

(No Model.)

2 Sheets—Sheet 1.

W. S. ROBERTSON.

COMBINED SHINGLING HAMMER AND PLANE.

No. 386,608.

Patented July 24, 1888.

Fig. 1.

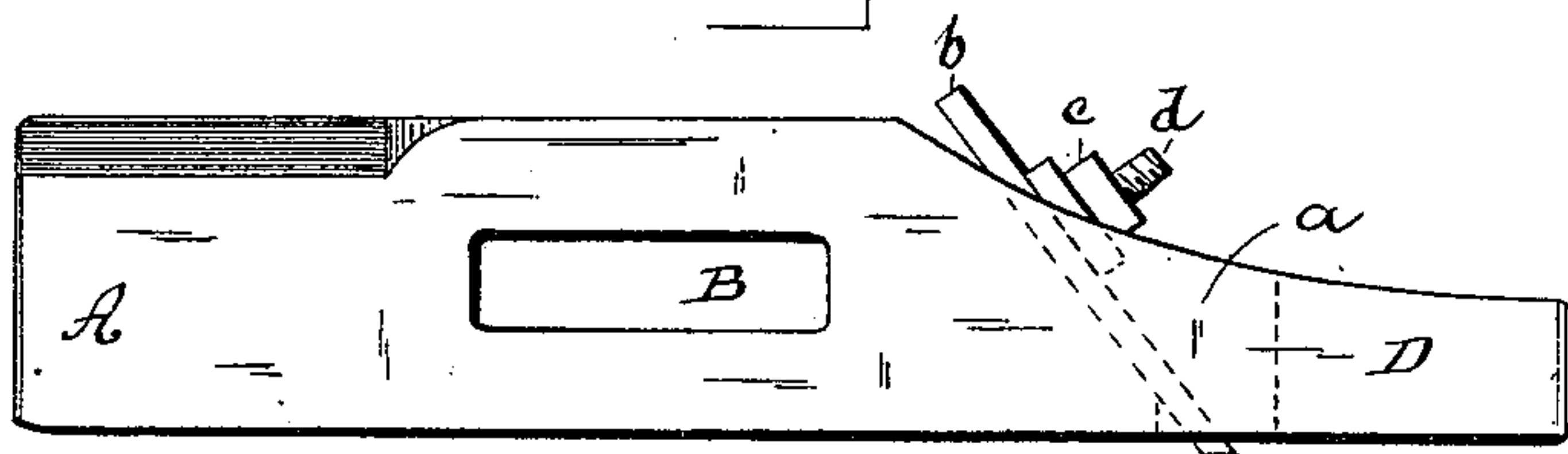


Fig. 2.

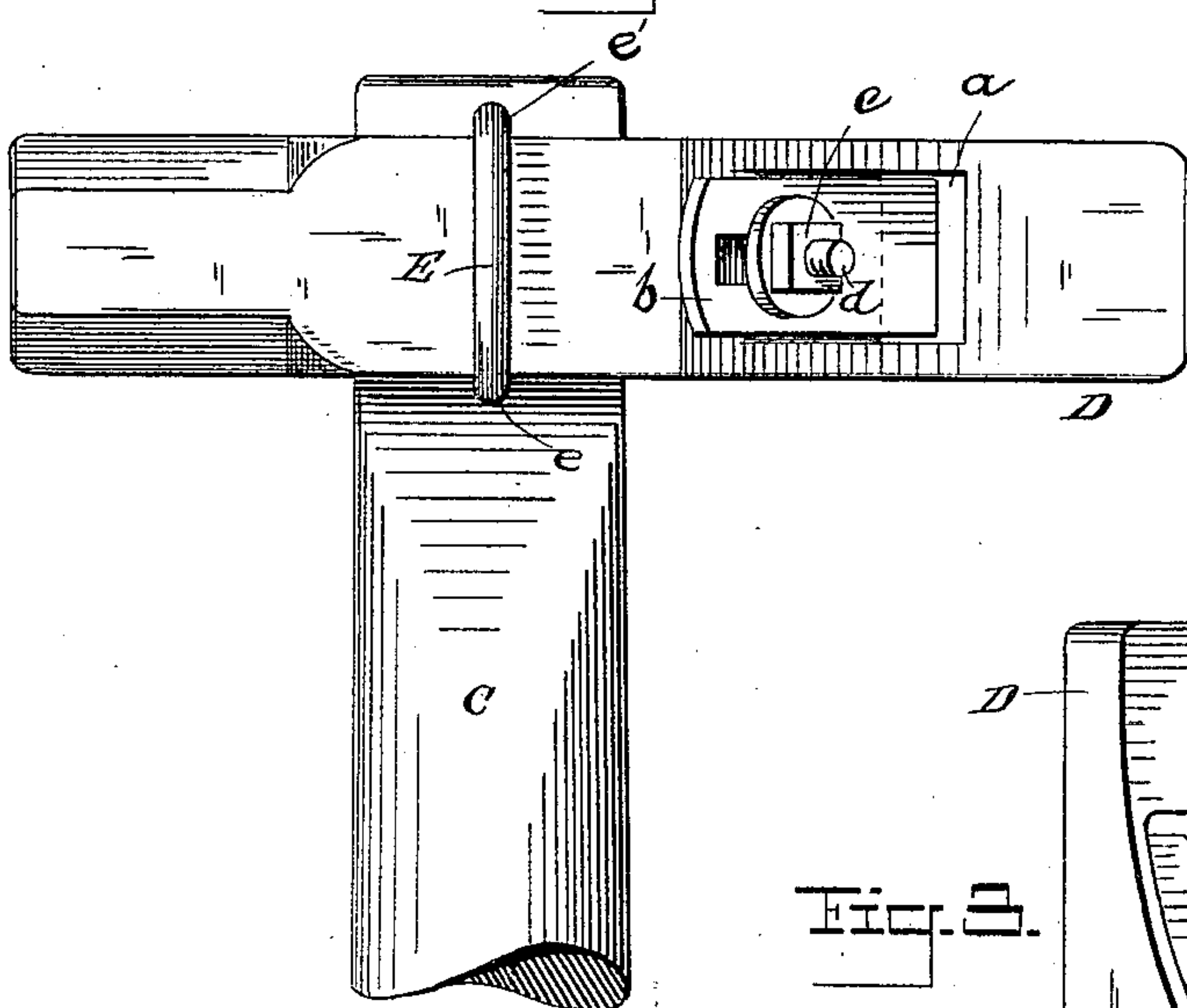


Fig. 3.

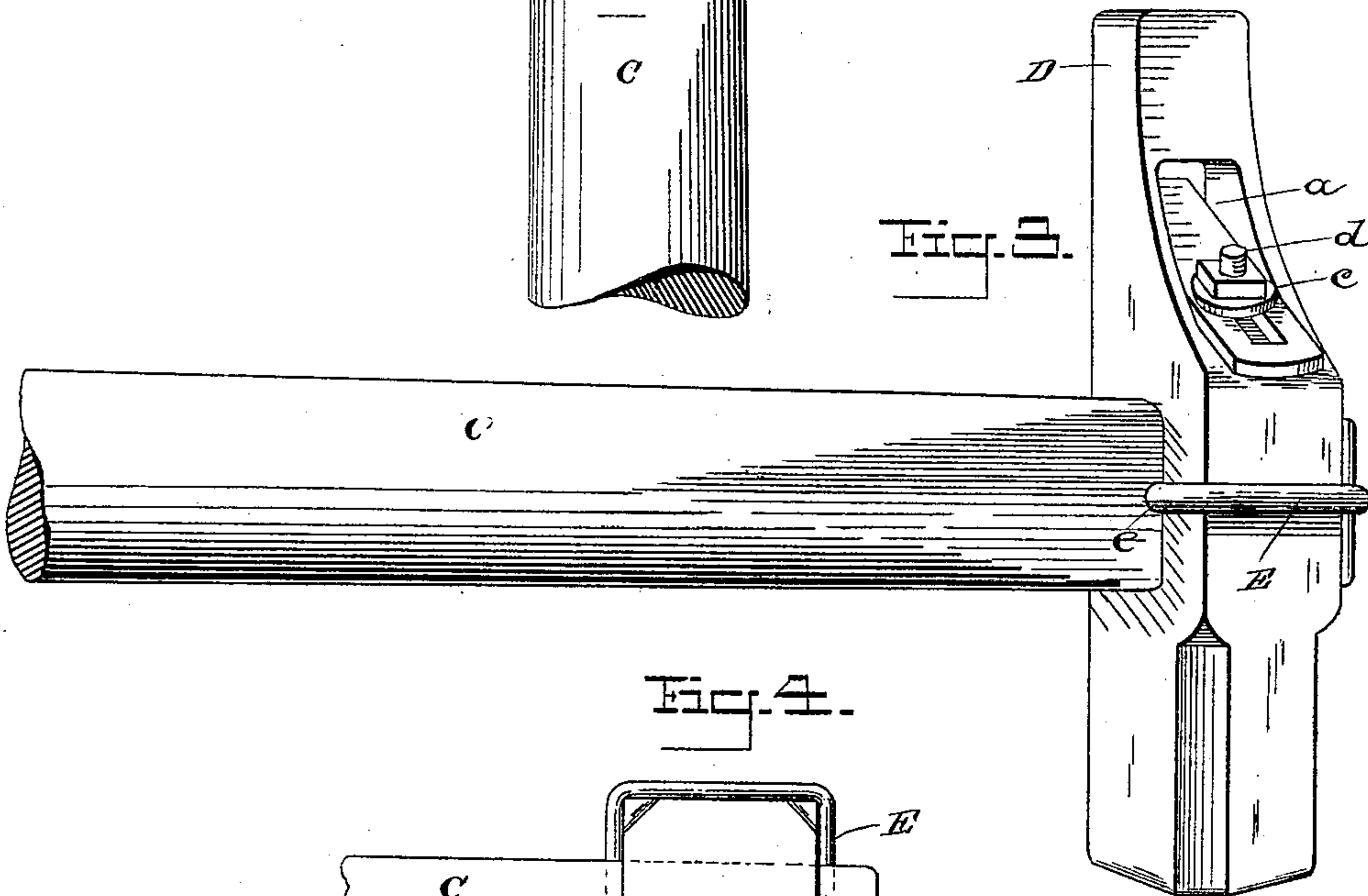
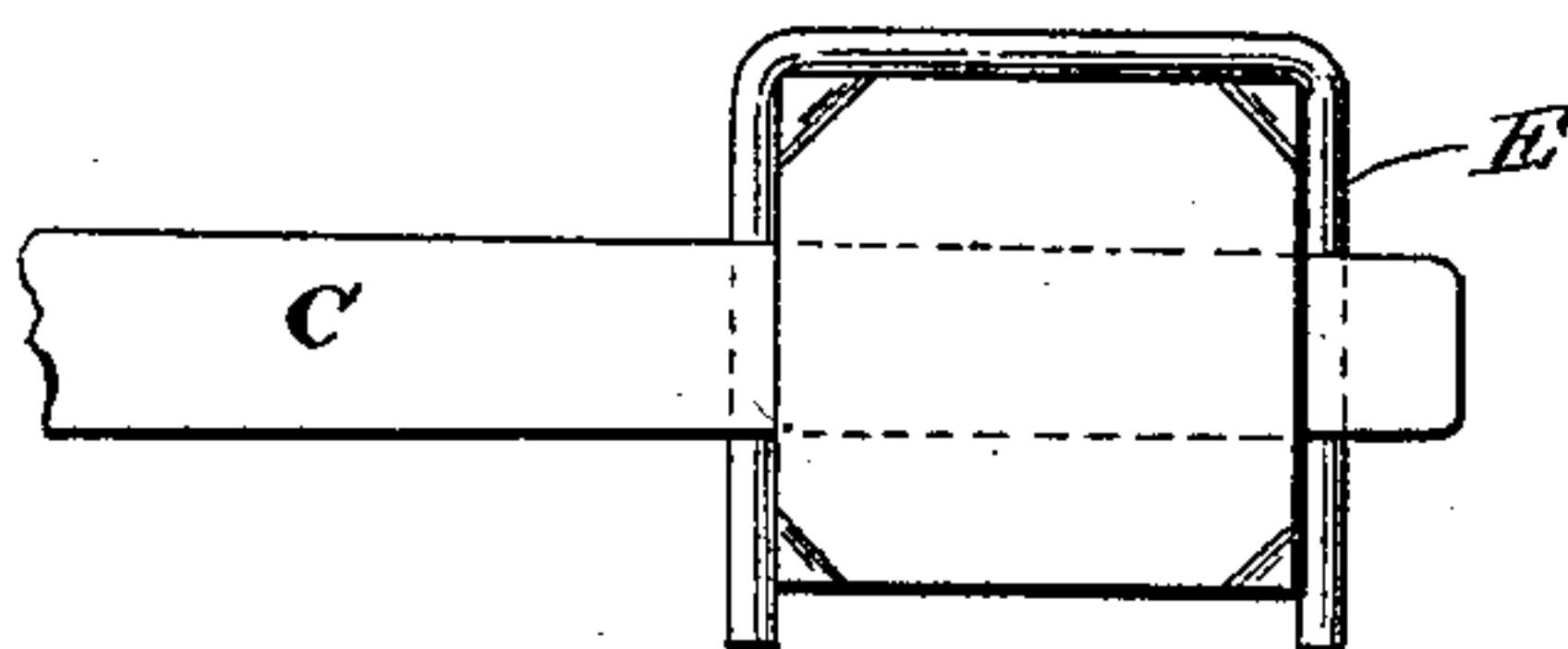


Fig. 4.



WITNESSES:

O. D. Mott.
C. Sedgwick

INVENTOR:

W. S. Robertson.

BY *Munn & Co.*

ATTORNEYS.

(No Model.)

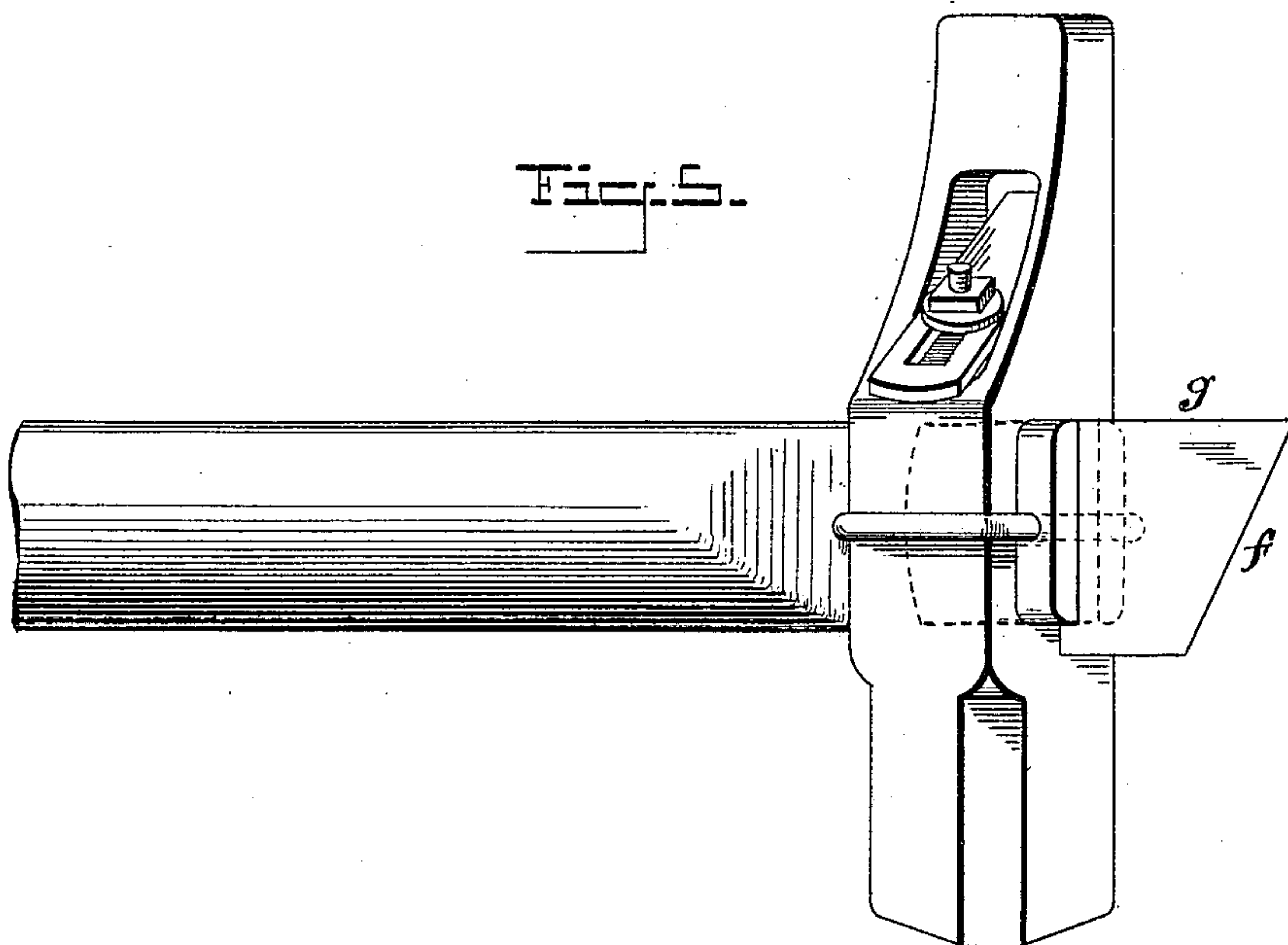
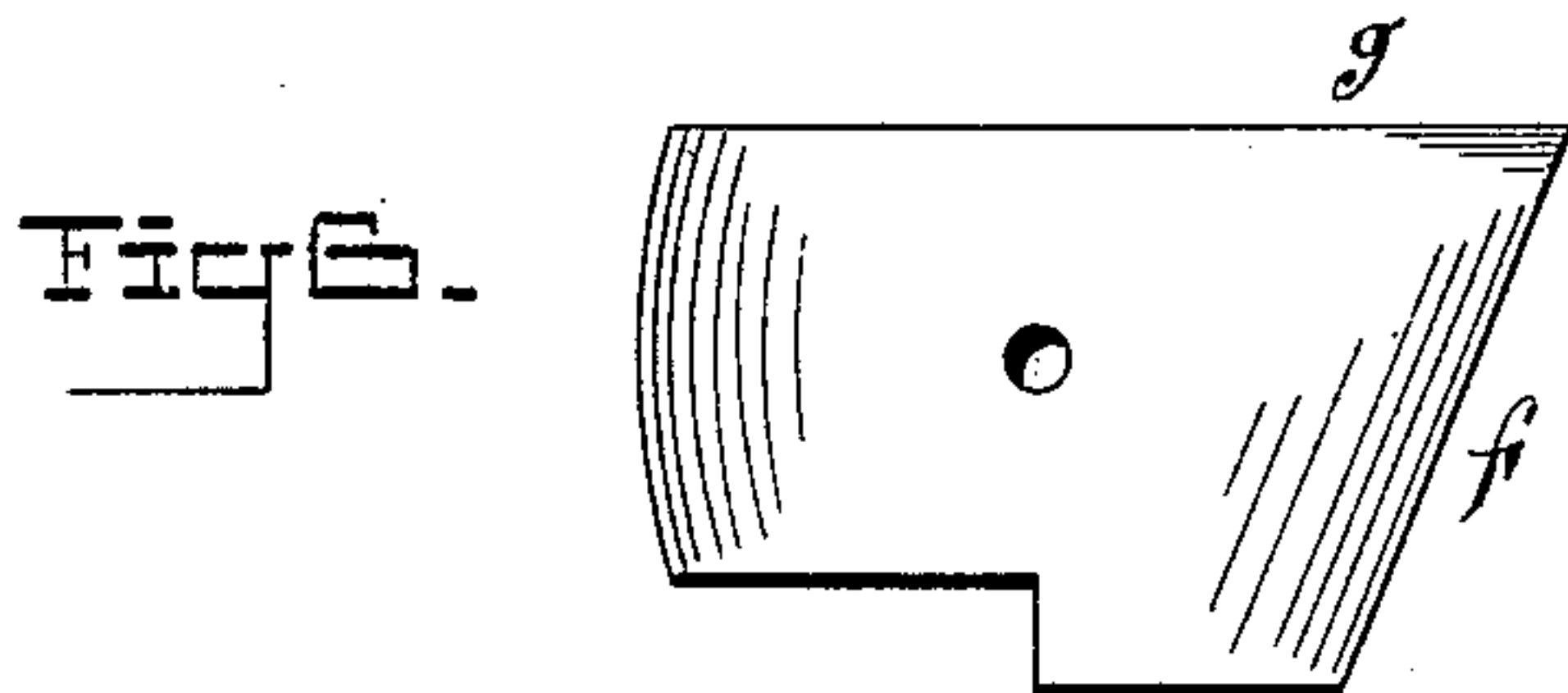
2 Sheets—Sheet 2.

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WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM S. ROBERTSON, OF NEW GERMANY, NOVA SCOTIA, CANADA.

COMBINED SHINGLING HAMMER AND PLANE.

SPECIFICATION forming part of Letters Patent No. 386,608, dated July 24, 1888.

Application filed December 2, 1886. Serial No. 220,436. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM S. ROBERTSON, of New Germany, county of Lunenburg, in the Province of Nova Scotia and Dominion of Canada, have invented a new and Improved Combined Shingling Hammer and Plane, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

10 Figure 1 is a plan view of my improved shingling hammer and plane. Fig. 2 is a side elevation. Fig. 3 is a perspective view. Fig. 4 is an end elevation. Fig. 5 is a perspective view of the tool with a hatchet and scoring attachment, and Fig. 6 is a detail view of the hatchet attachment.

Similar letters of reference indicate corresponding parts in all the views.

20 The object of my invention is to provide for the use of carpenters and builders a convenient and inexpensive combination-tool, which may be used either as a hammer, plane, or hatchet.

25 My device is designed mainly for use in shingling.

30 My invention consists in the combination, with a hammer provided with a flaring aperture in the peen thereof, of a plane iron fitted to and secured in the flaring aperture, and in a guide consisting of a staple inserted in the handle of the hammer, embracing the hammer-head, and projecting beyond the plane-face of the hammer.

35 It also consists in the combination, with the hammer, of a wedge carrying at its outer end a knife-blade, to be used as a hatchet or for scoring.

40 The hammer-head A is provided with an eye, B, for receiving the handle C, and with a peen, D. The peen D is arranged at one side of a line running longitudinally and centrally through the hammer-head and perpendicularly to the hammer-face, and the side of the hammer upon which the peen is arranged is 45 made plane, so that one side of the hammer will have a flat face from one end to the other, and in the peen end is formed a flaring transverse aperture, *a*, whose narrower side opens in the plane-face of the hammer. To the beveled wall of the flaring opening *a* is secured a 50 plane-iron, *b*, by means of a nut, *c*, turning on

a screw-threaded stud, *d*, projecting from the hammer through a slot in the plane-iron. The cutting edge of the plane-iron *b* is adjusted so as to project a short distance below 55 the plane-surface of the hammer, and when the hammer is used as a plane and moved along the edge of a shingle a shaving will be removed, which will be discharged through the flaring opening *a*. 60

To guide the plane along the edge of the shingle a staple, E, formed of a wire bent twice at right angles, is inserted in holes *e e'*, formed in the handle C on opposite sides of the hammer-head A. The ends of the staple project 55 beyond the plane-face of the hammer-head, and form guides for keeping the hammer-head in place on the edge of a shingle. When it is desired to use the plane in the ordinary way, the staple E is removed from the handle C. 70

The wedge, which is inserted in the end of the hammer-handle to bind the handle in the eye of the hammer, is made of steel, and is prolonged beyond the end of the handle and beveled and sharpened to form cutting-edges *f g*. 75 The wedge is also apertured to receive the staple E.

The cutting-edge *f* is employed as a hatchet, and the cutting-edge *g* is used for scoring. It will be seen that by cutting shingles so that 80 they will readily break off at the line of scoring a saw may be dispensed with, and by using the cutting-edge *g* for splitting the shingles a hatchet may be dispensed with.

Having thus fully described my invention, 85 I claim as new and desire to secure by Letters Patent—

1. A hammer having its peen formed at one side of a line running longitudinally and centrally through the hammer-head and perpendicularly to the hammer-face and having a 90 plane-iron secured in the peen end, substantially as described.

2. The combination, with a hammer-head having its peen formed at one side of a line 95 running longitudinally and centrally through the hammer-head and perpendicularly to the hammer-face, of a plane-iron secured in the peen end and removable guides projecting beyond the plane-face of the hammer-head, substantially as described. 100

3. The combination, with a hammer-head

having its peen formed at one side of a line running longitudinally and centrally through the hammer-head and perpendicularly to the hammer-face, and a handle secured in the said head, of a plane-iron secured in the peen end of the hammer-head and a staple inserted in holes in the handle on opposite sides of the head and projecting beyond the plane-face of the hammer-head, substantially as herein shown and described.

4. The combination, with the hammer head A, provided with a peen, D, formed at one side of a line running longitudinally and centrally through the hammer-head and perpendicularly to the hammer-face and having a flaring transverse aperture, *a*, formed therein, of the plane-iron *b*, placed in the flaring aperture, the stud *d*, projecting through the plane-iron, and the nut *e*, for clamping the iron in the position of use, substantially as described.

5. The combination, with the hammer-head A, provided with a peen, D, formed at one side of a line running longitudinally and centrally through the hammer-head and perpendicularly to the hammer-face and having a flaring transverse aperture, *a*, formed therein, of the plane-iron *b*, placed in the flaring aperture, the stud *d*, projecting through the plane-iron, the nut *e*, for clamping the iron in the position of use, the handle C, provided with apertures *e e'*, the staple F, fitted to the apertures *e e'* and arranged to project beyond the plane-face of the hammer-head, and the steel wedge having cutting-edges *f g*, substantially as described.

WILLIAM S. ROBERTSON.

Witnesses:

WILLIAM E. MARSHALL,
BENNETT MASTON.