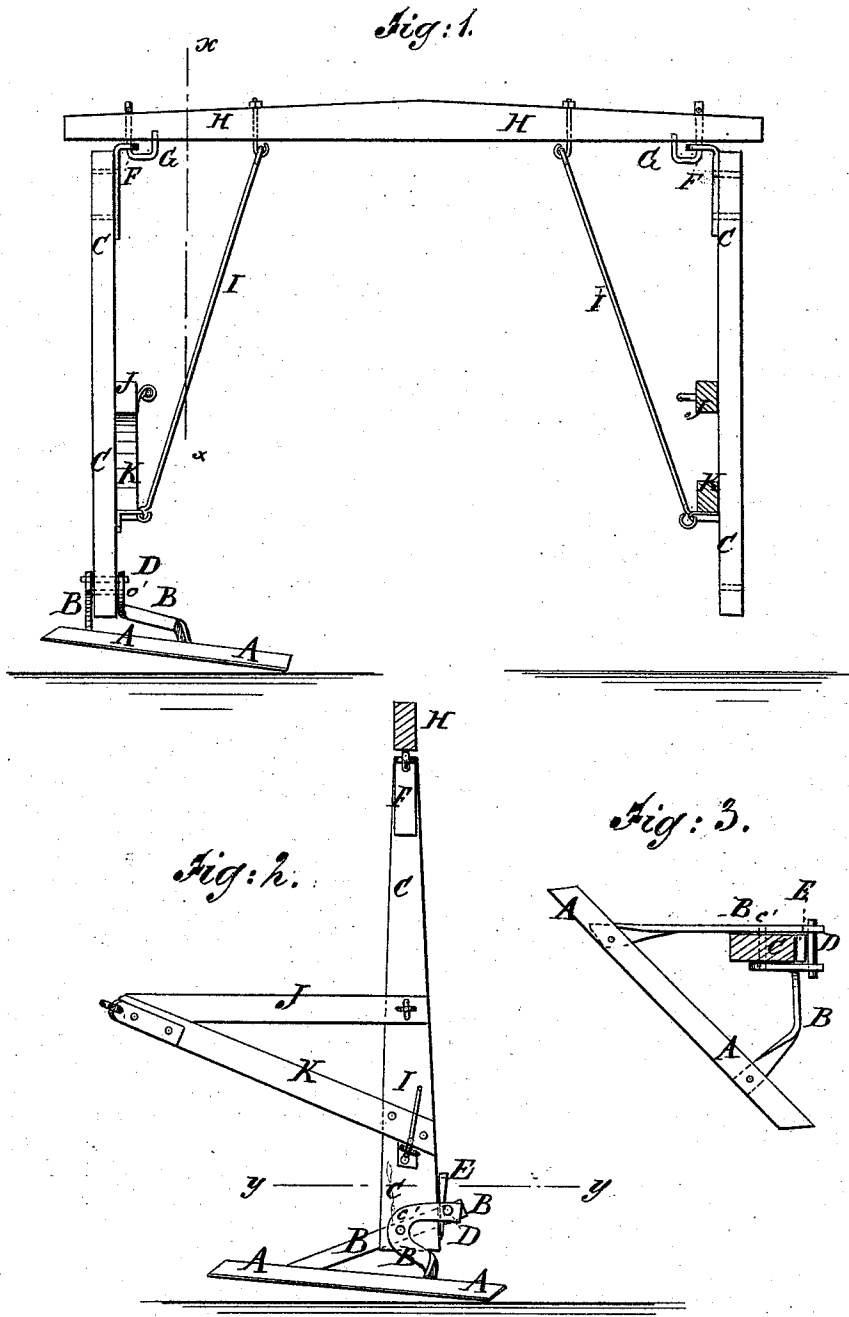


E. SLOSSON.

SCRAPER-ATTACHMENT FOR PLOWS.

No. 173,565.

Patented Feb. 15, 1876.



WITNESSES:

Chas. Nida.
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INVENTOR:

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UNITED STATES PATENT OFFICE.

EUGENE SLOSSON, OF MORRIS, ILLINOIS.

IMPROVEMENT IN SCRAPER ATTACHMENTS FOR PLOWS.

Specification forming part of Letters Patent No. **173,565**, dated February 15, 1876; application filed October 23, 1875.

To all whom it may concern:

Be it known that I, EUGENE SLOSSON, of Morris, in the county of Grundy and State of Illinois, have invented a new and useful Improvement in Scraper Attachment for Corn-Plows, of which the following is a specification:

Figure 1 is a front view of my improved attachment. Fig. 2 is a vertical section of the same taken through the line *x x*, Fig. 1. Fig. 3 is a detail top view of the scraper, the standard being shown in section through the line *y y*, Fig. 2.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved scraper attachment for wheel corn-plows, which shall be so constructed as to allow the scraper to be adjusted at any desired angle, and which shall be simple in construction, effective in operation, and convenient in use, being easily attached to and detached from the beams of the corn-plow.

The invention will first be described in connection with the drawing and then pointed out in the claims.

A are the scraper plates or blades, to which are rigidly attached two arms or supports, B. The arms B are so formed as to fit against the opposite sides of the lower ends of the standards C, to which they are secured by a bolt, C', thus pivoting the said scrapers to the said standards. The ends of the arms B project at the rear side of the standards C, and have holes formed through them to receive wooden pins D, which are made sufficiently strong to resist the draft-strain under ordinary circumstances, but which, should the scrapers A strike an obstruction, will break and allow the scrapers to swing back to prevent them from being broken. E is a wedge interposed between the wooden pin D and the standard C, so that by forcing the said wedge E down or up the pitch of the scrapers A may be adjusted, as

desired. To the upper ends of the standards C are attached eye-straps F. The upper ends of the straps E are bent inward, and through their eyes are passed the hooks or bends of eyebolts or staples G, attached to the end parts of the cross-bar H, that connects the upper ends of the standards C.

I are braces, the upper ends of which are pivoted to the cross-bar H, and their lower ends are pivoted to the lower parts of the standards C, by eyebolts or other suitable connections that will give the braces I the necessary play. The standards C are extended upward so far that the cross-bar H may be above the driver's seat. J are arms, the rear ends of which are rigidly attached to the standards C, and which are designed to be bolted to the plow-beams, the ordinary standards being detached from said beams. The standards C are strengthened against the draft-strain by the braces K, the forward ends of which are secured to the forward ends of the arms J, and their rear ends are secured to the lower parts of the said standards C.

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

1. The combination, with scraper plate A and standard C, of the connecting-plates B B, rigidly fastened to the former, and pivoted to the latter, as and for the purpose described.

2. The combination of plates A B and standard C, the former pivoted to and projecting behind the latter, with a cross-pin, D, and wedge E, to adjust pitch of scrapers, as set forth.

3. The combination, with scrapers A, attached to pivoted plates B, of standards C C, cross-bar H, and braces I, all loosely connected, as and for the purpose specified.

EUGENE SLOSSON.

Witnesses:

WILLIAM DEWEY,
RUFUS K. SLOSSON.