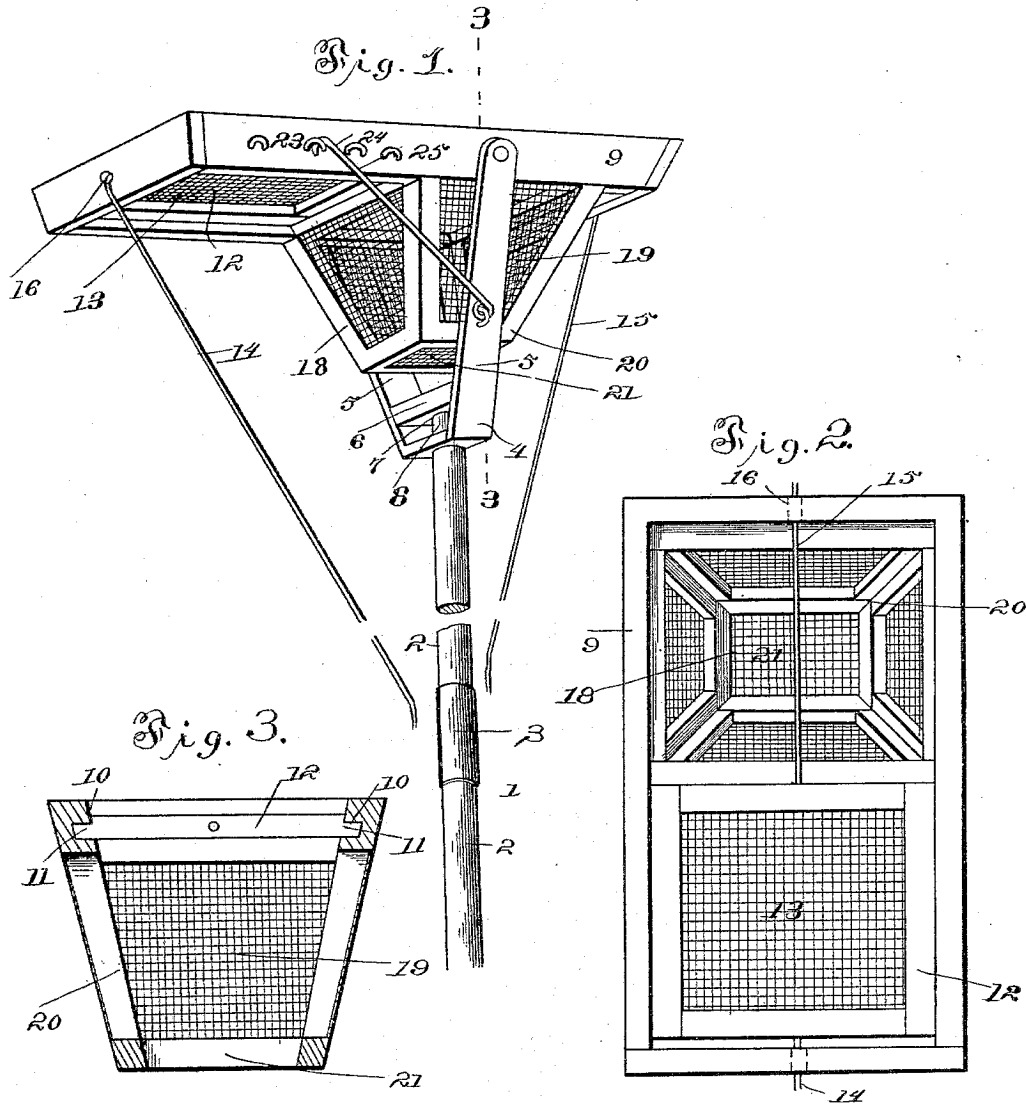


(No Model.)

E. ARRINGTON.  
BEE CATCHER.

No. 597,934.

Patented Jan. 25, 1898.



Witnesses

*W. Walker*  
*Victor J. Evans*

Inventor  
*Edward Arrington.*

by *John Medderson*  
Attorney

# UNITED STATES PATENT OFFICE.

EDWARD ARRINGTON, OF WILKESVILLE, OHIO.

## BEE-CATCHER.

SPECIFICATION forming part of Letters Patent No. 597,984, dated January 25, 1898.

Application filed August 23, 1897. Serial No. 649,131. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD ARRINGTON, a citizen of the United States, residing at Wilkesville, in the county of Vinton and State of Ohio, have invented certain new and useful Improvements in Bee-Catchers; 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.

My present invention relates to an improved bee-catcher, my object being to produce a simple device by means of which bees can be taken and placed within a beehive without danger of the operator being stung and without the usual disagreeable accompaniments of the operation of rehiving bees which swarm in a tree or the like.

To the accomplishment of this and other objects subordinate thereto my invention consists in providing a suitable rectangular slide-frame with grooves in which is designed to be reciprocated a sliding door controlling the entrance of a receptacle depending from the slide-frame, the whole being pivotally mounted within a suitable bracket mounted upon an extensible pole, and flexible pieces being provided for enabling the operator to slide the door over or away from the receptacle, as desired, while the latter is retained at a high elevation.

Referring to the drawings, Figure 1 is a perspective view of my bee-catcher complete. Fig. 2 is a top plan view thereof. Fig. 3 is a central longitudinal section on the line 3 3 of Fig. 1.

Referring to the numerals on the drawings, 1 indicates an extensible supporting pole or handle composed of a number of sections 2, joined by couplings 3, and provided upon its extremity with a bracket 4, composed of the upwardly-diverging arms 5 and the transverse bar 6, provided with apertures 7 for the reception of the reduced end 8 of the extensible pole 1.

9 indicates a rectangular frame provided with longitudinal grooves in the contiguous pieces of its side faces 10, in which are designed to be movably retained the flanges 11, projecting from the opposite sides of a screen door or slide 12, preferably composed of a rec-

tangular frame over which is secured a sheet of wire screen or other netting 13.

14 and 15 indicate cords secured to the opposite ends of the slide and extending through apertures 16 in the ends of the slide-frame and depending to within easy reach of the operator, who is supposed to hold the device elevated by grasping the lower end of the extensible pole 1.

18 indicates a receptacle depending from the lower side of the slide-frame adjacent to one end thereof, which receptacle is designed to be opened or closed by the sliding of the slide or door from one end to the other of the slide-frame as one or the other of the flexible pieces is pulled. The receptacle 18 may be of any desired size or shape, but preferably consists of the downwardly-converging screen-walls 19, carried by a suitable frame 20, the bottom 21 of said receptacle being also formed from a sheet of screen-wire or the like.

The slide-frame is preferably pivoted between the upper ends of the convergent arms of the bracket, in order to permit the slide-frame to extend substantially parallel with the bracket when desired, and in order to permit of the angular adjustment of the parts for the purpose of facilitating the use of the bee-catcher. In order to fixedly secure the slide in the angular relation specified, I prefer to provide a series of staples 23, arranged longitudinally along the outer side of one of the side bars of the frame and designed to receive the end 24 of a hook 25, pivoted at a suitable point upon the bracket. It will thus be seen that the receptacle may be secured in any desired relation with respect to its support and that when properly adjusted the device may be raised to within close proximity to the swarm of bees.

In practice the limb is vibrated, causing the bees to fall into the receptacle, where they are retained by sliding the door over said receptacle by a pull upon the proper cord. The device may now be lowered and the handle or pole 1 shortened by removing the lower sections and the receptacle may be carried to the hive. The slide is then released by a pull upon one of the cords without the necessity of the operator approaching to within dangerous proximity to the bees, and the lat-

ter will escape from the receptacle and will enter the hive in a manner which will be readily understood.

While the present embodiment of my invention appears at this time to be preferable, I do not desire to limit myself to the details of construction herein shown and described, but reserve the right to change, modify, or vary the same at will within the scope of my invention.

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

1. A bee-catcher, comprising a support, a receptacle carried by said support and pivotally attached thereto, means for holding said receptacle at different angles with respect to said support, a door arranged to open and close said receptacle, and means for controlling the movement of said door at a distance, substantially as described.

2. In a device of the character described, the combination with a handle provided with a bracket at its upper end, of a receptacle pivotally mounted within the bracket, means for adjusting the angular relation of the receptacle with respect to the handle, a sliding door designed to control ingress to said receptacle, and cords connected to said door and extending to within reach of the operator, substantially as specified.

3. In a device of the character described, the combination with an extensible handle, of a bracket carried at the upper end thereof, an oblong slide-frame pivotally mounted within the bracket, a slide movable within the frame, cords secured to the slide and extending through apertures in the end pieces of the

frame, a receptacle depending from the under side of the frame adjacent to one end, said slide and receptacle being provided with screen-walls, a series of staples arranged along one side of the frame, and a hook pivoted upon the bracket and designed to engage the staples to effect the angular adjustment of the frame and receptacle with respect to the handle, substantially as specified.

4. A bee-catcher, comprising the handle, provided at one end with a bifurcated bracket, a frame mounted to swing in said bracket, a receptacle secured to said frame with its mouth adjacent thereto, a slide fitted to move in said frame and open and close the mouth of the receptacle, and means for operating said slide at a distance, as described.

5. A bee-catcher, comprising the handle provided at one end with a bifurcated bracket, a rectangular frame pivotally connected with said bracket and formed with apertures in opposite sides, a connection between said bracket and frame and by which the latter may be held at any angle with respect to the former, a reticulated receptacle carried in said frame with its mouth adjacent the same, a slide fitted to move in said frame to open and close the mouth of the receptacle, and cords attached to the opposite ends of said slide and passed through the apertures in the frame, as and for the purpose set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

EDWARD ARRINGTON.

Witnesses:

J. A. SOULE,  
JOHN MILLER.