

(No Model.)

H. H. C. ARNOLD.  
FRUIT PICKER.

No. 353,110.

Patented Nov. 23, 1886.

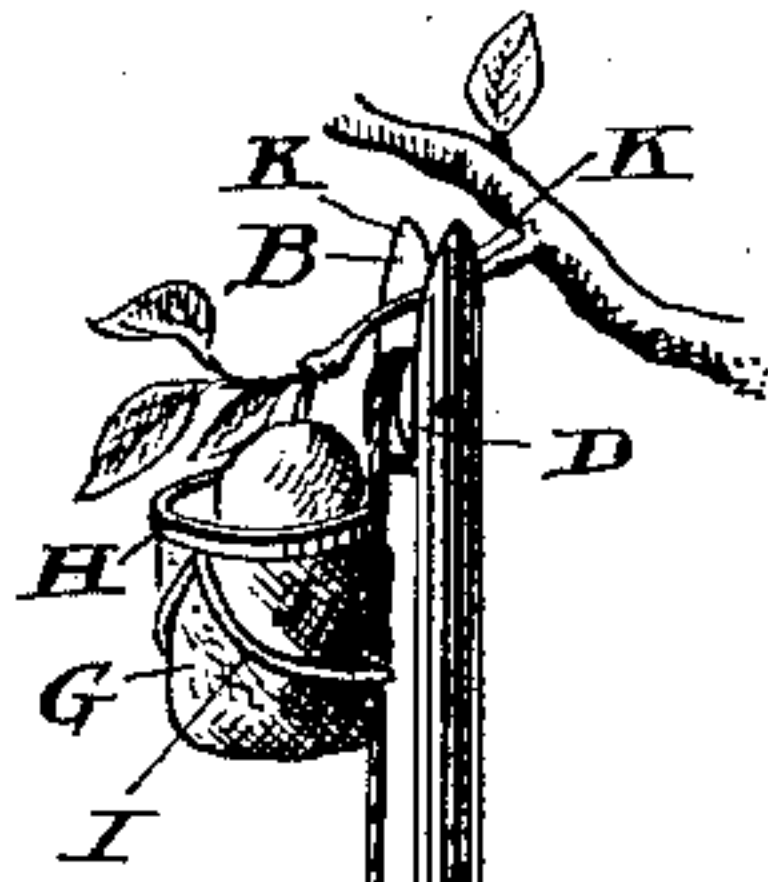


Fig. 1

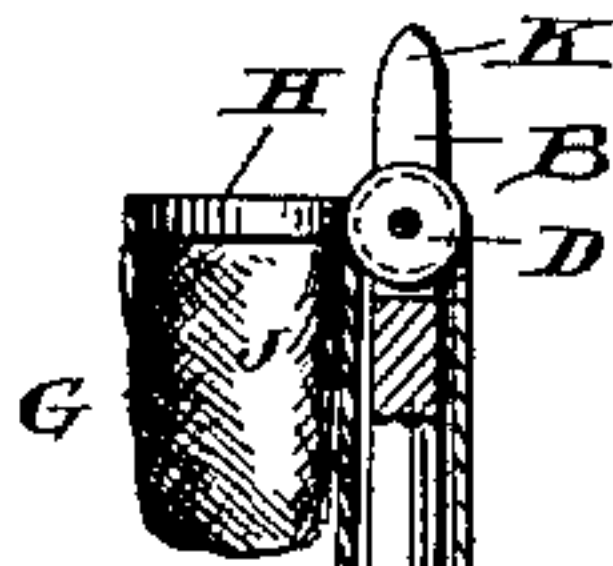


Fig. 2.

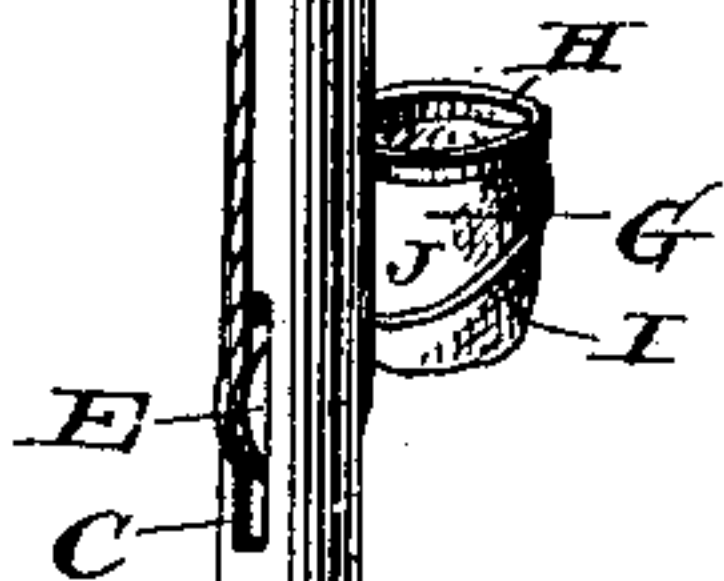
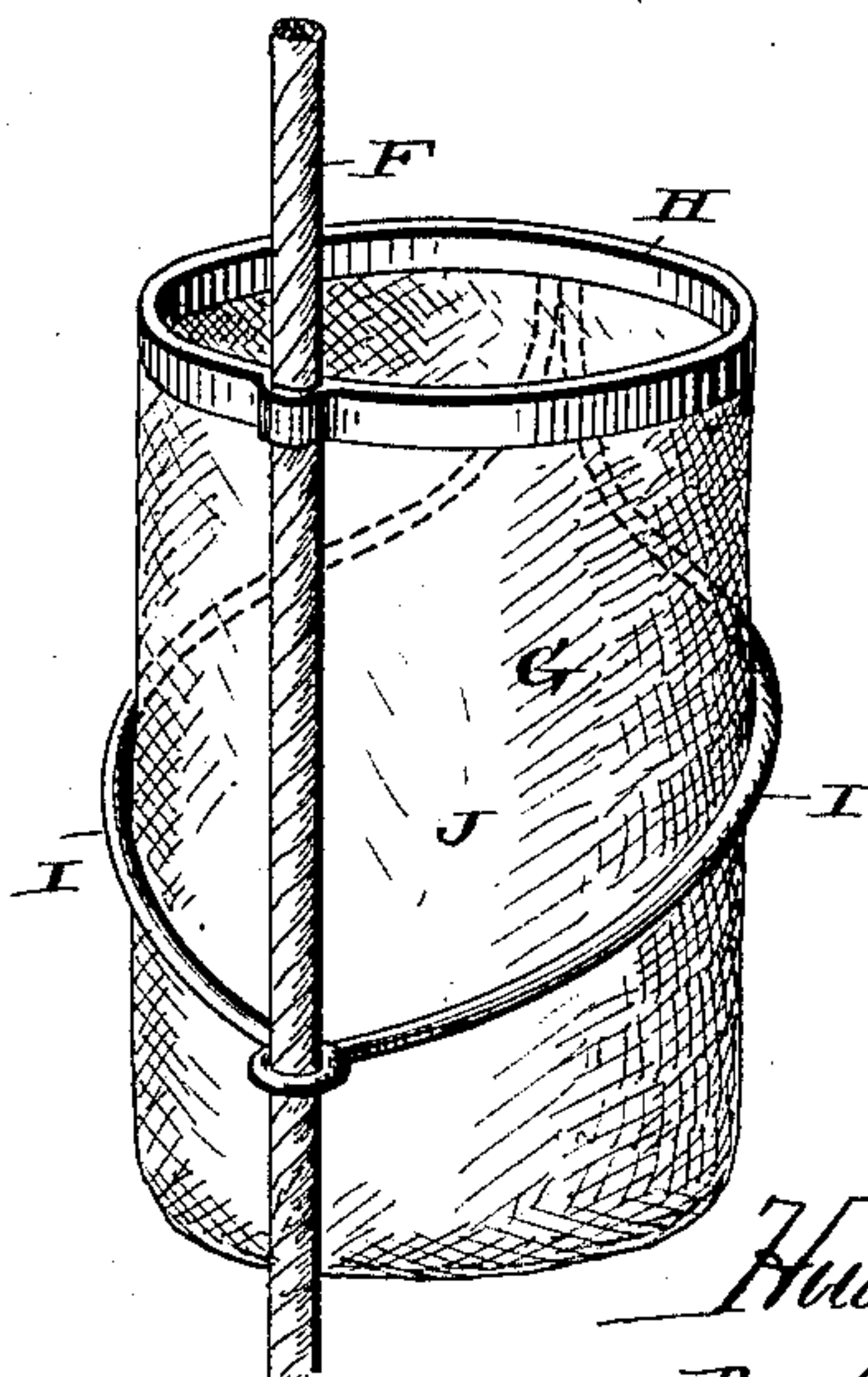
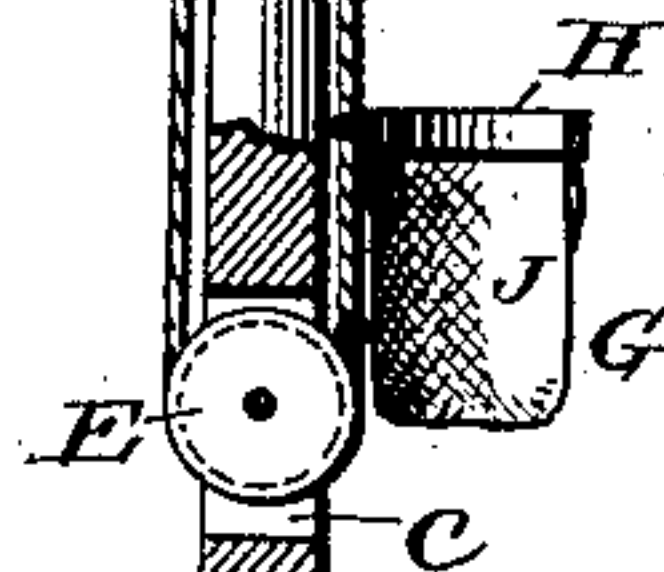


Fig. 3



WITNESSES

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# UNITED STATES PATENT OFFICE.

HUDSON H. C. ARNOLD, OF DALLAS, TEXAS.

## FRUIT-PICKER.

SPECIFICATION forming part of Letters Patent No. 353,110, dated November 23, 1886.

Application filed February 17, 1886. Serial No. 192,255. (No model.)

*To all whom it may concern:*

Be it known that I, HUDSON H. C. ARNOLD, a citizen of the United States, and a resident of Dallas, in the county of Dallas and State of Texas, have invented certain new and useful Improvements in Fruit-Pickers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to  
10 which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved fruit-picker, showing it in operation. Fig. 2 is a longitudinal sectional view of the same, and Fig. 3 is a perspective detail view of one of the fruit-bags or receptacles.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to fruit-pickers; and it consists in the improved construction and combination of parts of a fruit-picker in which two bags or receptacles are secured  
25 upon an endless chain or cord, which passes over a pulley at the top of the pole of the picker and under a pulley near the lower end of the pole, so that the weight of one fruit picked and received in the bag will draw the  
30 other bag upward ready to receive another fruit, while the fruit in the descended bag may be removed from the said bag, which will thus be ready to ascend, when another fruit is picked, as hereinafter more fully described and  
35 claimed.

In the accompanying drawings, the letter A indicates a pole, which is provided with a slot, B, opening at its upper end, and with a slot, C, near its lower end, and pulleys D and  
40 E are journaled in these slots.

An endless cord or chain, F, passes over the upper pulley and under the lower pulley, and two bags or receptacles, G G, are secured to the said cord or chain at such distances that  
45 one receptacle will be at the top of the pole when the other receptacle is at the lower slot. These bags or receptacles consist of a ring, H, preferably of flat strap metal, which ring is secured at one side to the cord or chain, and  
50 to the opposite sides of which ring the ends of

a brace-wire, I, are secured at points at a right angle to the point of attachment of the ring. The lower doubled portion of this brace-wire is secured to the cord or chain below the point of attachment for the ring, and a bag, J, of  
55 canvas, wire-cloth, or any other suitable textile or flexible material, is secured at its upper edge to the flat ring, depending between the brace-wire arms.

The points K K of the sides of the upper  
60 slot in the pole project above the upper edge of the upper pulley and above the cord or chain, forming a fork which may be placed under the stem of the fruit to be picked, so that when the receptacle is held under the fruit  
65 and the fork held under the stem of the same, and the pole is given a slight upward push, the fruit will fall into the receptacle.

The weight of the fruit falling into the receptacle will cause the said receptacle to descend, drawing the other receptacle up, so that  
70 the picker is ready for picking another fruit, while the fruit already picked is brought gently to the ground in its receptacle, from which it may be removed. As soon as another  
75 fruit has been picked that receptacle will descend and the former receptacle ascend, &c., until the picking is finished. It will thus be seen that the picker will not have to be lowered for the purpose of removing the fruit  
80 from the receptacle, and that it is ready for picking one fruit, while another fruit is removed from the receptacle which is down, so that the picking may be continued without stopping, one receptacle being always ready  
85 as soon as the other receptacle has been filled.

It follows that different changes and modifications may be made in this picker without departing from the spirit of my invention—as, for instance, the pulleys in the slots may be  
90 dispensed with, and the slots in their place be formed with smooth rounded ends which will allow a cord or chain to run smoothly over them; or the upper slot may be closed at its upper end and other means for pulling the  
95 fruit from the stem placed upon the top of the pole. The bags may also be constructed in different shapes, and of any suitable material and with any suitable support, without departing from the spirit of my invention; and I  
100

wish to reserve all rights to make such alterations or modifications, which may be done without changing the spirit and purport of the invention.

5 Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

10 A fruit-picker consisting in the combination of a pole forked at its upper end and provided with a slot near its lower end, sheaves journaled, respectively, in the fork at the upper end of said pole and in the slot near the lower end of the same, an endless cord passing over said sheaves, and two fruit-receptacles, one  
15 attached to the cord on each side of the pole,

said receptacle consisting of a ring secured by one side to the cord, a bag suspended from said ring, and a brace-wire secured by its ends at one point of the ring and to said cord by its middle, the bag being embraced by the wire 20 and thereby held in place, as shown and described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

HUDSON H. C. ARNOLD.

Witnesses:

J. H. NICHOLS,  
W. R. JAMES.