

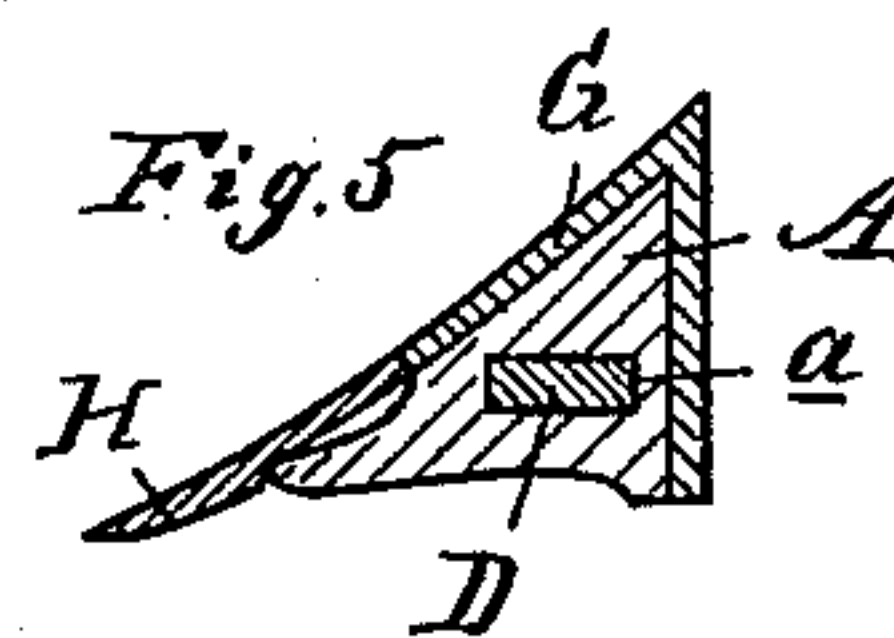
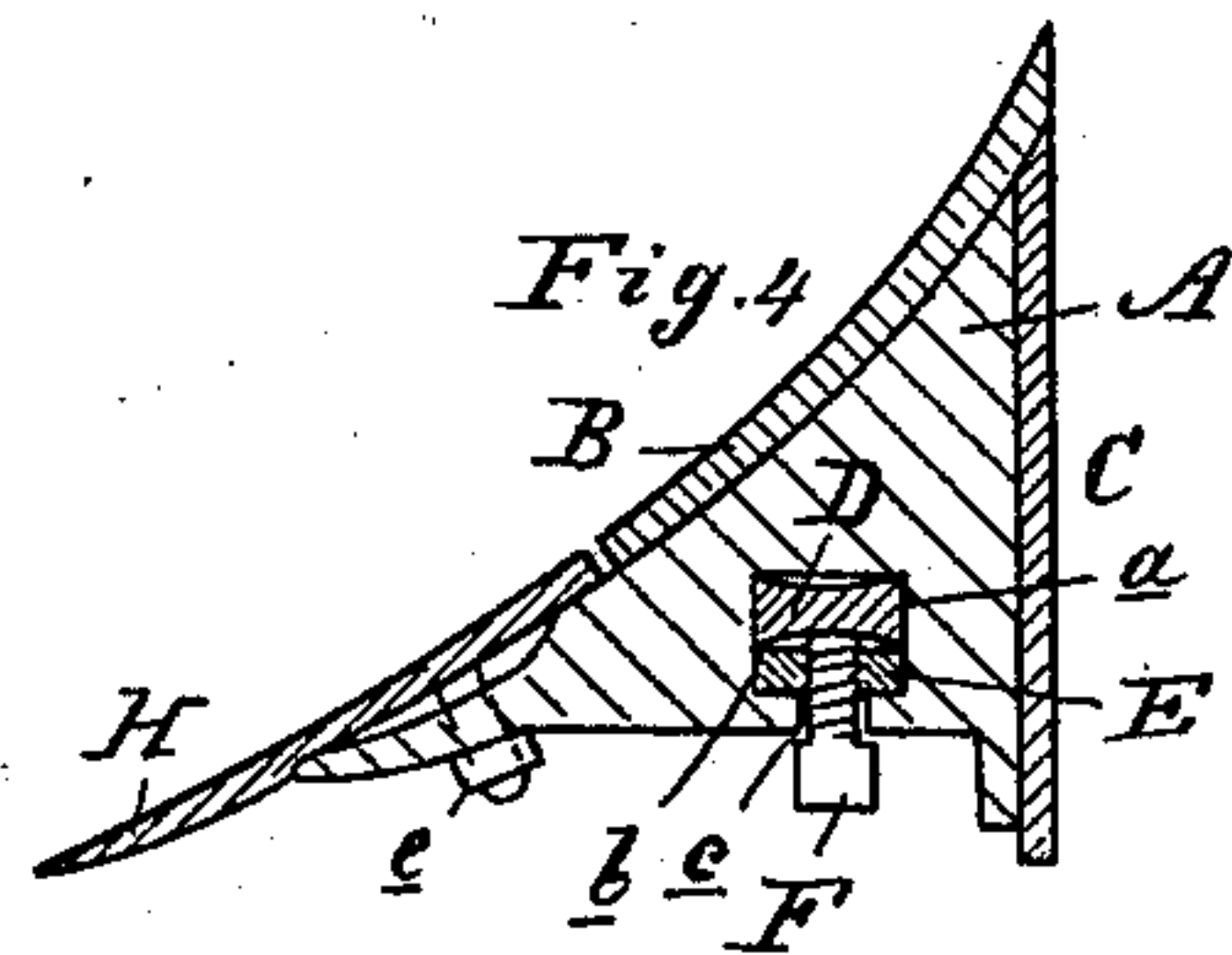
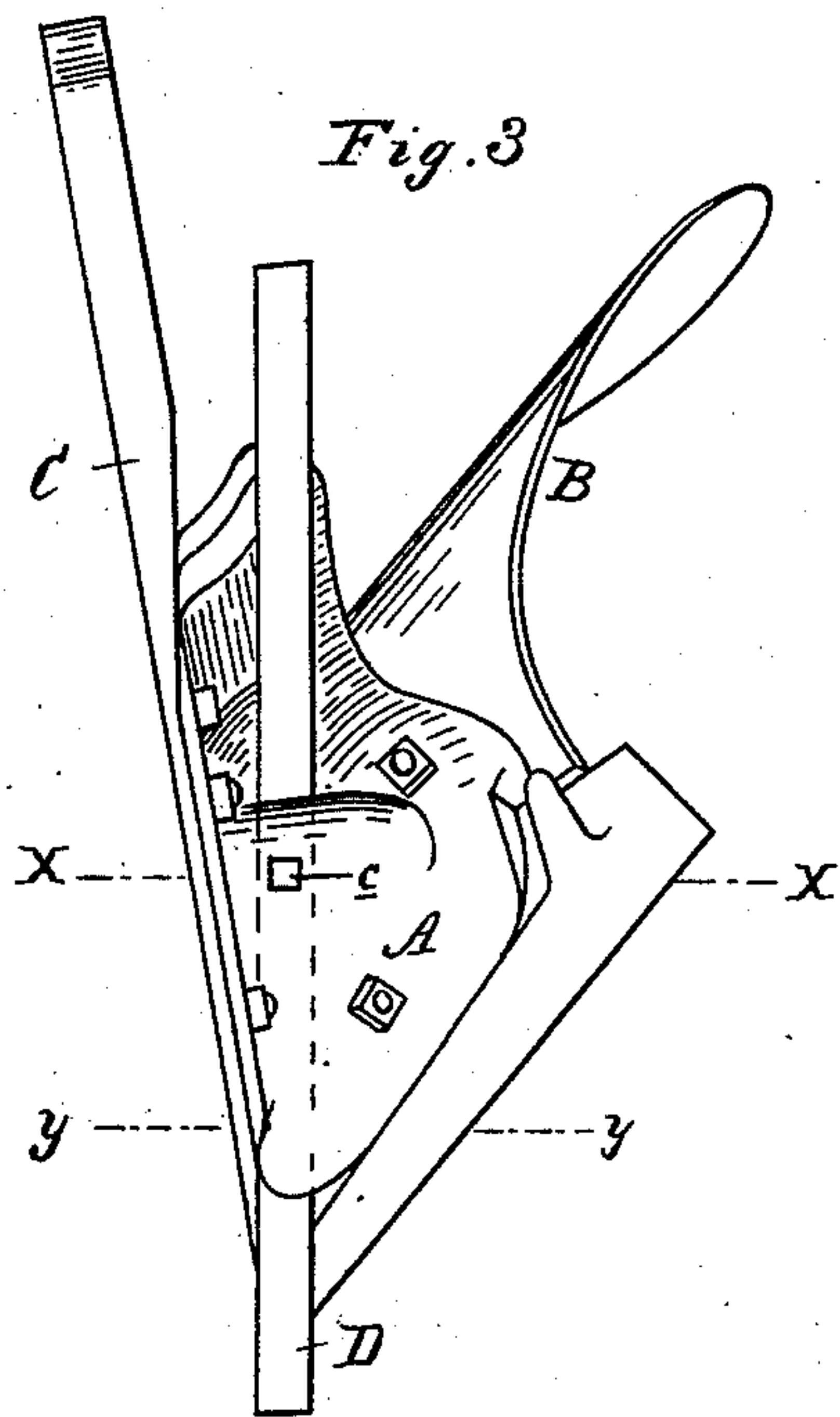
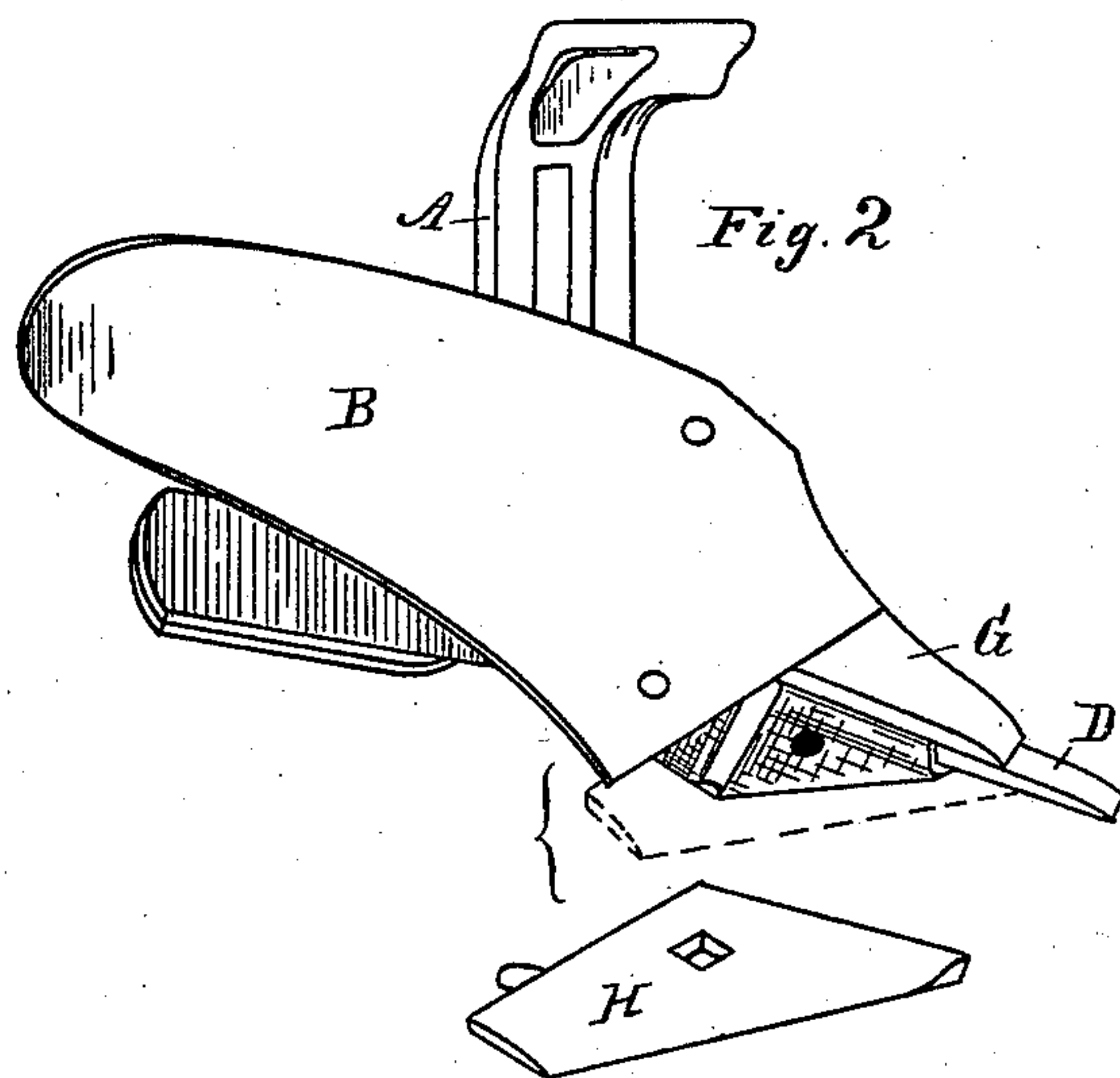
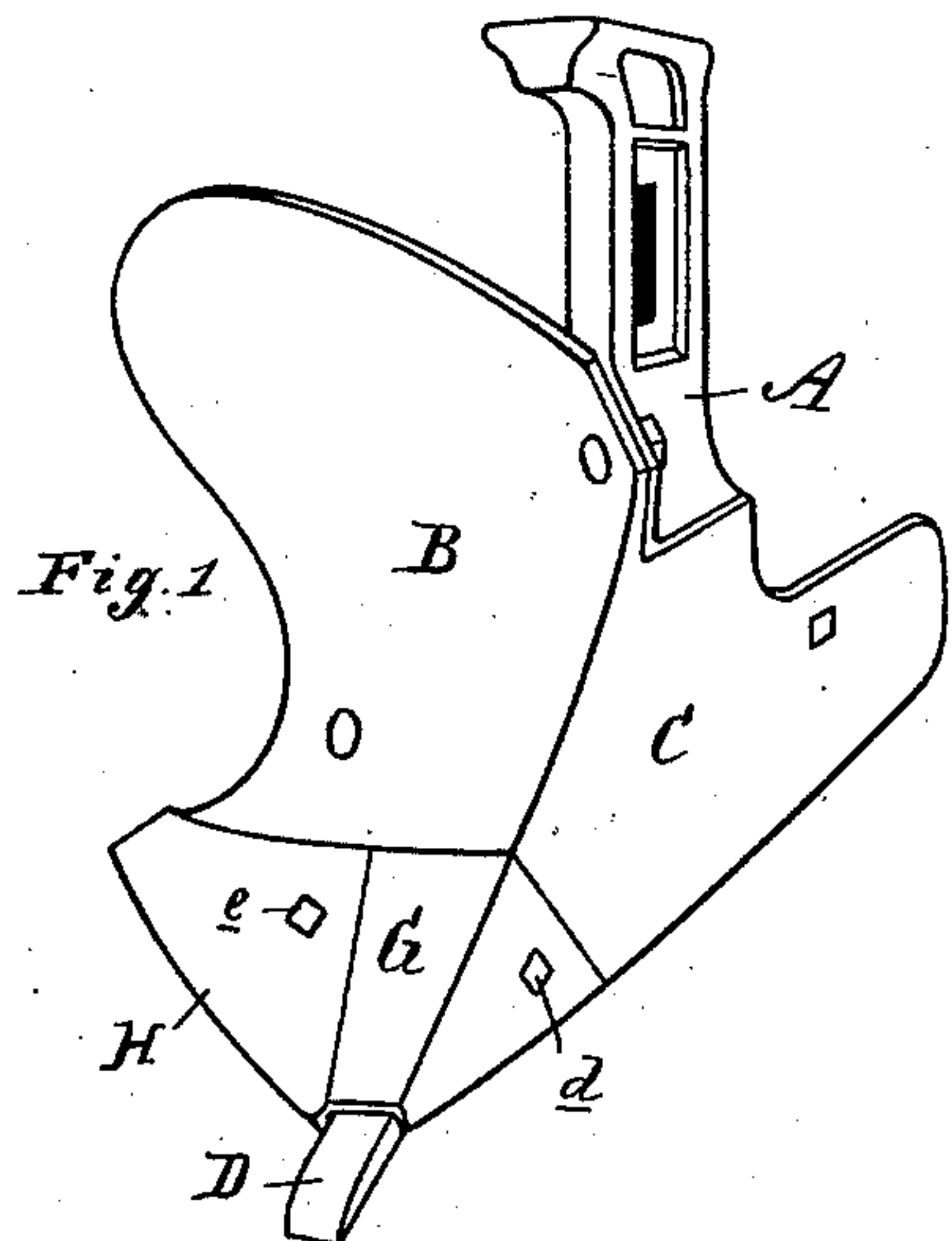
(No Model.)

A. J. GALE.

PLOW.

No. 347,102.

Patented Aug. 10, 1886.



Attest:  
John Schuman.  
*[Signature]*

Inventor:  
Augustus J. Gale.  
By his Atty  
*[Signature]*

# UNITED STATES PATENT OFFICE.

AUGUSTUS J. GALE, OF ALBION, MICHIGAN.

## PLOW.

SPECIFICATION forming part of Letters Patent No. 347,102, dated August 10, 1886.

Application filed April 22, 1886. Serial No. 199,769. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUSTUS J. GALE, of Albion, in the county of Calhoun and State of Michigan, have invented new and useful Improvements in Plows; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

10 This invention relates to certain new and useful improvements in plows.

The invention consists in the peculiar combinations and the novel construction and arrangement of parts, all as more fully herein-  
15 after described and claimed.

Figure 1 is a perspective view of my improved plow. Fig. 2 is a similar view with plow-point removed. Fig. 3 is a bottom plan. Figs. 4 and 5 are cross-sections on line *x x* and  
20 *y y* in Fig. 3.

In the accompanying drawings, which form a part of this specification, A represents the standard, B the mold-board, and C the land-  
25 side, secured together in any of the known constructions of plows.

D is an interchangeable plow-point, which is adjustable in a slot, *a*, in the foot of the standard A, as in the ordinary manner. This point is secured to place by means of a set-screw, as follows: In the bottom wall of the  
30 slot *a* is formed a recess, *b*, to receive a nut, E, with which engages a set-screw, F, said set-screw passing through a slightly-enlarged orifice, *c*, in the standard. After the point has  
35 been adjusted to the desired projection beyond the point of the plow, the set-screw is turned up till its inner end comes in contact with and firmly clamps the point or bar against the body of the foot of the standard above it, as shown.

40 At the point of the plow I provide a cap or

saddle, G, which forms a portion of the land-side and point, and is secured over the toe of the standard by a suitable bolt, *d*, as shown. H is a plow-point, forming a portion of the mold-board. The joint between such point, the  
45 mold-board, and saddle or cap G is upon straight lines, and is secured to the toe of the standard by means of a bolt, *e*. By this construction it will be observed that I provide a means for securing the interchangeable point  
50 to its adjusted position, which precludes any wear of the standard by the set-screw, and by the employment of the cap or saddle at the toe of the plow I obtain additional strength of parts, while the extension portion of the mold-  
55 board or "plow-point," as ordinarily termed, can readily be fitted, and replaced when worn, at a very nominal cost.

What I claim as my invention is—

1. In a plow, the combination, with the  
60 standard and the interchangeable plow-point adjustable therein, of the cap or saddle G independent of said point, but forming a guide therefor, and forming also a portion of the  
65 landside at the toe of the plow, and the detachable wing-point H, forming a portion of the mold-board, substantially as described.

2. The combination, with the standard A, of the cap or saddle G, secured over the toe of said standard by the bolt *d*, and forming a  
70 portion of the landside and point, and the separate wing plow point H, secured to the toe of the standard by the bolt *e*, and forming a portion of the mold-board, substantially as described.

AUGUSTUS J. GALE.

Witnesses:

H. S. SPRAGUE,

CHARLES J. HUNT.