

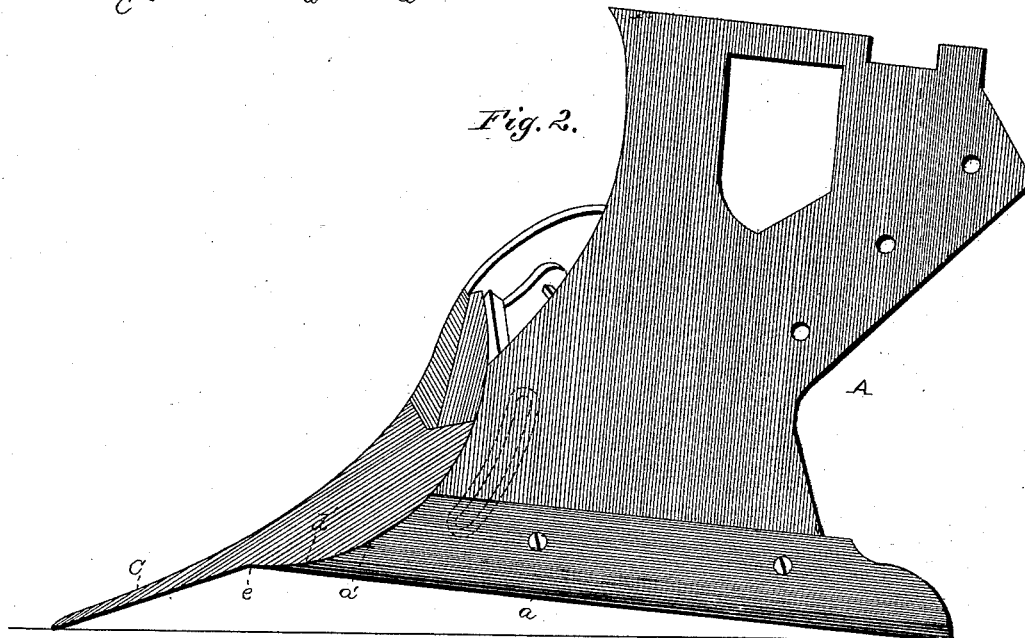
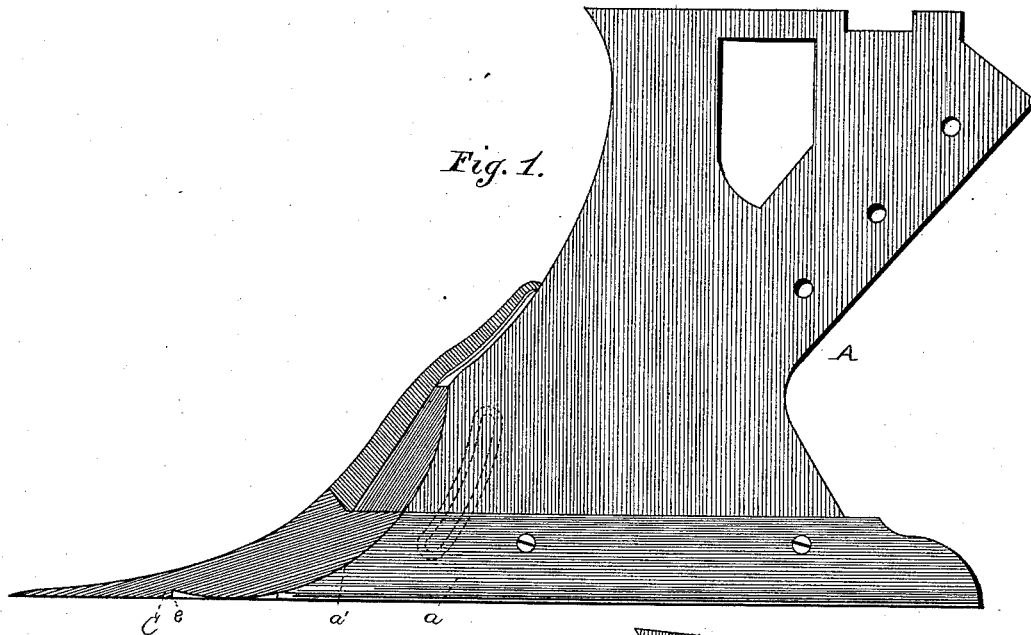
(No Model.)

A. G. BAZEMORE.  
PLOW

2 Sheets—Sheet 1.

No. 382,940.

Patented May 15, 1888.



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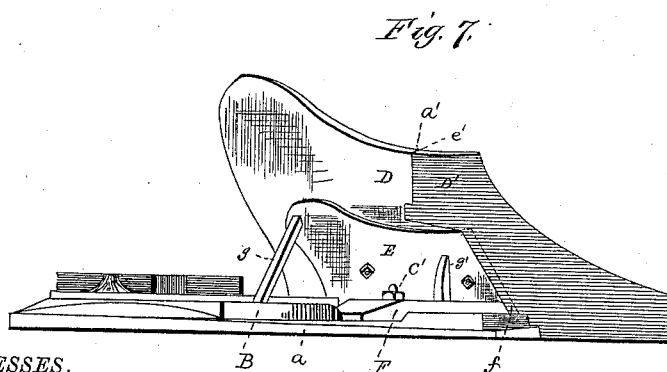
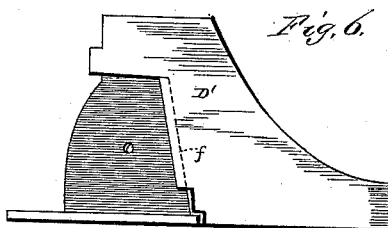
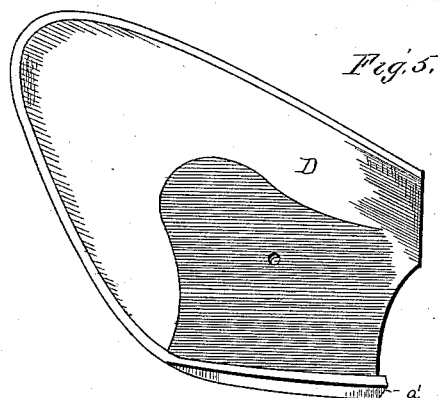
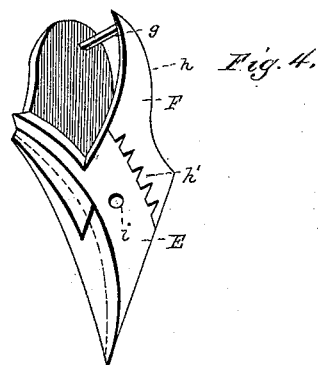
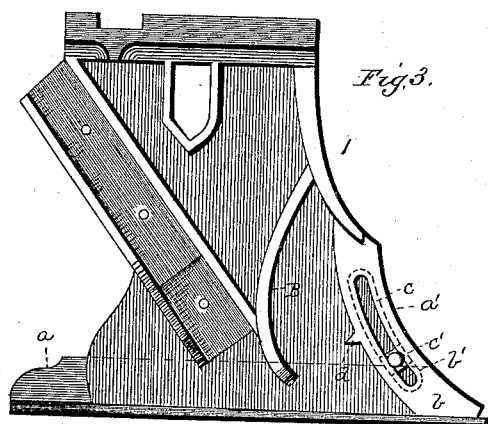
(No Model.)

A. G. BAZEMORE.  
PLOW

2 Sheets—Sheet 2.

No. 382,940.

Patented May 15, 1888.



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# UNITED STATES PATENT OFFICE.

ARNOLD G. BAZEMORE, OF AULANDER, NORTH CAROLINA.

## PLOW.

SPECIFICATION forming part of Letters Patent No. 382,940, dated May 15, 1888.

Application filed December 20, 1887. Serial No: 258,494. (No model.)

*To all whom it may concern:*

Be it known that I, ARNOLD G. BAZEMORE, a citizen of the United States, and a resident of Aulander, in the county of Bertie and State of North Carolina, have invented certain new and useful Improvements in Plows; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a side elevation of my improved plow-blade. Fig. 2 is a side elevation of same with point C thrown at its deepest pitch. Fig. 3 is an inside view of part of landside of plow. Fig. 4 is a detail bottom view of plate-piece E. Fig. 5 is a detail bottom view of part of blade. Fig. 6 is a detail bottom view of point of blade. Fig. 7 is a bottom view of plow-blade connected together.

The invention relates to improvements in plows; and it consists in the construction and novel combination of parts, hereinafter described, illustrated, and pointed out in the claims.

The object of my improvement is to provide a plow so arranged that it may be easily adjusted to the depth of furrow required. In ordinary plows it is necessary to lift or elevate the rear of the plow by means of the handles to give the point the downward pitch for deeper penetration.

Referring to the accompanying drawings by letter, A represents the landside of a plow, and *a* the extension-plate. The forward portion of the landside and the extension-plate describe the segment of a circle, which is provided with a shoulder, *a'*. The inner forward portion of the landside is somewhat thickened, as shown at *b*. This thickened portion is provided with an arc slot, *b'*, shouldered and recessed, as shown at *c*. Within the arc slot the clamping-bolt *c'*, having its squared head within the recess *c*, is placed. The outer end of the clamping-bolt *c'* is tapped to engage a threaded nut. By removing the extension *a* the lower portion of the arc slot has an opening outward, and the bolt *c'* may be removed or replaced. A lug, *d*, is provided about mid-

way of the thickened portion *b* at its rear edge to engage between the teeth of a rack, hereinafter described.

B is a rib cast integral with the landside in the rear of and following the general contour of the arc slot *b'*.

C shows the landside of the plow-point engaging with the edge of the mold-board, the rear portion of which is formed in the arc of a circle and has the flange *d'*, which abuts against the shoulder *a'* on the landside. The lower edge of the flange *d'* has a shoulder, *e*, which abuts against the end of the extension-plate when the point is adjusted to its extreme downward pitch.

D D' show the inner face of the mold-board and point joined at *e'*. The point D' is thickened and provided with the inwardly-inclined keeper or flange, as shown at *f*. The parts D and D' are held together by the plate-piece E being bolted thereto. The lower end and a section of the inner edge of the plate-piece E slide within and engage the inclined flange *f*. The outer edge of the plate-piece partakes of the general outline of the arcs *d' a'*.

The plate-piece E is furnished near its outer edge with the outstanding plate-piece F, the outer face of which normally rests against a portion of the inner face of the landside, and is held firmly and rigid by the braces *g g'*. The rear edge, *h*, of the plate-piece F is rounded to abut and slide against the rib B.

*i* is an opening in the plate F, through which the clamping-bolt *c'* is placed for clamping the parts as adjusted.

The rear section of the plate F is thickened and provided with the adjusting-rack *h*, between the teeth of which the lug *d* engages and prevents the parts from turning on the bolt *c'* after adjustment.

In operation, when it is necessary to adjust the point to a greater or less depth or pitch, it is only necessary to loosen the nut on the clamping-bolt, when the point and mold-board may be turned or adjusted vertically. The nut is then tightened, which brings the lug in connection with the rack, and the point and heel of the plow are brought in the same horizontal plane.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a plow, the combination, with the point, of the landside and plate having the concave circular front portion provided with the shoulder for engaging the flange portion 5 of the point, substantially as specified.
2. In a plow, the landside provided on its inner face with the thickened portion and arc slot having the recess and the clamping-bolt therein, the lug on the edge of the thickened 10 portion, and the rib, substantially as specified.
3. In a plow, the combination of the mold-board and landside having the circular flanged edge and the point having the shoulder *e* and the inclined keeper or flange *f*, substantially 15 as specified.
4. In an adjustable plow, the plate-piece

bolted to the inner face of the point portion and mold-board, and the outstanding plate-piece rounded at its rear edge and having the opening for the clamping-bolt, and the adjust- 20 ing-rack, substantially as specified.

5. In a plow, the removable adjusting device, consisting of the plate-pieces *E F*, the braces *g g'*, the rack *h*, and the opening *i*, in combination with the clamping-bolt, the arc 25 slot, and the rib, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

ARNOLD G. BAZEMORE.

Witnesses:

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