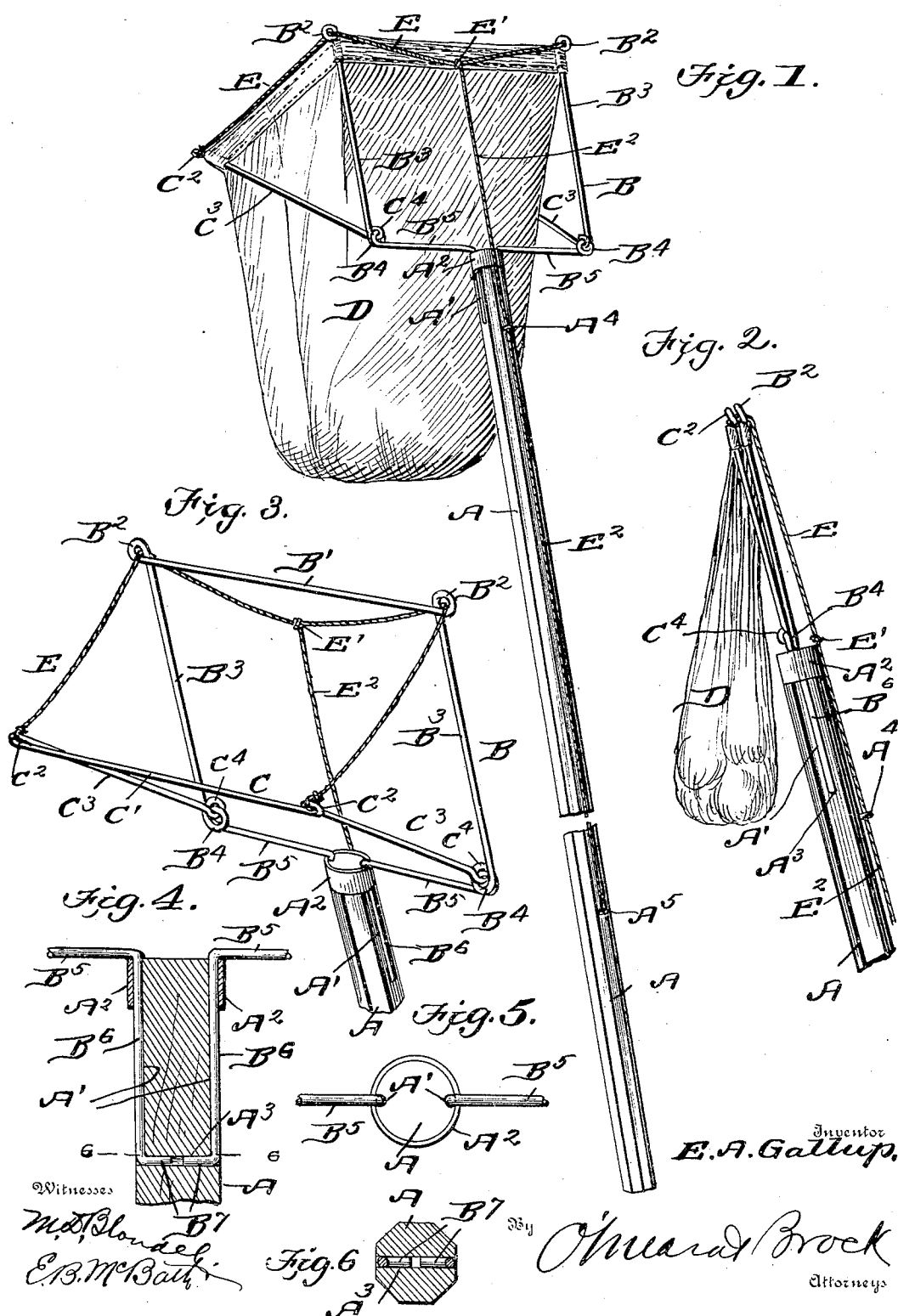


No. 792,018.

PATENTED JUNE 13, 1905.

E. A. GALLUP.
FRUIT GATHERER.

APPLICATION FILED APR. 9, 1904.



UNITED STATES PATENT OFFICE.

ELIJAH A. GALLUP, OF HANCOCK, IOWA.

FRUIT-GATHERER.

SPECIFICATION forming part of Letters Patent No. 792,018, dated June 13, 1905.

Application filed April 9, 1904. Serial No. 202,394.

To all whom it may concern:

Be it known that I, ELIJAH A. GALLUP, a citizen of the United States, residing at Hancock, in the county of Pottawattamie and State of Iowa, have invented a new and useful Fruit-Gatherer, of which the following is a specification.

This invention is an improved construction of fruit-gatherer, the object being to provide a cheap, simple, and efficient device by means of which the fruit can be picked from the tree and caught in the gathering bag or receptacle without being damaged; and with this object in view the invention consists in the novel features of construction hereinafter fully described, and pointed out in the claim.

In the drawings forming a part of this specification, Figure 1 is a perspective view showing the bag open. Fig. 2 is a detail perspective view showing the bag closed. Fig. 3 is a detail perspective view of the frame to which the bag is attached. Fig. 4 is a detail sectional view of the upper end of the handle, showing the manner of securing the wire frame thereto. Fig. 5 is a top plan view of the upper end of the handle, and Fig. 6 is a transverse section through the handle on the line 6 6 of Fig. 4.

In the practical embodiment of my invention I employ a pole or handle A, octagonal in shape, to which is fixed an essentially rectangular-shaped frame B, which constitutes one side of the bag-holding frame, and pivotally connected to this rectangular-shaped frame B is an essentially rectangular-shaped member C, which constitutes the movable side or portion of the bag-holding frame. A bag or receptacle D is made of any suitable material and is connected at its upper end to the bag-holding frame, the bottom of said bag depending below and in advance of said frame. The bag D is held distended at its upper end by gravity, the bag being connected, as shown in Fig. 1, to the upper portions of the frames B and C and practically serves to limit the movement of the pivoted frame C in a direction away from the frame B.

In practice I prefer to make the frame B from a single piece of stout rod-iron or wire and bend the same so as to provide the top

horizontal member B', the eyes B² at the ends of said top member, the parallel downwardly-extending side members B³, the eyes B⁴ at the lower ends of said side members, the horizontal portions B⁵ constituting the bottom bar of the frame, the ends of the wire being turned downwardly, as shown at B⁶, and adapted to fit into the grooves A', produced in the sides of the pole or handle A, a ferrule A² or wrapping of wire serving to hold the said portions B⁶ to the pole, and the extreme ends B⁷ are turned inwardly, as shown in Fig. 4, extending into the bore A³. The movable portion of the frame is also made from a single piece of rod-iron or wire and comprises the top member or bar C', the eyes or loops C² at the ends, the downwardly-extending parallel side members C³, which terminate in eyes or loops C⁴, which engage the eyes or loops B⁴ and form the hinge connection between the fixed and movable portions of the bag-holding frame. The ropes or cords E are connected to the loops or eyes C² and pass through the loops or eyes B² and are united, as shown at E', and from that point a single piece of rope or cord E² extends downwardly to a point within easy reach of the operator, passing through the eye A⁴ and being secured to the eye A⁵. The bag D is connected to the bag-holding frame by sewing the sides of the mouth to the top members B' and C'. The bag will open by gravity, owing to the weight of the frame C, and is closed by pulling upon the rope or cord E², which draws the movable portion of the frame C up to the fixed frame B and closes the mouth of the bag, as most clearly shown in Fig. 2.

In operation the bag is elevated by means of the handle, so as to bring the fruit to be picked within the mouth of the bag, and then by closing the mouth of the bag the fruit is enveloped and by gently pulling upon the same will be disconnected from the stem and dropped into the bag or receptacle.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A fruit-gatherer comprising a fixed wire rectangular frame having eyes formed in its upper and lower corners, a movable open, rec-

tangular frame having eyes in its corners and at its free ends, the eyes at the ends engaging the eyes in the lower corners of the fixed frame, a bag supported by the said frames, 5 cords secured to the corner-eyes of the movable frame and passing loosely through the eyes in the upper corners of the fixed frame, a cord secured to the cords first mentioned, and a polygonal-shaped handle secured to the fixed frame.

ELIJAH A. GALLUP.

Witnesses:

JASPER GALLUP,
FRANK POWELL.