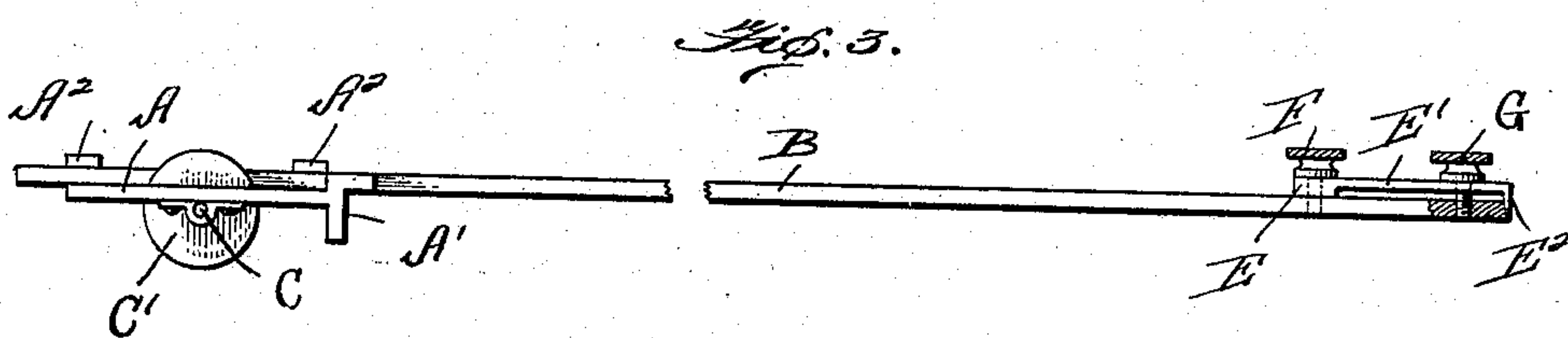
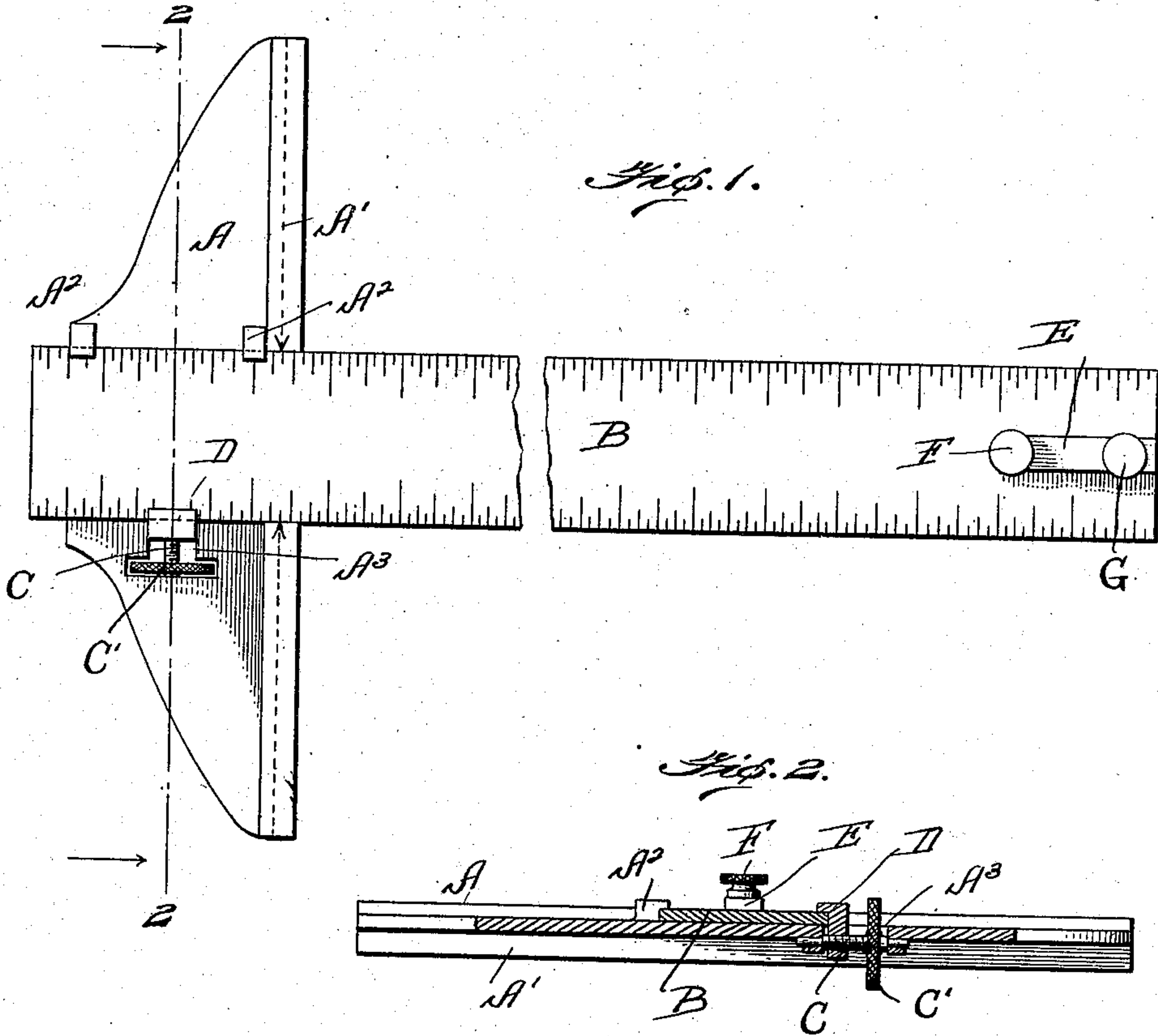


No. 885,226.

PATENTED APR. 21, 1908.

A. C. COWLES.
COMBINED SQUARE, GAGE, AND RULE.
APPLICATION FILED JUNE 21, 1907.



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Witnesses

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ALBERT C. COWLES, OF AUBURN, NEW YORK.

COMBINED SQUARE, GAGE, AND RULE.

No. 885,226.

Specification of Letters Patent.

Patented April 21, 1908.

Application filed June 21, 1907. Serial No. 380,080.

To all whom it may concern:

Be it known that I, ALBERT C. COWLES, a citizen of the United States, residing at Auburn, in the county of Cayuga and State of New York, have invented a new and useful Improvement in a Combined Square, Gage, and Rule, of which the following is a specification.

This invention relates to combined square, gage and rule, the object being to provide a tool which can be used either as a square, gage or rule, and one which is especially adapted to be used by pattern makers.

Another object of my invention is to provide very novel means for clamping the rule in the gage head, so that it can be readily adjusted.

Another object of my invention is to provide the blade with very novel marking point which can be readily adjusted whereby it will be out of the way when the blade is used as a rule.

With these and other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts, hereinafter fully described and pointed out in the claims.

In the drawing forming a part of this specification:—Figure 1 is a top plan view of my improved tool. Fig. 2 is a sectional view taken on lines 2—2 of Fig. 1. Fig. 3 is a side elevational view of the tool.

In the drawings A indicates a head or gage block which is preferably formed of metal and is provided with a flanged square or gaging edge A' having a central notch formed therein, through which the rule B is adapted to extend forming the blade of the square.

Spaced flanged lugs A² are formed on the head, in alinement with one side of the notch forming guides, under which the blade slides. A T-shaped slot A³ is formed in the head provided with bearing at each end, on the underside in which is mounted the reduced ends of screws C which is provided with a thumb-wheel C' working in the T-shaped slot. Mounted on the screw is a flanged

clamping block D adapted to fit over the edge of the blade and securely clamp the blade in the position desired. 50

Secured on the blade adjacent its outer end by a thumb-screw F is a plate E. The plate is provided with a reduced portion E' having an angled sharpened point E² which extends down through a notch formed in the end of the blade forming the marking point. Mounted in an opening in the plate adjacent its angled end is a thumb-screw G which works in a threaded bore formed in the blade, so that the point of the blade can be forced down below the blade when it is desired to use the tool for a gage. 55 60

From the foregoing description it will be readily seen that I have provided very novel tool which is very simple and cheap in construction and one which is so constructed that the blade can be readily detached and used as a rule when desired. 65

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:— 70

1. The combination with a head provided with flanged squaring edge having a central notch formed therein, spaced flanged lugs formed on said head in alinement with one side of said notch, a blade arranged in said notch under said lug, a screw mounted in bearings formed at each end of a slot formed in said head, a flanged clamping block mounted on said screw adapted to fit over the edge of said blade, a thumb-wheel carried by said screw for operating the same, and an adjustable marking point mounted on the end of said blade, for the purpose described. 75 80

2. The combination with a head, of a blade adjustably mounted in said head, provided with a notched end, a plate secured on said blade provided with a marking point extending into said notch, and means for adjusting said point. 85

ALBERT C. COWLES.

Witnesses:

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