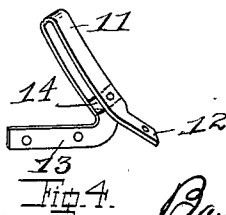
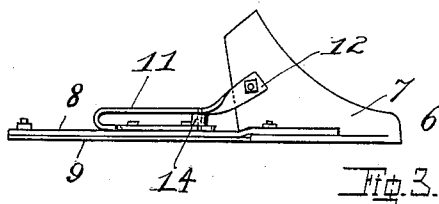
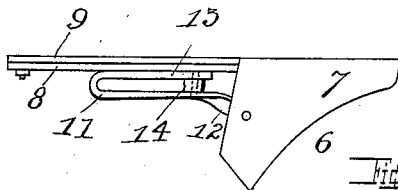
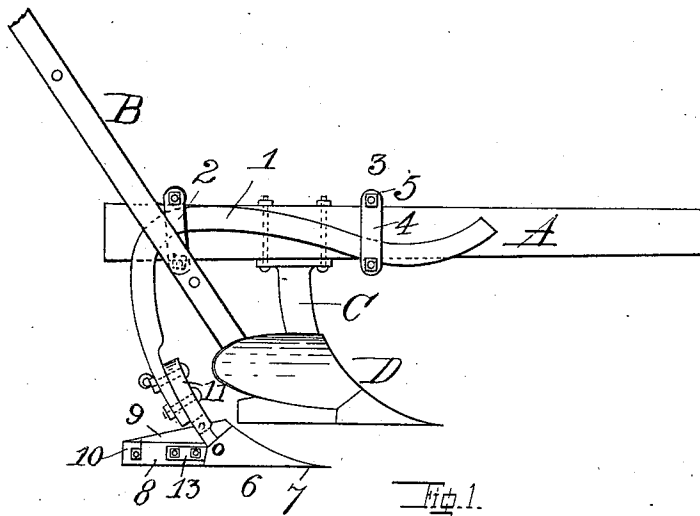


(No Model.)

B. L. WYATT.
ATTACHMENT FOR PLOWS.

No. 564,170.

Patented July 14, 1896.



Witnesses
L. F. Hayden
H. L. Keith.

Inventor
B. L. Wyatt,
By Attorneys,
A. Woodson.

UNITED STATES PATENT OFFICE.

BASCOM L. WYATT, OF ATLANTA, GEORGIA.

ATTACHMENT FOR PLOWS.

SPECIFICATION forming part of Letters Patent No. 564,170, dated July 14, 1896.

Application filed April 22, 1895. Serial No. 546,759. (No model.)

To all whom it may concern:

Be it known that I, BASCOM L. WYATT, a citizen of the United States of America, and a resident of Atlanta, in the county of Fulton and State of Georgia, have made a certain new and useful Subsoil-Plow; and I do hereby 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 and figures of reference marked thereon, which form a part of this specification.

This invention is shown in the accompanying drawings as follows:

Figure 1 is a side elevation of a "two-horse" stock with an ordinary turn-plowshare and this subsoiler attached. Fig. 2 is a plan of the subsoiler-share. Fig. 3 is an inverted plan thereof, and Fig. 4 is a detail of the peculiarly-bent stem therefor.

In the figures like reference-characters are uniformly employed in designating corresponding parts in all the views.

A is the beam; B, the handles; C, the standard, and D the share, which latter in this case is generally a turn-share, the other parts being usually, although not absolutely necessary, a two-horse build of plow. Any of these parts may be of any construction not in conflict with the construction forming the subject-matter of this present invention.

1 is a supplementary beam which is curved downwardly and forwardly at its back end and is slotted at the extremity of its downward projection to adapt it to receive the heel-bolt and to allow for adjustment. As it extends forwardly along the beam A it is curved downwardly, and then, in order to prevent the exposure of the end below the said beam A, upwardly, as shown in Fig. 1. A clamp 2 takes onto the back end of the beam 1, either as shown or in any other manner which will in a manner pivot said beam thereon and hold it securely from accidental displacement, another clamp, 3, formed of plates 4 and bolts 5 securing the same together, one on either side of the beams. These plates 4 should be just sufficiently long to hold the bolts 5 near to the upper and lower side of the beam A, or at least the upper bolt should contact with the upper side thereof, in order that the beam 1 may rest its forward end upon the lower bolt

and thereby communicate all strain of holding the subsoil-share steady to the clamp-plates longitudinally.

It will be seen that by moving the clamp 3 along the beam A the position of the beam 1 relatively thereto may be changed in a vertical direction and the lower edge of the said beam 1 still rest upon the lower bolt 5.

The subsoil-share 6 is composed of a small turn-share point 7, preferably long and sharp-pointed, to which is secured a landside 8, of which 9 is the steel plate and 10 the wrought-iron bracing-bar. These are firmly braced, which is necessary, inasmuch as the duty of a subsoil-plow is extremely severe, and the ordinary means are insufficient for the proper bracing. This brace and also the shank 11 are constructed of a bar of iron bent into a loop, and having the end 12 extended forward at an angle which will fit under the point, or, to be definite, the wing thereof, and the other end 13 is turned back in its own plane and bolts to the inner side of the landside. The loop extends upwardly and receives the heel-bolts 14, which secure it adjustably to the standard portion or downwardly-projecting part of the beam 1, whereon it may receive vertical adjustment to cause it to subsoil the required number of inches below the cut of the turn-share. It is plain that with this bracing the proper relative positions of the point and landside, as well as that of both to the line of draft of the plow, will be preserved, and it is obvious that the subsoil-blade may be attached to the beam in any manner or by any form of standard.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

In a plow, the combination of a turn-share point, a landside and a brace-bar bent in the form of a loop-stem, having one of its lower ends twisted and bent forwardly and secured to said point and the other one of its lower ends turned back and lying alongside the landside, whereto it is bolted substantially as and for the purposes set forth.

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

BASCOM L. WYATT.

Witnesses:

ALBERT P. WOOD,
H. L. KEITH.