May 26, 1942. E. B. BOEHM 2,284,119

CORN SHOCK COMPRESSOR

Filed March 25, 1941 2 Sheets-Sheet 1

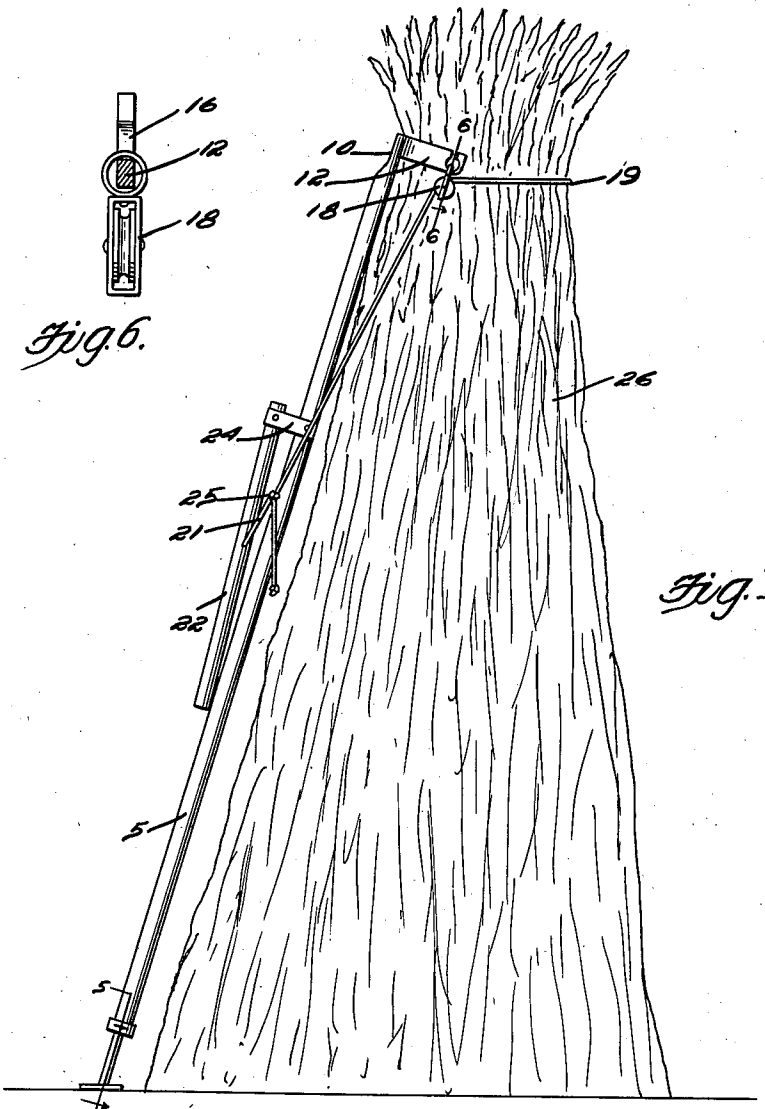


Fig. 1.

Fig. 6.

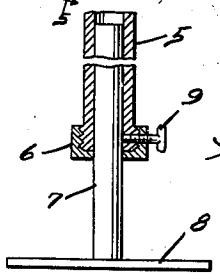


Fig. 5.

Inventor

Edwin B. Boehm

By Clarence A. O'Brien

Attorney

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CORN SHOCK COMPRESSOR

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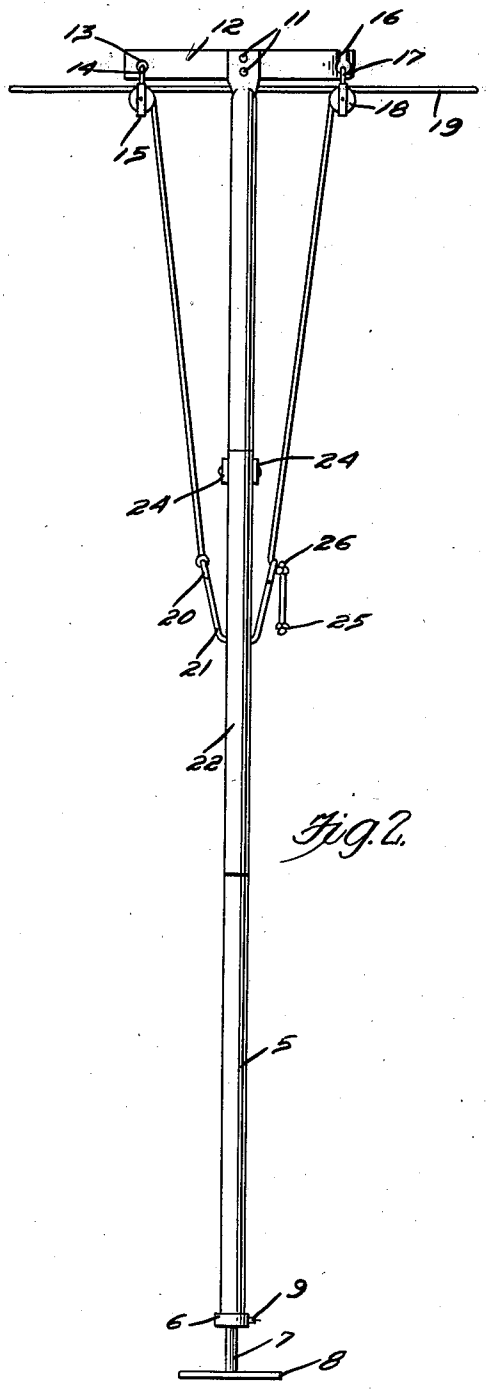


Fig. 2.

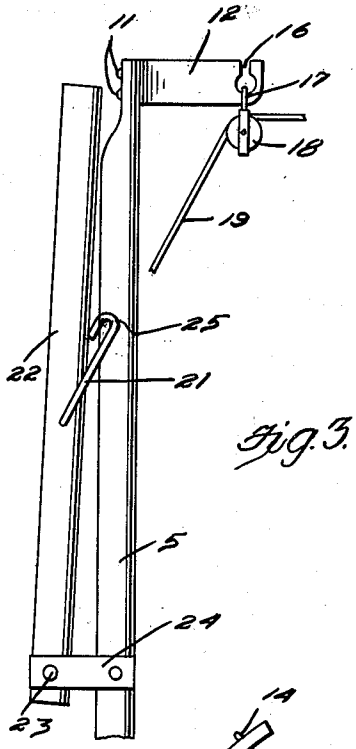


Fig. 3.

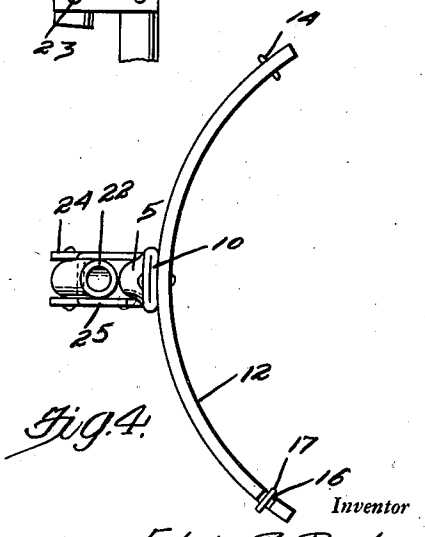


Fig. 4.

Inventor

Edwin B. Boehm

By Clarence A. O'Brien

Attorney

Patented May 26, 1942

2,284,119

UNITED STATES PATENT OFFICE

2,284,119

CORN SHOCK COMPRESSOR

Edwin B. Boehm, De Forest, Wis.

Application March 25, 1941, Serial No. 385,155

1 Claim. (Cl. 100—31)

This invention appertains to new and useful improvements in compressors for corn shocks, the principal object of the invention being to provide a corn shock compressor whereby corn which has been assembled in a shock may be compressed with a minimum amount of human effort, to the end that the shock can be subsequently tied and held in firmly compressed condition.

Another important object of the invention is to provide a corn shock compressor which can be easily applied and removed with respect to a corn shock.

Other objects and advantages of the invention will become apparent to the reader of the following specification.

In the drawings:

Figure 1 represents a side elevational view of the compressor in position compressing a shock of corn.

Figure 2 is a front elevational view of the device.

Figure 3 is a fragmentary side elevational view of the upper portion of the device showing the lever in released position.

Figure 4 is a top plan view of the device without the loop.

Figure 5 is an enlarged fragmentary detailed sectional view taken substantially on the line 5—5 of Figure 1.

Figure 6 is a sectional view taken substantially on the line 6—6 of Figure 1.

Referring to the drawings wherein like numerals designate like parts, it can be seen that numeral 5 denotes an elongated preferably tubular prop having its lower end threaded to accommodate a threaded collar 6 through which an elongated member 7 extends, this member defining a shank rising from a base or ground engaging plate 8. A set screw 9 is feedable through the collar 6 at the lower end of the prop 5 to bite against the shank 7 and hold the shank and plate 8 in proper relation with respect to the prop 5.

The upper end of the prop 5 is flattened as at 10 and secured as at 11 to the intermediate portion of an arcuate-shaped cross member 12, one end of which has an opening 13 therein to receive an eye 14 of a block 15, while the other end is formed with a key slot 16 into which can be disposed an eye 17 of a block 18. An elongated flexible member 19 forms a loop beyond the blocks 15 and 18, one end extending downwardly from the block 15 to connect to an eye 20 on one end of a U-shaped bail 21 carried by the intermediate portion of a lever 22, one end of which is pivotally connected as at 23 to arms 24 projecting outwardly from the prop 5.

The other end of the bail 21 has a hook 25 thereon through which the other end of the flexible element 19 can be disposed and this end of the flexible element is provided with knots 26, any one of which can abut the hook 25 and hold the loop in definite position encircling the upper portion of a corn shock 26, with the lever 22 in the position shown in Figure 3.

By drawing the lever 22 downwardly, the looped portion of the flexible element 19 will compress the upper portion of the shock 26 so that a person can tie the upper portion of the shock while thus compressed without exerting any human effort in compressing the shock beyond what is required in operating the compressor.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention, what is claimed as new is:

A corn shocker comprising a prop having a cross member at the upper end thereof, said cross member being of arcuate shape and adapted to embrace one side portion of a shock being formed, an elongated flexible element adapted to form a loop in conjunction with the cross member, a pulley at each end of the cross member over which the elongated flexible element is trained, and a lever pivoted to an intermediate point of the prop, a substantially V-shaped member having its crotch portion journaled through an opening in the lever and having its end portions attached to the end portions of the elongated flexible element.

EDWIN B. BOEHM.