

No. 658,567.

Patented Sept. 25, 1900.

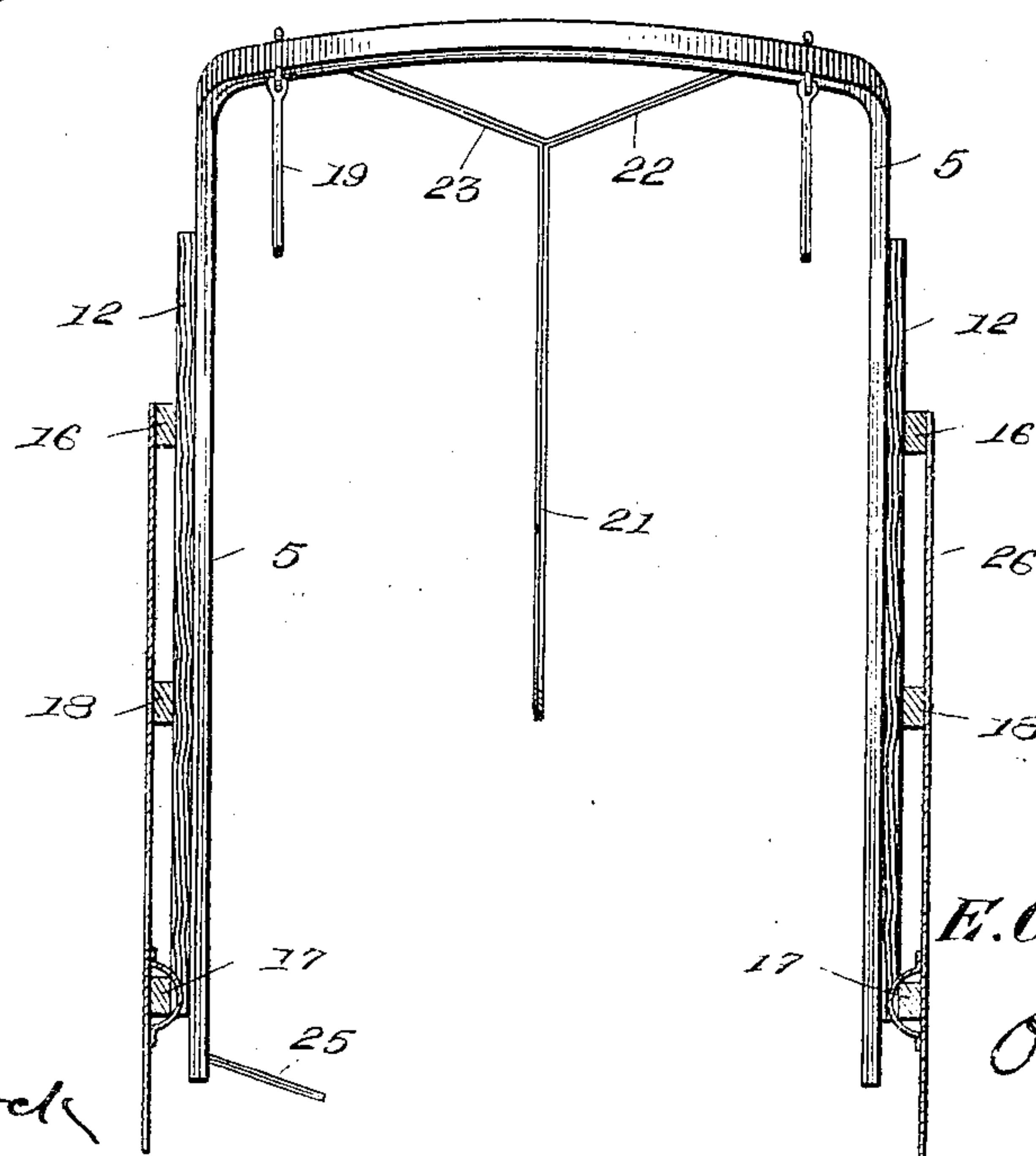
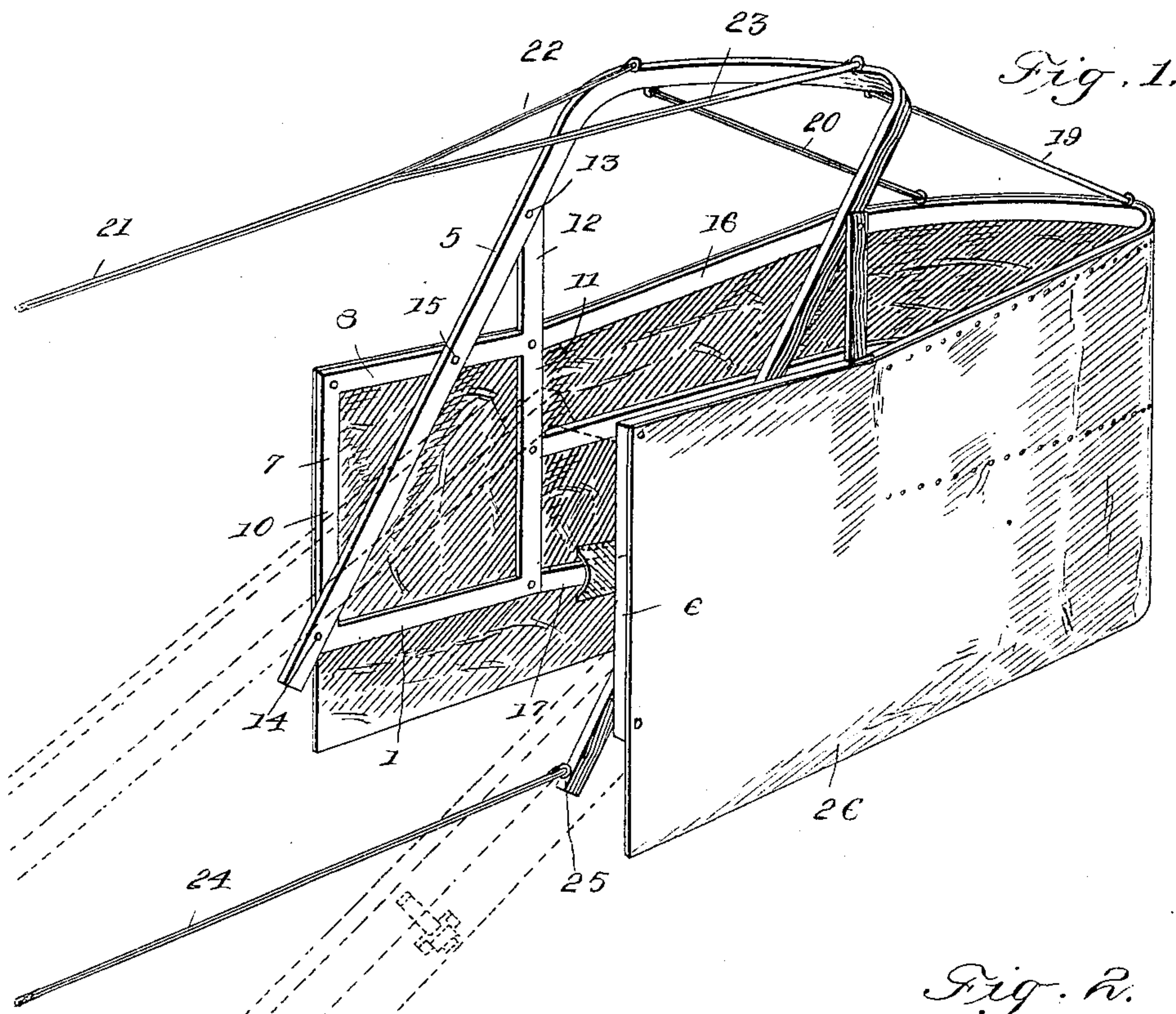
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THRESHING MACHINE ATTACHMENT.

(Application filed Oct. 14, 1899.)

(No Model.)

2 Sheets—Sheet 1.



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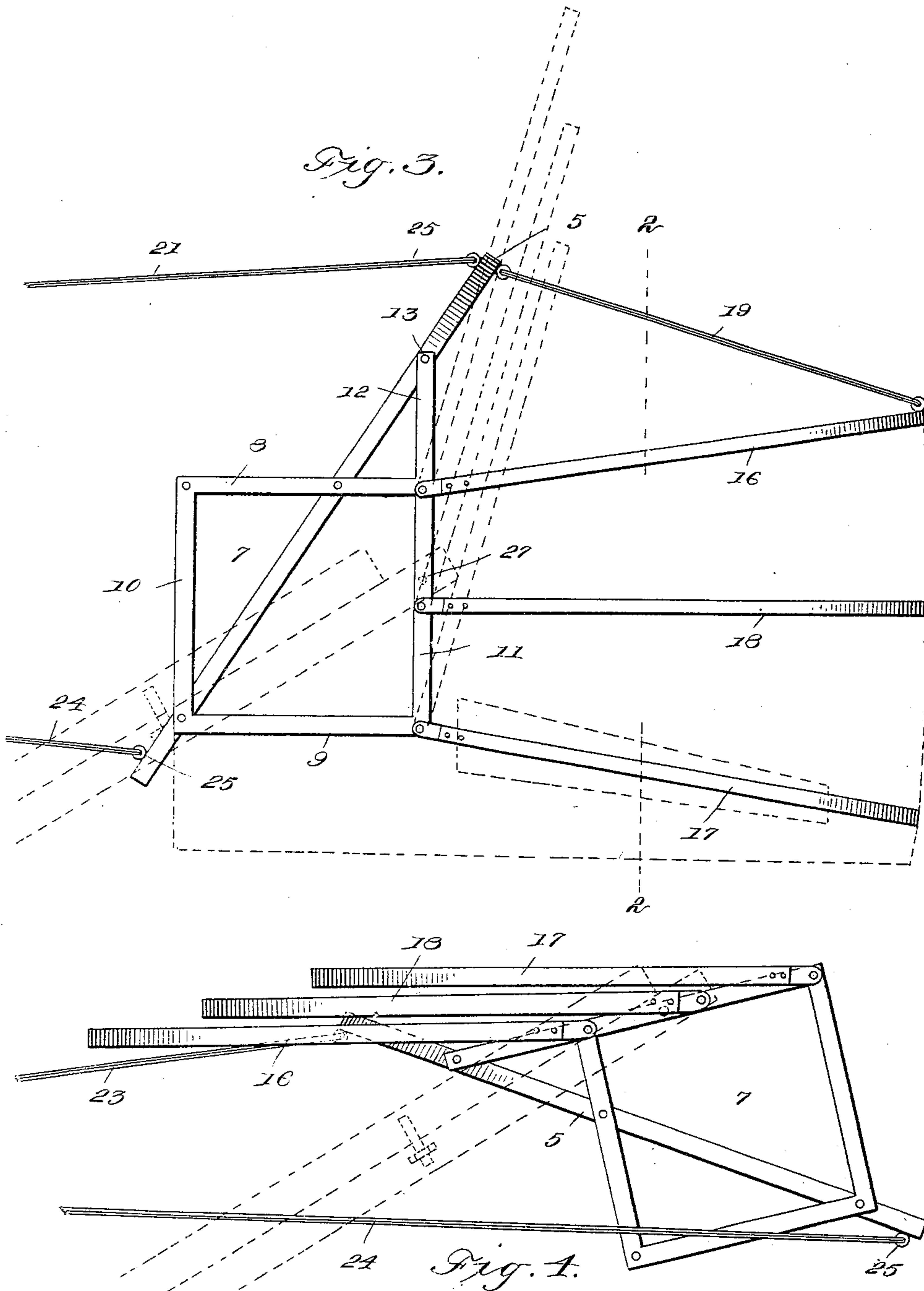
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2 Sheets—Sheet 2.



Witnesses

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UNITED STATES PATENT OFFICE.

ELMER G. HOWARD, OF CRAIN CREEK, IOWA.

THRESHING-MACHINE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 658,567, dated September 25, 1900.

Application filed October 14, 1899. Serial No. 733,630. (No model.)

To all whom it may concern:

Be it known that I, ELMER G. HOWARD, a citizen of the United States, residing at Crain Creek, in the county of Black Hawk and State of Iowa, have invented a certain new and useful Threshing-Machine Attachment, of which the following is a specification.

My invention relates to threshing-machines, and has for its object to provide an attachment designed to be used in connection with a conveyer and is in the nature of a screen or shield to prevent the wind from blowing the straw from the straw-carrier as it passes therefrom to the stacker.

With this object in view my invention consists of a bow-shaped collapsible frame covered by any suitable material—such as canvas, cotton, or the like—which will be attached to the discharge end of the straw-carrier.

My invention further consists of the parts and combination of parts to be more fully described hereinafter, illustrated in the accompanying drawings, and recited in the claims, all forming a part of this specification.

In the drawings, Figure 1 is a perspective view of my invention applied to a straw-carrier at its rear end, the straw-carrier being shown in dotted lines. Fig. 2 is a rear view of the same. Fig. 3 is a side elevation of the frame, to which the covering will be attached; and Fig. 4 is a side elevation of the frame folded.

Referring now to the drawings by reference-numerals, 5 indicates an upwardly and forwardly extending bow-shaped member, to each side of which are connected the rectangular frames 6 and 7, consisting of the top and bottom bars 8 and 9 and the end bars 10 and 11. The end bar 11 has an upwardly-projecting extension 12, connected at its end 13 with the bow-shaped member 5, and the rectangular frame is connected to this member 5 at 14 and 15. Pivotaly secured to and projecting from this rectangular frame are the top bow 16 and the bottom bow 17 and one or more intermediate bows 18, secured in a like manner. To the forward end of the top bow 16 and the top of the bow 5 are two cords 19 and 20. Connected adjacent to the connections of the cords 19 and 20 on the bow member 5 and extending rearwardly and finally merging into a single cord 21 are two cords or cables 22 and 23.

24 is a rearwardly-extending cable or cord

secured to a suitable eye 25, although it is obvious that two cords may be employed, if desired, one secured at each end thereof.

After the structure heretofore described has been assembled a cover 26, of any textile fabric, will be secured to the forwardly-extending bows and the rectangular frame, when the entire device will be complete and ready for use.

In practice, as before stated, this device will be pivotally positioned to the rear end of the straw-carrier at 27, and as the device is bottomless the straw will be fed onto the stacker without in any way interfering with the operation of the straw carrier and stacker.

If for any reason it is found necessary to gain access to the stacker, a pull on the cord 21 will raise the forwardly-extending pivotally-connected bows, as shown in dotted line in Fig. 3, and when it is desired to again let down these bows a pull on the cord 24 will effect the desired result. In transporting the device it can be collapsed, as shown in Fig. 4.

Having thus fully described my invention, what I claim as new, and desire to obtain by Letters Patent of the United States, is—

1. In an attachment for straw-carriers, the combination, with two frames, of a bow having its ends secured to the frames, and its middle portion extending above and to the rear thereof, a series of covered bows pivotally secured at their ends to said frames, means for pivotally securing said frames to the sides of a straw-carrier, cords connected with one of the frames and with the top of the bow respectively, substantially as described.

2. In an attachment for straw-carriers, the combination, with two rectangular frames, the rear end bars of each of which is perforated and extends above the top bar of the frame, of a bow, the ends of which are secured respectively diagonally across each frame and to the top of the extended end bars, a series of covered bows pivotally secured to the frames, bolts through the perforations in the end bars for pivotally securing the attachment to the end of a straw-carrier, and cords secured to one of the frames and to the top of the bow, respectively, substantially as described.

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