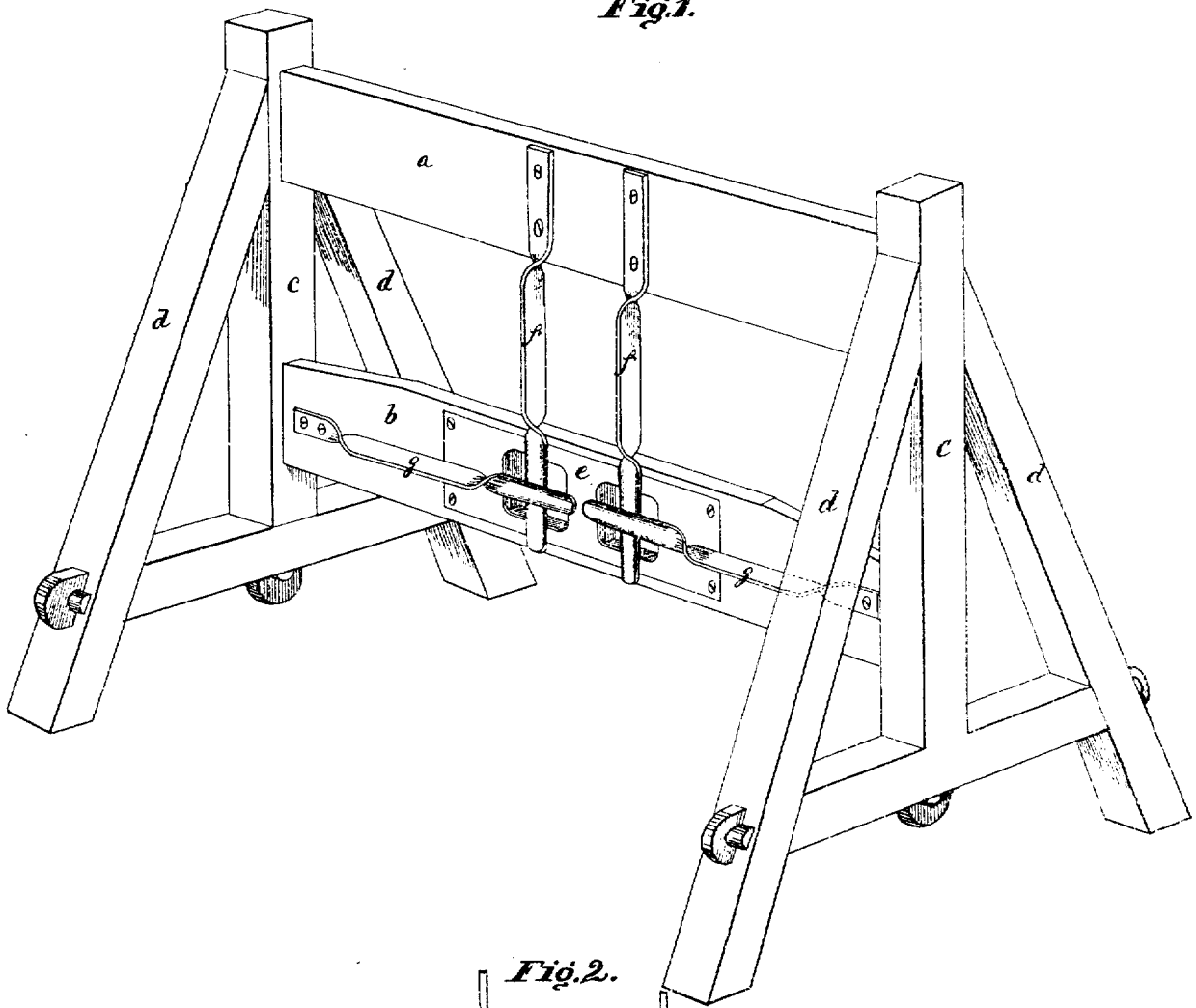
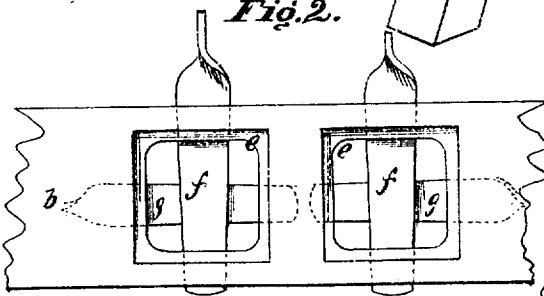


Frederick Roux. Sorghum Stripper.

No. 118,881.

Patented Sep. 12, 1871.

Fig.1.*Fig.2.*Witnesses

H. A. Dennis
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Inventor.

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UNITED STATES PATENT OFFICE.

FREDERICK ROUX, OF STRYKER, OHIO.

IMPROVEMENT IN SORGHUM-STRIPPERS.

Specification forming part of Letters Patent No. 118,881, dated September 12, 1871.

To all whom it may concern:

Be it known that I, FREDERICK ROUX, of Stryker, in the county of Williams and State of Ohio, have invented a new and useful Improvement in Sorghum-Strippers; and I do hereby declare the following to be a full, clear, and exact description thereof, sufficient to enable those skilled in the art to which my invention appertains to fully understand and to make and use the same, reference being had to the accompanying drawing, in which—

Figure 1 is a perspective view of a sorghum-stripper constructed according to my invention, and Fig. 2 is an enlarged view of the stripping-springs and openings, showing the opposite side from that represented in Fig. 1.

This invention consists in the construction and arrangement of the stripping devices, as herein after described and claimed, whereby the capacity of the stripper is much increased, and it is adapted for stalks of different diameters.

Similar letters of reference indicate like parts in the two figures.

The stripping devices are attached to a portable frame, which is preferably constructed as shown in Fig. 1, of two parallel bars, *a b*, let into end pieces *c c*, of inverted T-shape, to which are secured inclined supports *d d*. In the lower cross-bar *b* are two square openings, the edges of which, on the side shown in Fig. 2, are slightly beveled. On the opposite side of the bar a metallic plate, *e*, is let in flush with the surface. This plate has openings registering with those in the bar, but having rounded corners. To the upper bar *a* are attached strips of metal *f f*, twisted to form springs, their lower portions, which become gradually narrower, extending across the openings in the plate *e*. Horizontal springs or strips *g g*, similar to those marked *f*, are secured to the bar *b* and extend across the openings in the metallic plate at right angles to the springs *f*, which they overlap. The outer portions of the springs *f g* beyond the twist, besides being made gradually narrower, are reduced in thickness toward the extremities to form blades with rather thin edges. It will be seen that by this construction and arrangement of parts, each opening in the metallic plate *e* is made

to form four "corners," through which the canes may be drawn for stripping. Thus the stripper can be used much longer without sharpening than would be possible if the opening and two springs formed but one orifice; and the springs are so secured that they can be turned or sprung laterally to a slight extent, thus making the corners of different sizes to strip large or small canes. This result is, however, accomplished to some extent without turning or bending the springs, by their outer portions being gradually narrowed, as before mentioned. The sorghum canes or stalks having been cut down and the tops removed, are carried on a light rack to the stripper. On the side where the rack is placed stands the "feeder," who inserts the top ends of the canes one by one into either of the corners. On the opposite side the stalk is grasped by some one stationed there, drawn through, and piled up on rails, where they are tied in bundles. The stripper is made double, so that the canes may be stripped several at a time by one or more men on each side of the stripper. By means of this stripper the work may be rapidly and easily performed, and it is well done.

I am aware that sorghum-strippers have been made with the springs arranged at right angles and crossing each other; but there has only been formed a single opening for the passage of the cane. I do not claim such an arrangement of springs as new in itself; but

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

The plate *e*, having openings as described, in combination with a frame-work, and with springs *f g* extending across the openings at right angles to each other, whereby each pair of springs, in connection with each opening in the plate, forms a plurality of variable stripping orifices, substantially as herein described.

The above specification of my invention signed by me this 13th day of May, 1871, in the presence of two subscribing witnesses.

FREDERICK ROUX.

Witnesses:

WILLIAM KINKLE,
LOUIS THOUROT.