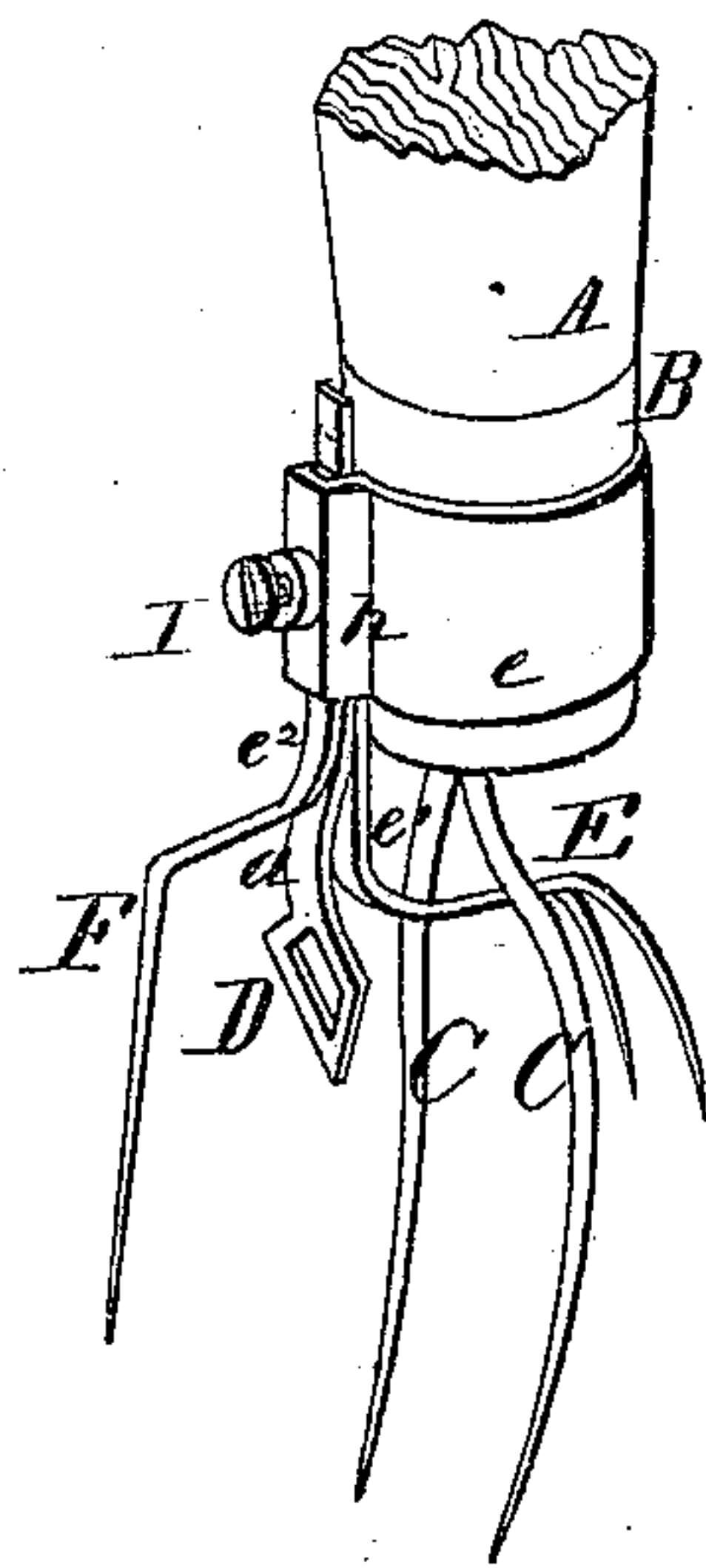


D. ARNOLD.

Band-Cutting Forks.

No. 133,396.

Patented Nov. 26, 1872.



*Witnesses.*

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# UNITED STATES PATENT OFFICE.

DAVID ARNOLD, OF CLYDE, OHIO.

## IMPROVEMENT IN BAND-CUTTING FORKS.

Specification forming part of Letters Patent No. **133,396**, dated November 26, 1872.

*To all whom it may concern:*

Be it known that I, DAVID ARNOLD, of Clyde, in the county of Huron and State of Ohio, have invented a new and valuable Improvement in Band-Cutting Forks; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

The figure of the drawing is a representation of a perspective view of my invention.

This invention has relation to certain improvements in the band-cutting fork for which Letters Patent of the United States were granted to me April 23, 1872; and the novelty consists in the construction and arrangement of the band-holding fork, the tines of which lie behind the main fork; and also in the construction and arrangement of an additional tine or guard, lying in front of said main fork, all substantially as hereinafter more fully described.

A in the drawing represents the handle, B the ferrule, and C C the prongs, of a pitch-fork. D is a V-shaped knife, whose shank *a* passes through an ear, *h*, that projects from the ferrule, or from the band *e* encircling it. In the same ear is also held the shank *e*<sup>1</sup> of a small two-pronged fork, E, which shank is bent and extended back between the prongs C, and behind them terminates in two short prongs. F represents a single tine or prong, which de-

pends in front of the knife D, and has its shank *e*<sup>2</sup> bent and extended back; and thence upward through the ear *h*, where, together with the shanks *a* *e*<sup>1</sup>, it is secured by means of a set-screw, I.

When a fork made substantially as described—that is to say, provided with the parts C D E F—is applied to a sheaf in a position to bring the knife at right angles across the band wherewith such sheaf is tied, the knife will, after the prongs C have entered the sheaf some distance, commence to cut the band. The fork E and tine F will, at the same time, enter the band, respectively, above and below the cutter, thus holding the sheaf in a proper position, and preventing the scattering of the grain.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a band-cutting fork, having the prongs C C, the band-holding fork E and knife D, having their shanks fitted together into the socket *h*, and secured by set-screw I, substantially as specified.

2. The tine F, in combination with the prongs C, knife D, and fork E, substantially as specified.

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

DAVID ARNOLD.

Witnesses:

PHILIP N. SCHUYLER,  
EBENEZER O. MERRY.