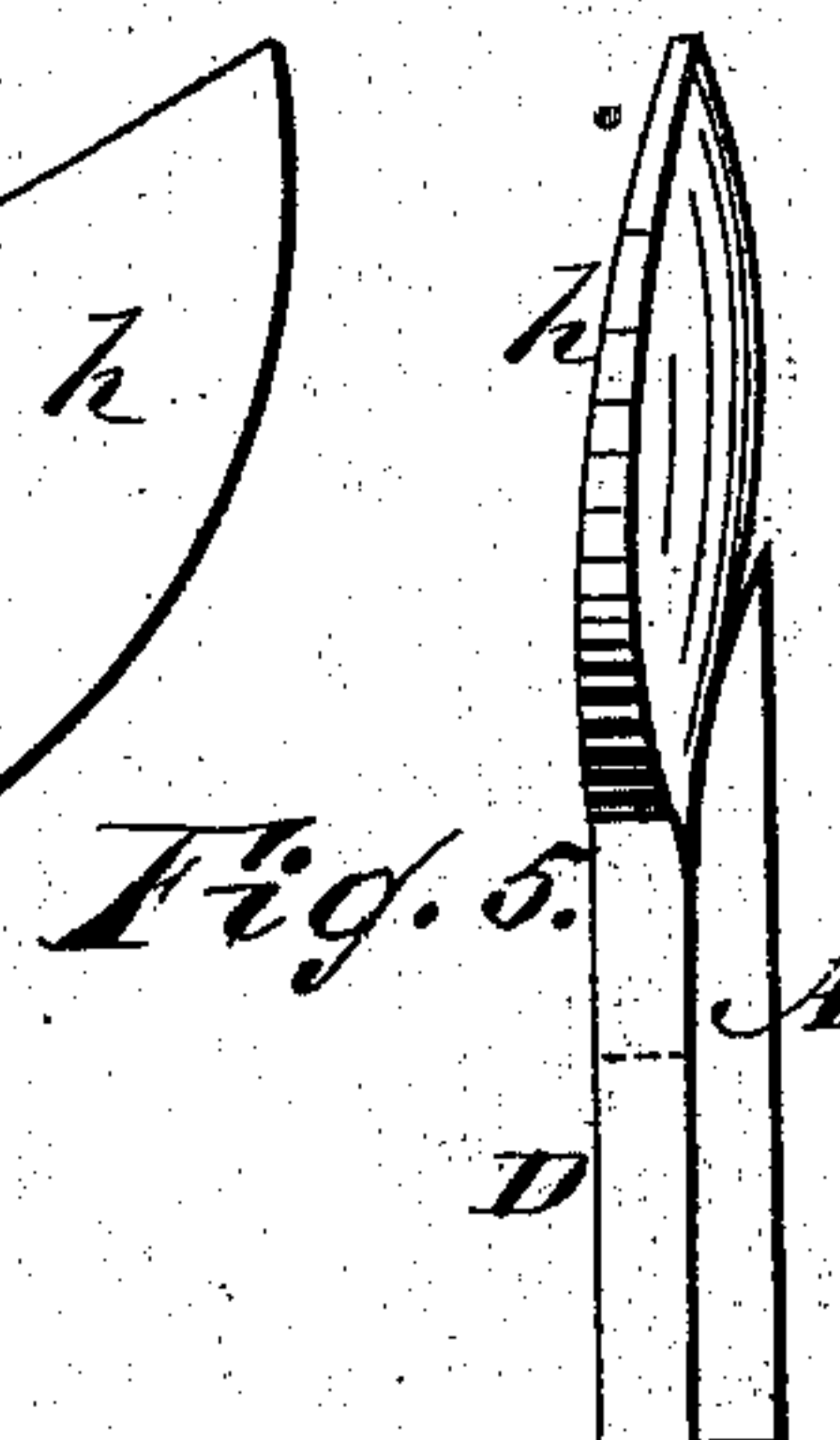
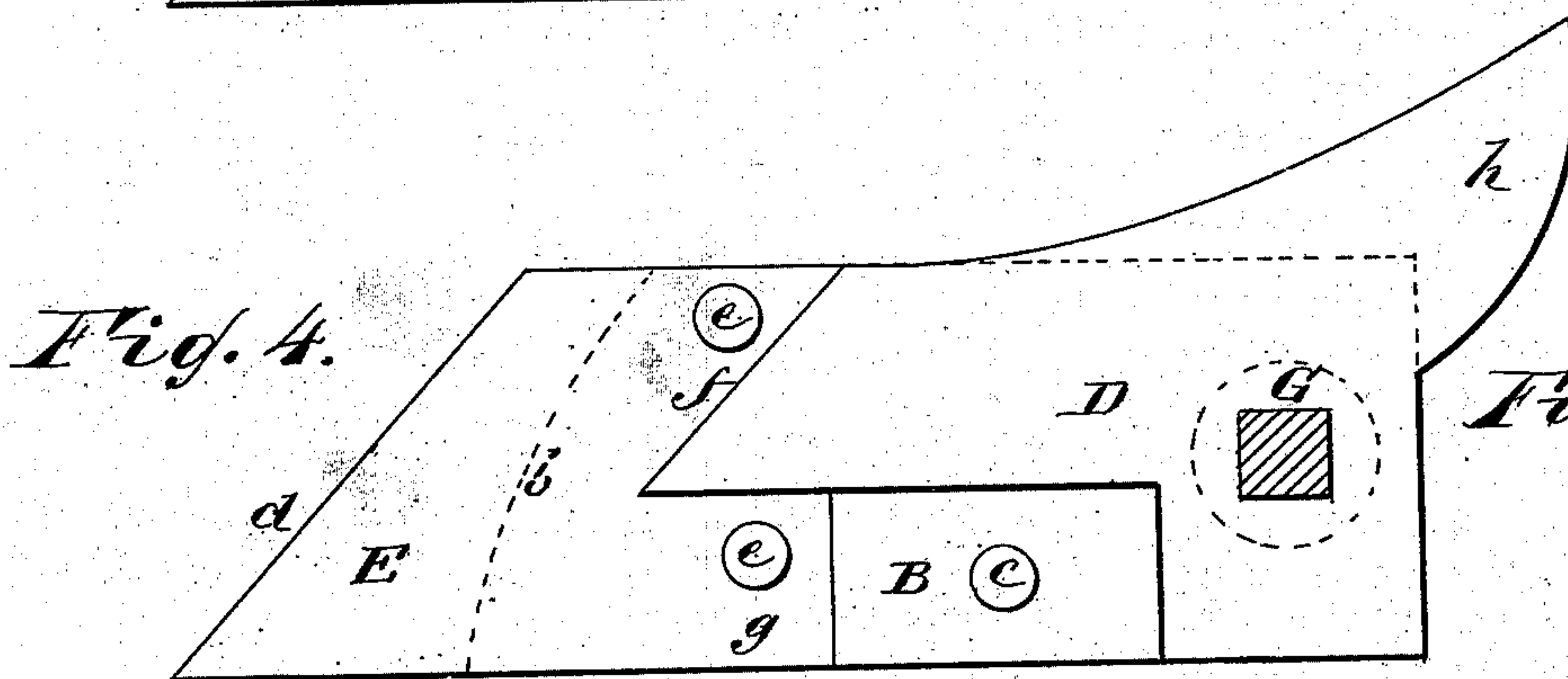
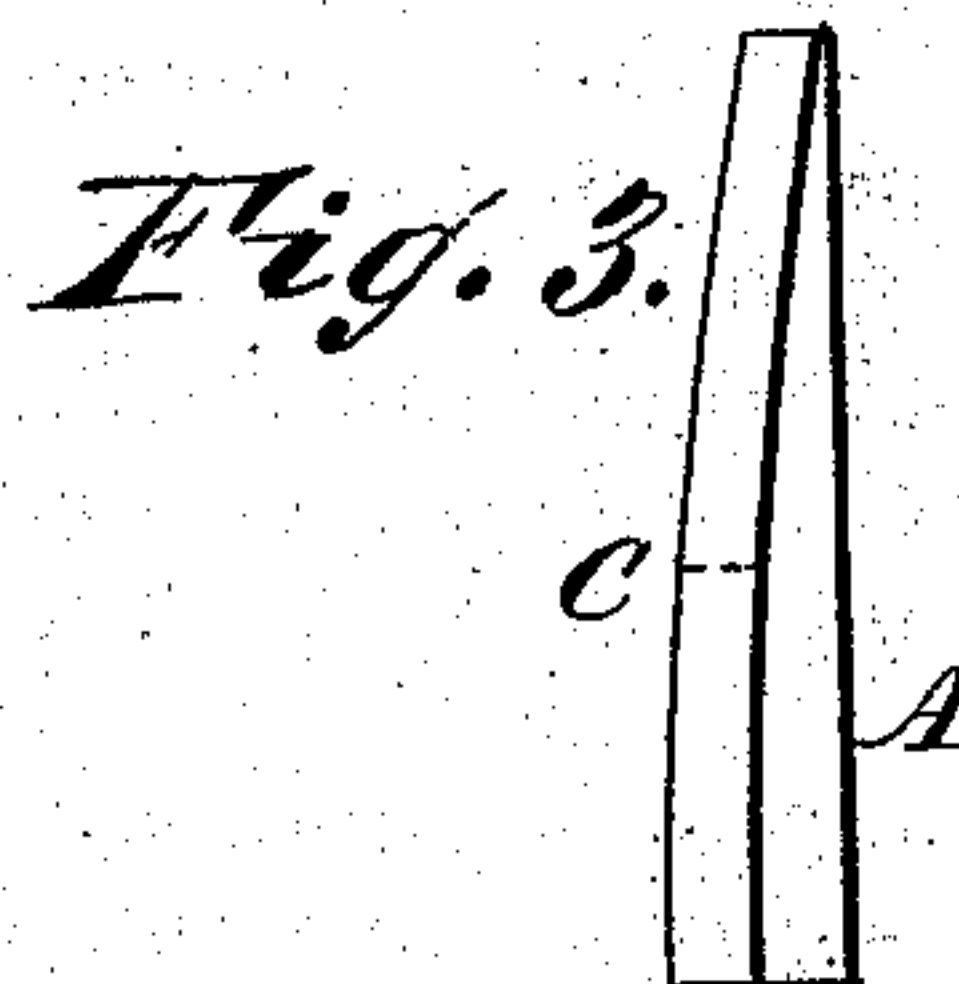
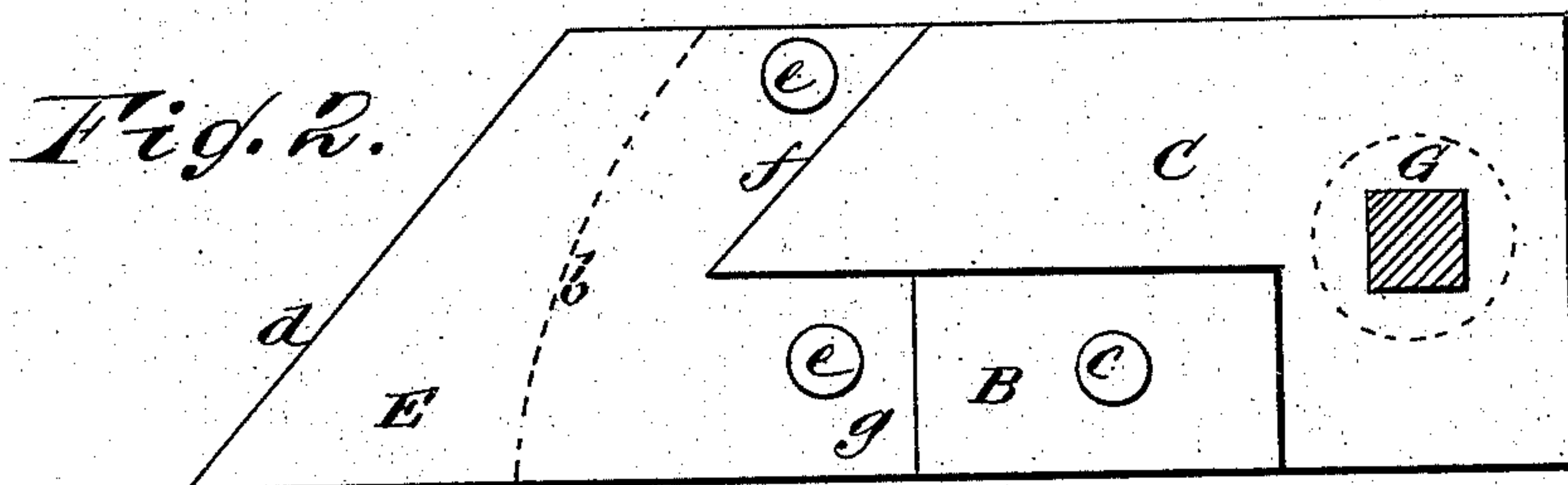
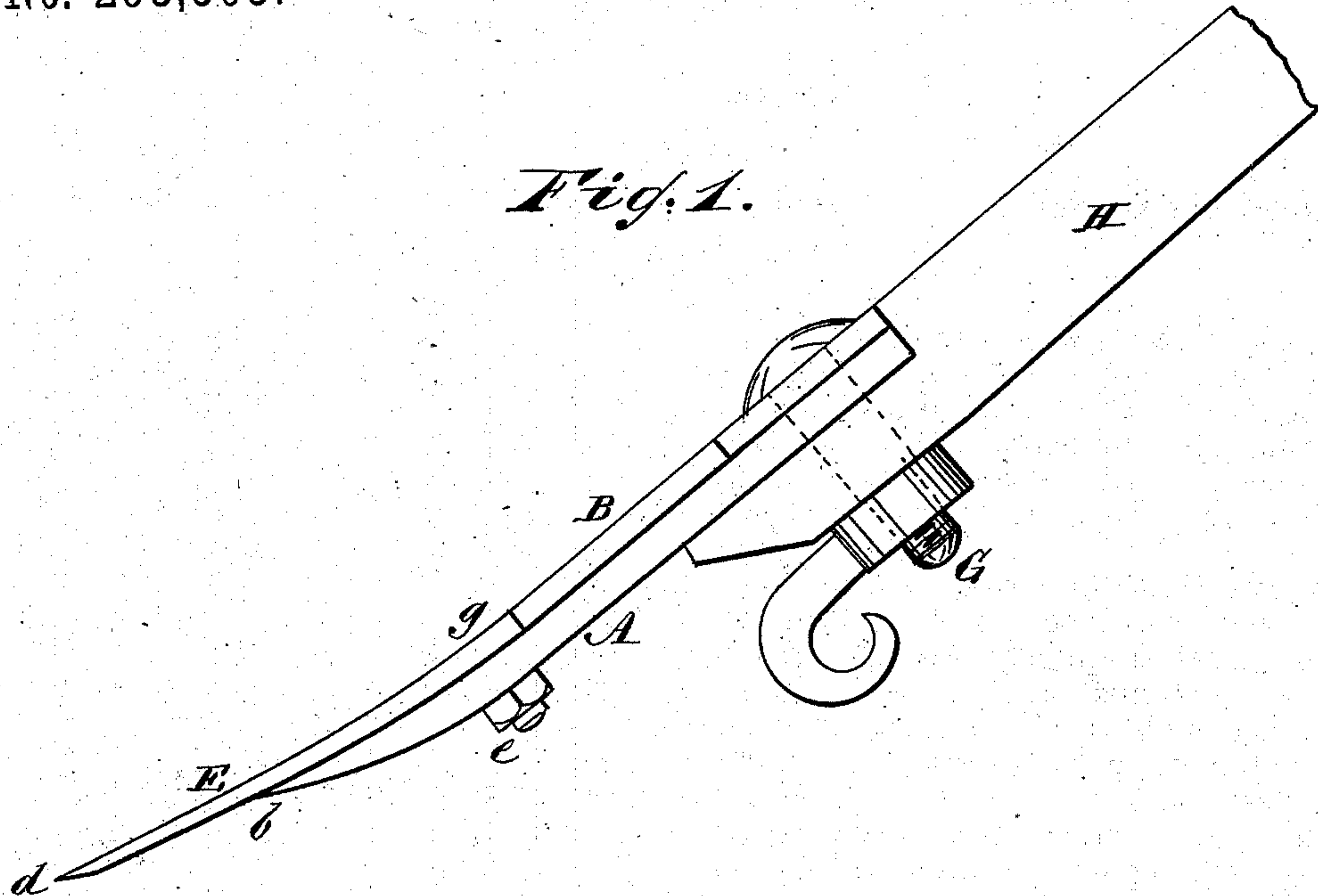


(No Model.)

J. D. PACE.
COMBINATION PLOW.

No. 293,505.

Patented Feb. 12, 1884.



WITNESSES:

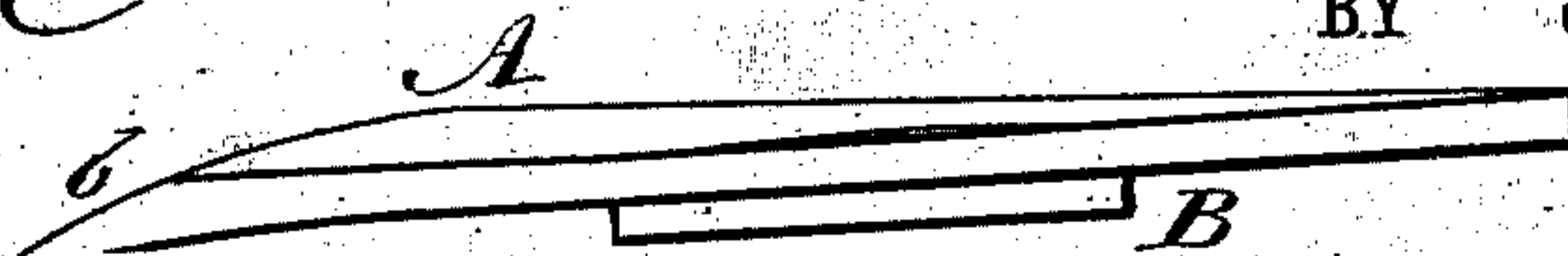
Theo. G. Boston
C. Sedgwick

Fig. 6.

INVENTOR:

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UNITED STATES PATENT OFFICE.

JEFF. D. PACE, OF ARCADIA, LOUISIANA.

COMBINATION-PLOW.

SPECIFICATION forming part of Letters Patent No. 293,505, dated February 12, 1884.

Application filed September 14, 1883. (No model.)

To all whom it may concern:

Be it known that I, JEFF. D. PACE, of Arcadia, in the parish of Bienville and State of Louisiana, have invented a new and useful Improvement in Combination-Plows, of which the following is a full, clear, and exact description.

This invention relates to scooter-plows; and it consists in a novel construction of the same, whereby great simplicity, strength, and efficiency are obtained, and the plow is made readily convertible from a scooter into a mold-board or turning plow, substantially as hereinafter described.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a side view of the main body of the plow with attached point, upper or subsoil level-plate, and stock or standard, to which said body, with its attachments, is secured by a heel-bolt. Fig. 2 is a plan showing the point as applied to the main body, the subsoil-plate, a brace bar or piece serving to support said plate, and the heel-bolt in section; and Fig. 3, a rear end view of the same, omitting the heel-bolt. Fig. 4 is a like view to Fig. 2, of similar parts, with the exception of a mold-board or turning-plate for the subsoil-plate; and Fig. 5 is a rear end view thereof. Fig. 6 is an inverted side edge view of the main body with attached brace bar or piece.

A is the main plate or body of the plow, of any desired length and width, with its side edges parallel, or thereabout, and slightly hollowed on the forward portion of its face, with the under side of said portion convex, and terminating in a sharp curved edge, *b*, arranged to project farther forward on the one side or edge than on the opposite side or edge.

B is a brace bar or piece secured by a rivet, *c*, on the face of the main body A, along the one and longer side of it, and at a suitable distance from the rear end of said body. This brace-piece, which may be of rectangular form, serves to hold firm or steady in its place on the face of the body A either a subsoil-plate, C, or a mold-board plate, D, according to the work the plow is required to perform, as hereinafter described.

E is the plow-point, arranged to cover the forward portion of the main body A, and to

extend in front beyond it, and with its forward cutting-edge, *d*, made beveling or sloping backward from the longer side of the main body to give a shear-cut. Said plow-point is secured to the main body A by rivets or bolts *e e*, and is formed with a half-dovetail or sloping back edge, *f*, from the shorter side of the main body A to a point in line with the inner side edge of the brace-piece B, and with a back wing, *g*, for the remainder of its width, corresponding with the brace-piece, against which it may be made to bear.

Arranged to fit upon the recessed portion of the face of the main body or plate A, formed by the half-dovetail back edge, *f*, of the point E, its wing *g*, and the brace-piece B, is either the plate C, which is flat upon its face and level with the point E and brace-piece B, or the mold-board plate D, which is of similar construction to the plate C, with the addition of an upwardly and backwardly curving extension or wing, *h*. Either of these plates is or may be used—that is to say, the flat or level plate C when it is required to completely subsoil or work the plow wholly as a scooter, and the mold-board plate D when the plow is required to operate as a turning one in its action upon the soil, thus making the plow a combined or reversible scooter and turning one. Either of said plates is steadied and supported by the brace-piece B, and by its fit within the half-dovetail back edge, *f*, of the point, and all that is necessary to secure it is the heel-bolt G, by which the main plate or body A, with its attachments, is fastened to the stock or standard H of the plow.

I am aware that it is not new to use a median brace-plate, and to support one side of each wing against it; but my object is to so arrange the brace-piece that a scooter-plate or a mold-board plate may either be conveniently held on the shoe; hence

What I claim as new and of my invention is—

The combination, with a plow shoe and standard, of a brace-plate, B, flush with the straight side of said shoe, arranged some distance below its upper edge, and receiving an angled plow-plate, substantially as shown and described.

JEFF. D. PACE.

Witnesses:

J. A. ENLOE,
W. A. FULLER.