

(No Model.)

W. FOGLESONG.
COLLAR STUFFING MACHINE.

No. 299,634.

Patented June 3, 1884.

Fig. 1

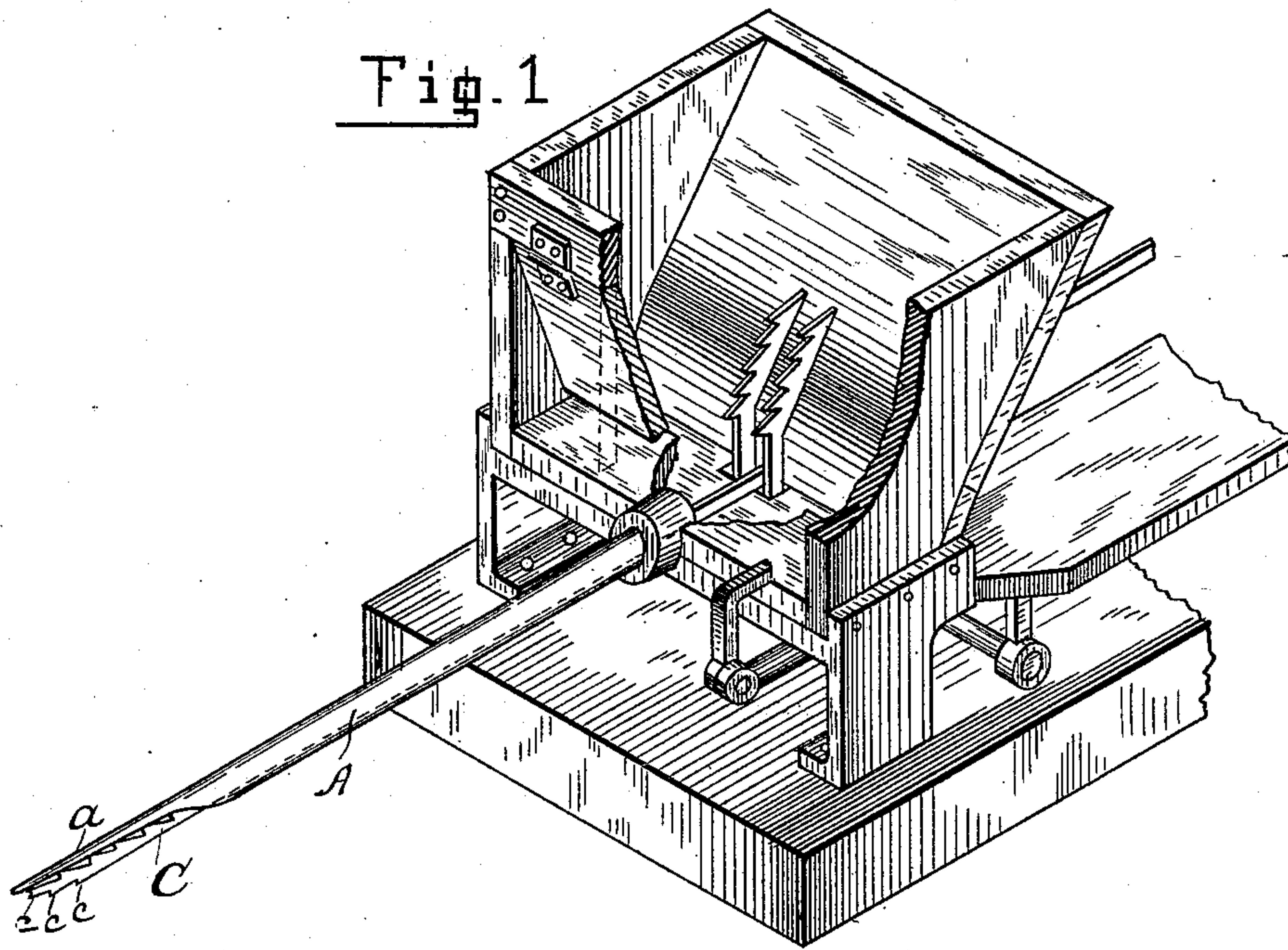


Fig. 2.

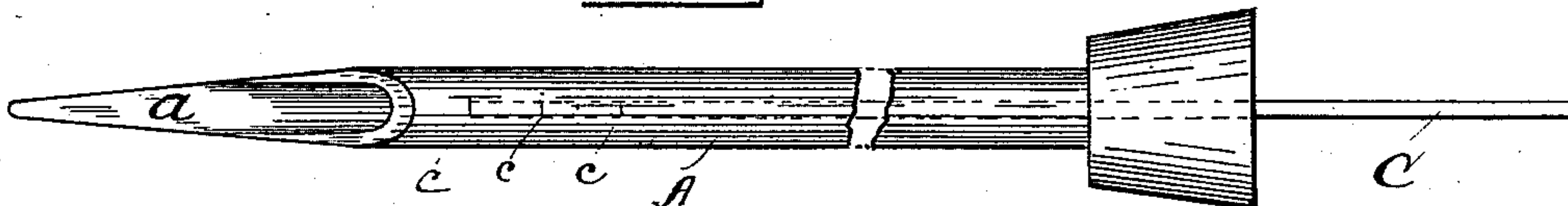
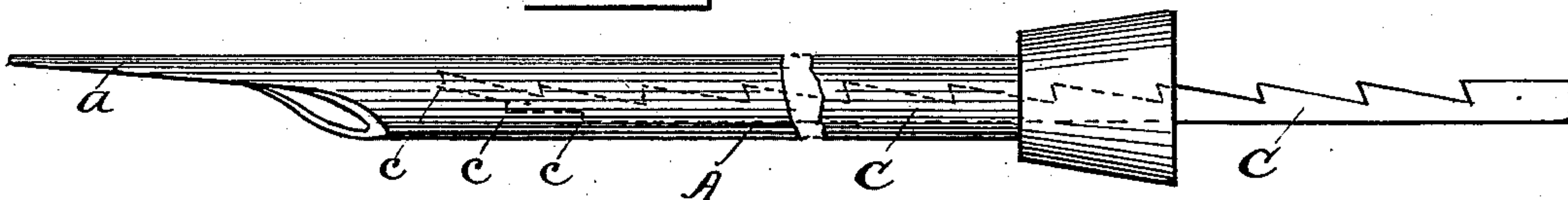


Fig. 3.



Witnesses:

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by his attorney
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UNITED STATES PATENT OFFICE.

WASHINGTON FOGLESONG, OF DAYTON, OHIO.

COLLAR-STUFFING MACHINE.

SPECIFICATION forming part of Letters Patent No. 299,634, dated June 3, 1884.

Application filed December 15, 1883. (No model.)

To all whom it may concern:

Be it known that I, WASHINGTON FOGLESONG, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Collar-Stuffing Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a collar-stuffing machine such as described in United States Letters Patent No. 275,624, granted to me April 10, 1883; and it consists of certain modifications in the construction of the stuffing-tube and stuffing-rod. In the practical operation of the machine described in my aforesaid patent I found that the use of two guards or fingers on the outer end of the stuffing-tube interfered to some extent with the free discharge of the wads or tufts of straw. To remedy this difficulty I improved the machine by removing one of the said guards or fingers. I also found that the stuffing-rod did not distribute the tufts of straw as much as is desirable. To accomplish a better distribution by the stuffing-rod I construct it now with a slanting end, formed with several discharging-teeth, each of which discharges a portion of the wad or tuft—one portion behind the other—at each outstroke of the stuffing-rod. I also dispense with the pivoted hooks on the stuffing-rod described in my aforesaid Letters Patent and substitute in lieu thereof fixed teeth formed directly on the rod.

In order that my invention may be clearly understood, I have illustrated in the annexed drawings, and will proceed to describe, the form thereof which I have used with practical success.

Figure 1 is a perspective view of the collar-stuffing machine described in my aforesaid Letters Patent embodying the modifications of the construction of the stuffing-tube and stuffing-rod which constitute my present invention. Figs. 2 and 3 illustrate my improved stuffing-tube and stuffing-rod in detail.

The same letters of reference indicate identical parts in all the figures.

The general construction and mode of operation of the collar-stuffing machine illustrated in the annexed drawings are precisely the same as those of the machine described in my aforesaid patent, to which reference

may be had for a full description thereof, the following description being confined to the particular modifications made in the parts above referred to.

The stuffing-tube A terminates at its outer end with a single guard or finger, *a*, preferably made tapering, as shown. I prefer to attach the tube to the hopper in such a way that the guard or finger *a* shall extend from the upper side of the tube, as shown. The stuffing-rod C, made of a flat bar, as before, rests with its lower edge, which is smooth, on the bottom of the stuffing-tube, while its upper edge is provided with a series of ratchet-teeth for feeding the straw from the hopper into and through the stuffing-tube, the teeth being extended back far enough on the rod that one or more of them will, when the rod is retracted, extend into the hopper to engage the straw and draw it into the tube when the rod is projected again. The diameter of the stuffing-tube is made somewhat greater than the width of the stuffing-rod, as shown. The end of the stuffing-rod is turned up slantingly, so that its upper edge will reach to or nearly to the upper side of the stuffing-tube. This slanting end of the stuffing-rod is formed with a series of teeth, *c c c*, so that the straw discharged from the stuffing-tube by a projection of the stuffing-rod is delivered in a tuft more distributed than it could be were the end of the stuffing-rod constructed as shown in my aforesaid Letters Patent. This distribution or spreading of the tufts I find to be of great advantage to the proper stuffing of horse-collars.

I claim as my invention—

1. In a collar-stuffing machine, a stuffing-tube constructed at its outer end with a single guard or finger, substantially as before set forth.

2. In a collar-stuffing machine, a stuffing-rod constructed with a slanting end formed with a series of teeth, substantially as before set forth.

3. The combination, substantially as before set forth, of the stuffing-tube provided with the single guard or finger on the outer end thereof, and the stuffing-rod having a slanting end formed with a series of teeth.

In testimony whereof I affix my signature in presence of two witnesses.

Witnesses: WASHINGTON FOGLESONG,
E. T. WALKER,
W. M. HANNAY.