# G. Tollinger.

## Cane Stripper.

No. 65,966. Patented Jun. 18, 1867.

Fig. 1.

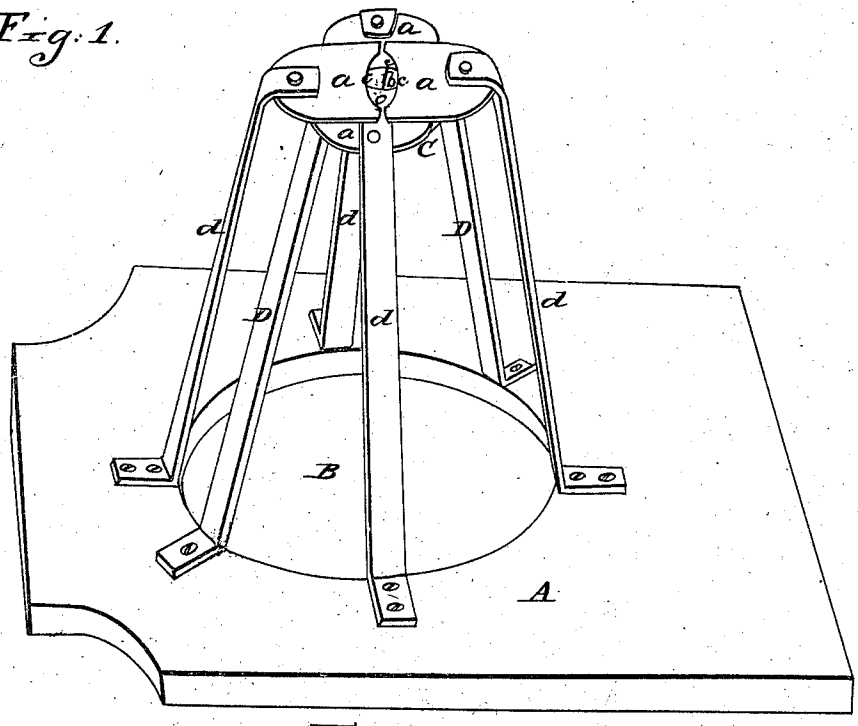
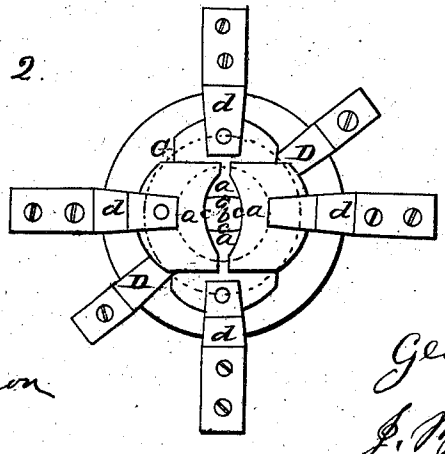



Fig. 2.




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# United States Patent Office.

GEORGE TOLLINGER, OF WRIGHTSDALE, PENNSYLVANIA.

*Letters Patent No.* 65,966, *dated June* 18, 1867.

## SORGHUM-STRIPPER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, GEORGE TOLLINGER, of Wrightsdale, in the county of Lancaster, in the State of Pennsylvania, have invented certain new and useful improvements in Sorghum-Strippers; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a perspective view of the stripping mechanism.

Figure 2 shows a top or end view of the working parts, with the ring-plate in dotted red lines.

The object of my invention is to prepare the stalks of sorghum for crushing by divesting them of all outside matter; and my invention consists in supporting four or more scrapers against a base ring or plate of metal, with a round hole through it of sufficient dimensions to admit of the largest canes to pass through, the scraper edges being so formed that each scraper will bear on considerable portion of the canes; the scrapers being also secured to spring, or yielding supports, so that they will conform to the taper of the canes, pressing nearly equally alike on all their sides from the tip to the butt-ends.

To enable others to make and use my invention, I will describe it more fully, referring to the drawings and to the letters marked thereon.

To a board or plank, A, of hard wood, with a round hole, B, cut through it near one end, I support a metal ring or plate, C, on two or more iron braces, D D. They may be of any desired length, so as to give a sufficient distance for the scraper-holders *d d d d* to yield, so that the scrapers *a a a a* will concentrate on the stalk or cane of sorghum, and press the surface from the tip to the butt sufficiently hard to strip it of all extraneous matter; the scraper-blades *a a a a* being made of steel, with curves *c c c c* large enough for the circle of the largest canes when the central opening *b* is expanded to its fullest capacity, and when contracted the opening *b* is small enough to scrape the tips of the canes, the scraper blades *a a a a* being secured to the spring-braces or holders *d d d d* at nearly right angles, so that they are supported and rest on the ring-plate C, and are capable of enduring any strain that may be required in stripping sorghum or sugar-cane, the spring scraper-holders *d d d d* being secured to the plank A, thus making a very cheap, substantial, and durable machine for the purpose.

It is well known to those who have been engaged in growing sorghum that the quality of the sirup and sugar much depends on the preparing of the cane for crushing, and when they are clean stripped the whole operation is performed in a much nicer and a more economical manner.

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

The construction and arrangement of the ring-plate C and braces D D, supporting the scraper-blades *a a a a*, which are secured to the yielding spring-braces *d d d d*, the whole being attached to the board or plank A, all in combination, operating substantially in the manner herein described, for the purposes set forth.

GEORGE TOLLINGER.

Witnesses:

A. SNOW,

J. L. BALLANCE.