(No Model.)

W. E. SEFTON.

ROLLING COLTER.

No. 382,737. Patented May 15, 1888.

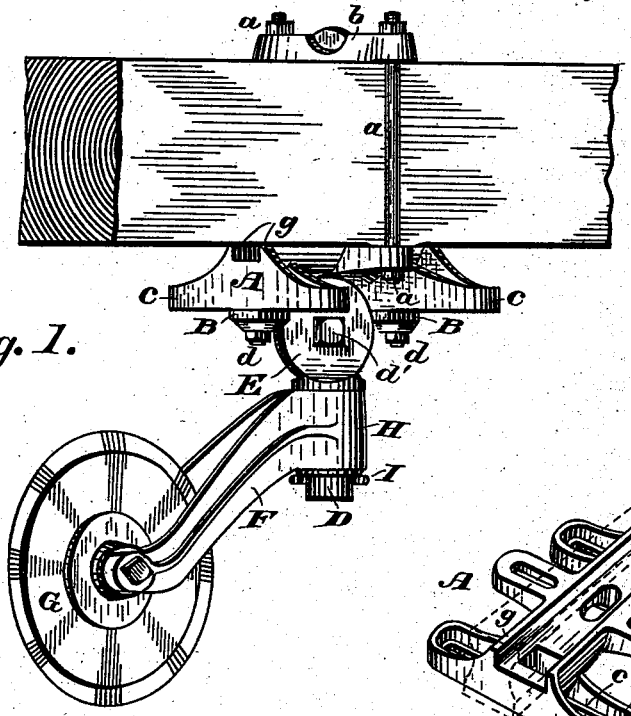

Fig. 1.

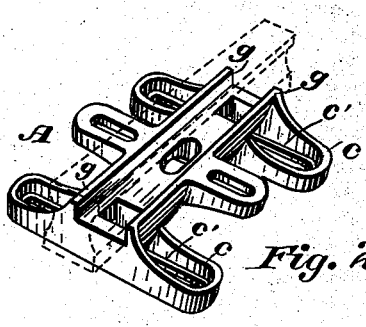

Fig. 2.

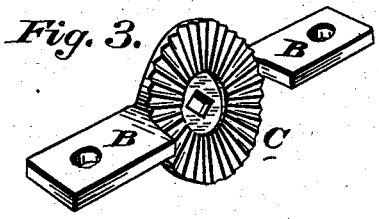

Fig. 3.

Fig. 5.

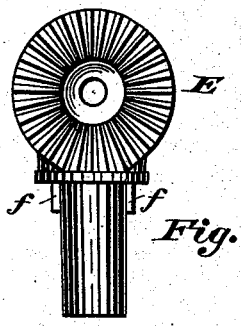

Fig. 4.

WITNESSES:

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ROLLING COLTER.

SPECIFICATION forming part of Letters Patent No. 382,737, dated May 15, 1888.

Application filed March 12, 1888. Serial No. 266,957. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. SEFTON, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Rolling Colters; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon, in which—

Figure 1 is a side elevation showing colter attached to a plow-beam. Fig. 2 is a detached perspective view of the frame. Fig. 3 is a detached view of the disk-bar. Fig. 4 is a detached view of the disk-connecting arm. Fig. 5 is a detached view of the colter-arms, showing the colter removed.

The present invention has relation to rolling colters; and its nature consists in the different parts and combination of parts hereinafter described, and particularly pointed out in the claims.

Similar letters of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings, A represents the frame or head, which may be substantially of the form shown in the drawings, and is securely attached to the beam of a plow by means of the clamping-bolts *a* and the cap or plate *b*. The frame A is provided with the parallel arms *c c*, which are located substantially as shown, and are for the purpose hereinafter described.

To the bottom or under side of the frame A is securely attached the disk-bar B by means of the clamping-bolts *d d*, and is so arranged that said disk-bar, together with the different parts attached thereto, can be adjusted laterally to any point desired within the limits of the parallel arms *c c*, thereby adjusting the colter proper to either a right or left hand plow. The disk C is located and adjusted substantially as shown in Fig. 1. The connecting-arm D is provided with the disk E, said disks being securely held together by means of the clamping-bolt *d'*. The meeting faces of the disks C and E are corrugated or serrated, thus securely holding the colter-arms F and the colter G at any desired point of adjustment.

It will be seen that by providing the serrated disks the colter proper can be adjusted to any desired point below the plow-beam.

It will be understood that the clamping-bolt *d'* is to be loosened when it is desired to change the adjustment.

To the connecting-arm D are attached the colter-arms F by means of the socket or eye H, said parts being arranged substantially as shown in Fig. 1, and are held in position by means of key I or its equivalent. On opposite sides of the socket or eye H are located the grooves or recesses *e*, which fit the feathers *f*, and are for the purpose of limiting the lateral movement or motion of the colter-arms F and the colter-wheel G.

It will be seen that by means of the corrugated or serrated disks C and E and the clamping-bolt *d'* the colter-wheel G can be adjusted either up or down, as desired, and at the same time can be held perfectly rigid at any point desired.

It will also be seen that by means of the parallel arms *c c*, provided with the grooves *c' c'*, the colter-wheel G, together with the arms F, can be adjusted either to the right or left when the connecting-arm D stands at any angle without causing the colter-wheel G to assume an inclined position; or, in other words, the colter G will always be in a perpendicular position without reference to the lateral adjustment of said colter-wheel G.

The frame A is provided with the ribs *q*, which are for the purpose of receiving the edges of a steel beam, as indicated by dotted lines, Fig. 2, and at the same time providing a bearing-surface for a wood beam.

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

1. The frame A, provided with the parallel arms *c c*, in combination with the disk-bar B, having the serrated disks C, the connect-

ing-arm D, having disk E, and the colter-arms F, substantially as and for the purpose specified.

2. The frame A, provided with the parallel arms *c c*, having the grooves *c' c'*, in combination with the disk-bar B, having the serrated disks C, the connecting-arm D, having disk E, and the colter-arms F, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WILLIAM E. SEFTON.

Witnesses:
C. H. SCHLABACH,
T. C. BELDING.