

W. M. ECCLES.
Plow Cleaner.

No. 105,660.

Patented July 26, 1870.

Fig. 1.

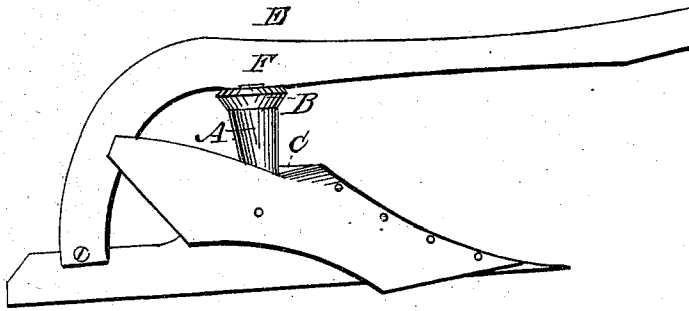
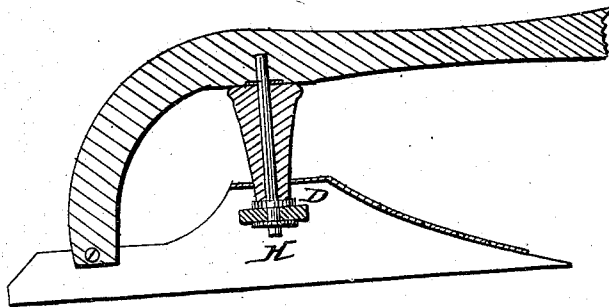


Fig. 2.



Witnesses
Edw. Luffin
Wm. Luffin

Inventor
W. M. Eccles
per *Otto Luffin*
Att'y

UNITED STATES PATENT OFFICE.

WILLIAM M. ECCLES, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN DEVICES FOR PREVENTING PLOWS FROM CHOKING.

Specification forming part of Letters Patent No. 105,660, dated July 26, 1870.

To all whom it may concern:

Be it known that I, WILLIAM M. ECCLES, of the city and county of St. Louis, State of Missouri, have invented a new and useful Device to Prevent Plows from Choking, of which the following is a specification.

The nature of my invention consists in constructing a roller in such a manner between the beam of the plow and the landside of the plow that it will prevent the plow from choking.

Figure 1 shows a perspective view of my invention connected to a common plow, in which F is the beam. H is the landside of a plow. A is a roller with a flange on the upper end, and made fast to the same. D is a shoulder projecting from the inside of the landside H, and designed for the lower end of the roller A to rest upon. C is a kind of platform projecting from the mold-board of the plow, through which there is a hole large enough to admit the roller A. This is bent over from the mold-board; so that the roller A passes through it at right angles, and is intended to prevent the dirt and trash from falling through and clogging the roller at D. This roller A is in an upright position, and is made to revolve on the iron or

steel rod E, which passes through the beam F, thence through the roller A, thence through the shoulder D, where it is fastened by a nut. Thus it serves two purposes—one to hold the beam and landside together, and the other to form an axis for the roller A. The flange prevents the trash from wedging in between the beam F and the upper end of the roller A. The landside H is cut away at *b*, so as to show the lower end of A and D. Now, when any trash strikes the roller A it will roll off to one side or the other, for the roller A will move either way.

I do not claim the landside H, nor the beam F, nor the rod E; but

I claim—

1. The application of the roller A to the plow, running from the beam F to the landside H, to prevent the plow from choking.

2. The arrangement of the roller A, rod E, platform C, base D, landside H, and beam F, constructed to operate as described.

WM. M. ECCLES.

Witnesses:

PETER J. TAAFFE,
DANIEL DILLON.