A. D. 1893.

WALLACE B. HUNTER.

Witnesses:

A. J. BIGALKE,
A. E. HEARN.