

(No Model.)

F. H. MARSHALL.
PITCHFORK ATTACHMENT.

No. 273,568.

Patented Mar. 6, 1883.

Fig. 1.

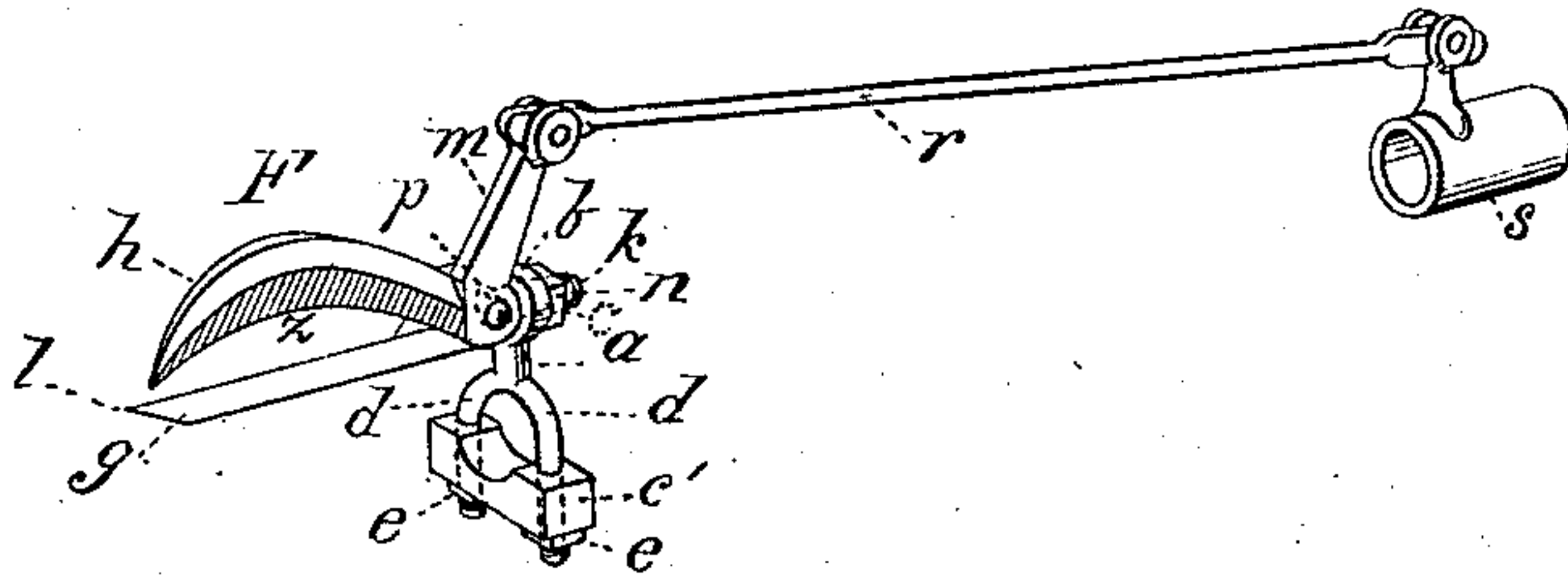


Fig. 2.

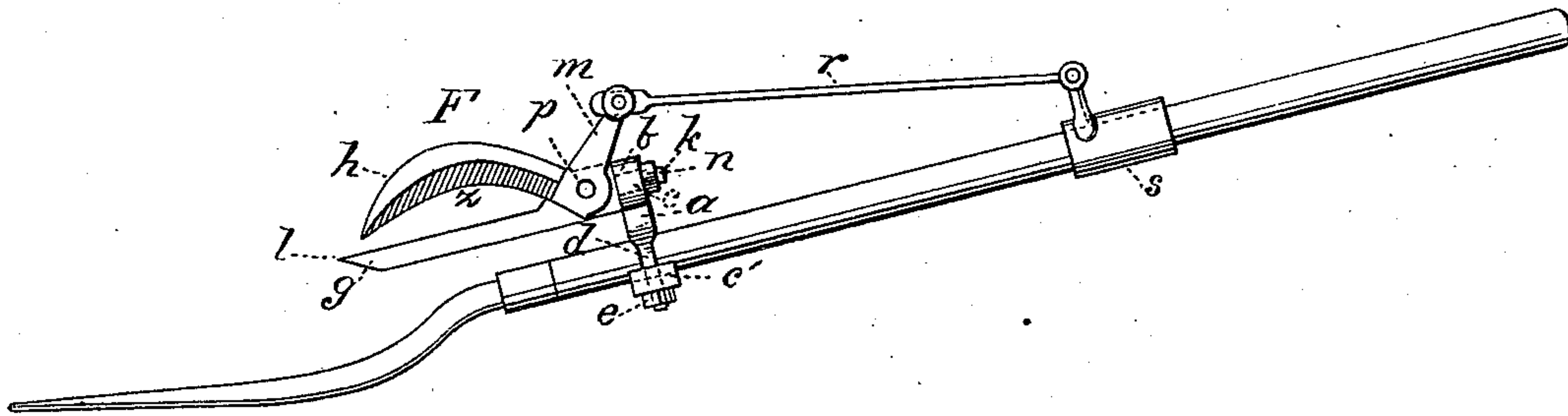
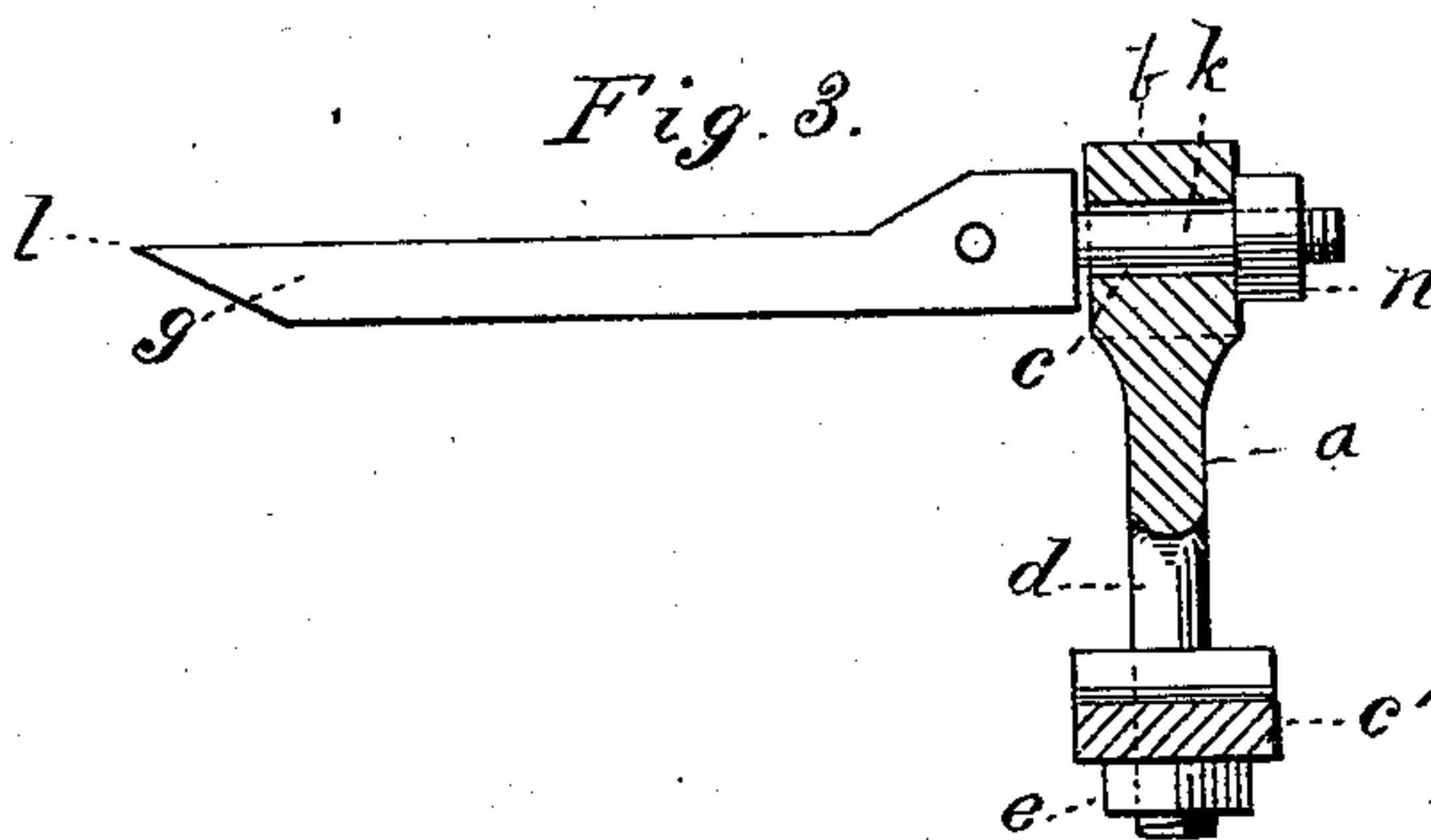


Fig. 3.



WITNESSES

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PITCHFORK ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 273,568, dated March 6, 1883.

Application filed September 30, 1882. (No model.)

To all whom it may concern:

Be it known that I, F. H. MARSHALL, a citizen of the United States, and a resident of Darlington, in the county of Montgomery and State of Indiana, have invented a new and valuable Improvement in Pitchfork Attachments; 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 drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of this invention in a perspective view. Fig. 2 is a side view of it applied to the handle of a pitchfork. Fig. 3 is a detail view.

This invention has relation to band-cutting attachments for pitchforks; and it consists in the construction and novel arrangement of parts, as will be hereinafter fully described and claimed.

In the accompanying drawings, the letter *a* designates the clip or fastening designed to be applied to the handle of the fork. This clip is formed with a head, *b*, having a journal-seat, *c*, extending through it, and is usually secured to the handle of the fork by means of a sliding plate or block, *c'*, which is perforated to receive the threaded ends of the branches *d*, and by the nuts *e*, which are applied to said threaded ends.

The shears or cutter *F* consists of a straight pointed blade, *g*, and a concave curved blade, *h*. The straight blade *g* is located next the fork, and is provided at its heel with a journal, *k*, which extends back in the direction of its length and engages the seat *c* in the head *b* of the clip, being designed to turn therein. The journal is prevented from escaping from its seat or bearing *c* by means of a nut, *n*, which is applied to its threaded end. By means of the journal *k* and its bearing the blade *g* is enabled to turn axially, or about the line of its cutting-edge, its point *l*, however, remaining in the same position with reference to the fork. The outer curved blade, *h*, is pivoted to

the broad heel of the straight blade at *p*, and is provided with an arm, *m*, extending outward from its heel end, said arm being connected, by means of a rod, *r*, to a sleeve-handle or slide-handle, *s*, which is applied to the handle of the pitchfork. The curved blade *h* is formed with a concave arched inner cutting-edge, *z*, which will hold the band securely until it is divided. As the blade *g* is pivoted in parallel relation to the fork-handle, and the slide-handle *s* of the attachment turns on said fork-handle, the shears can be readily turned about their long axis to facilitate their engagement with the band to be cut.

A fork having its tines and fenders slotted longitudinally has been combined with a double-edged vibrating knife operated by a rod-and-sleeve connection; and pruning-shears have been operated in a similar manner. Neither of these constructions is therefore claimed, broadly, herein.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. A band-cutting attachment for pitchforks, consisting of the clip *a*, provided with the seat *c*, the straight blade *g*, pivoted in said seat *c*, the arched blade *h*, pivoted to the heel of the blade *g*, and provided with the arm *m*, the connecting-rod *r*, and sliding sleeve *s*, substantially as specified.

2. A band-cutting attachment consisting of the clip *a*, provided with the seat *c*, the straight blade *g*, pivoted in said seat *c*, the arched blade *h*, pivoted to the heel of the blade *g*, and provided with the arm *m*, the connecting-rod *r*, and sliding sleeve *s*, in combination with a pitchfork, substantially as specified.

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

FLAVIUS H. MARSHALL.

Witnesses:

I. H. BUTLER,
W. H. H. SMITH.