

No. 883,203.

PATENTED MAR. 31, 1908.

T. KAY.
FLY CATCHER.

APPLICATION FILED FEB. 4, 1907.

Fig. 1.

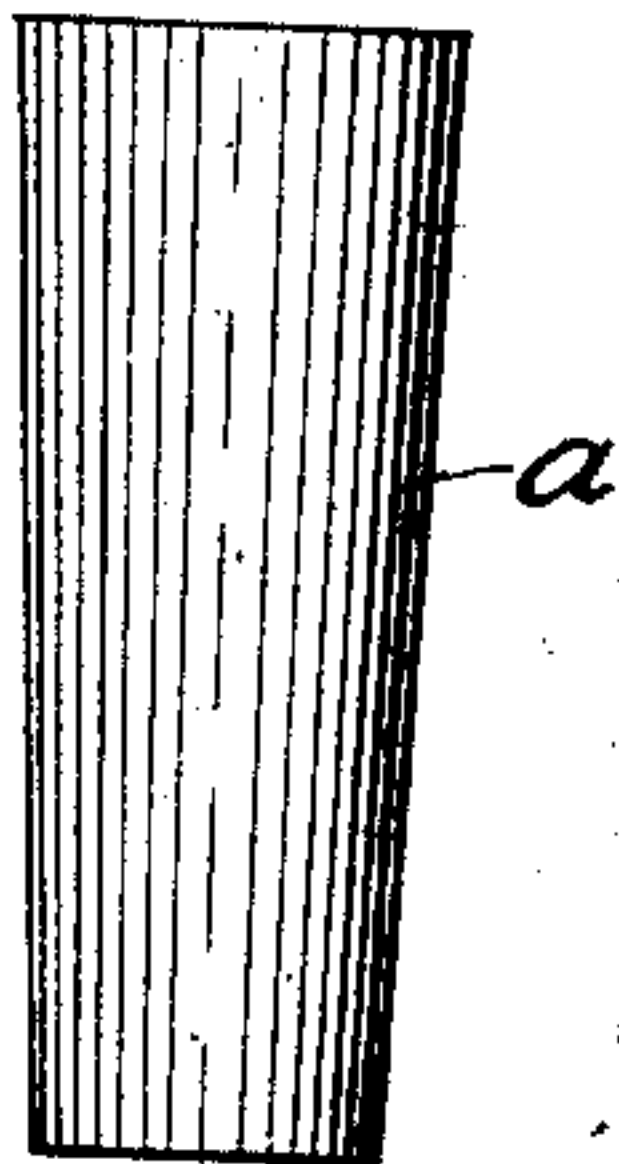


Fig. 2.

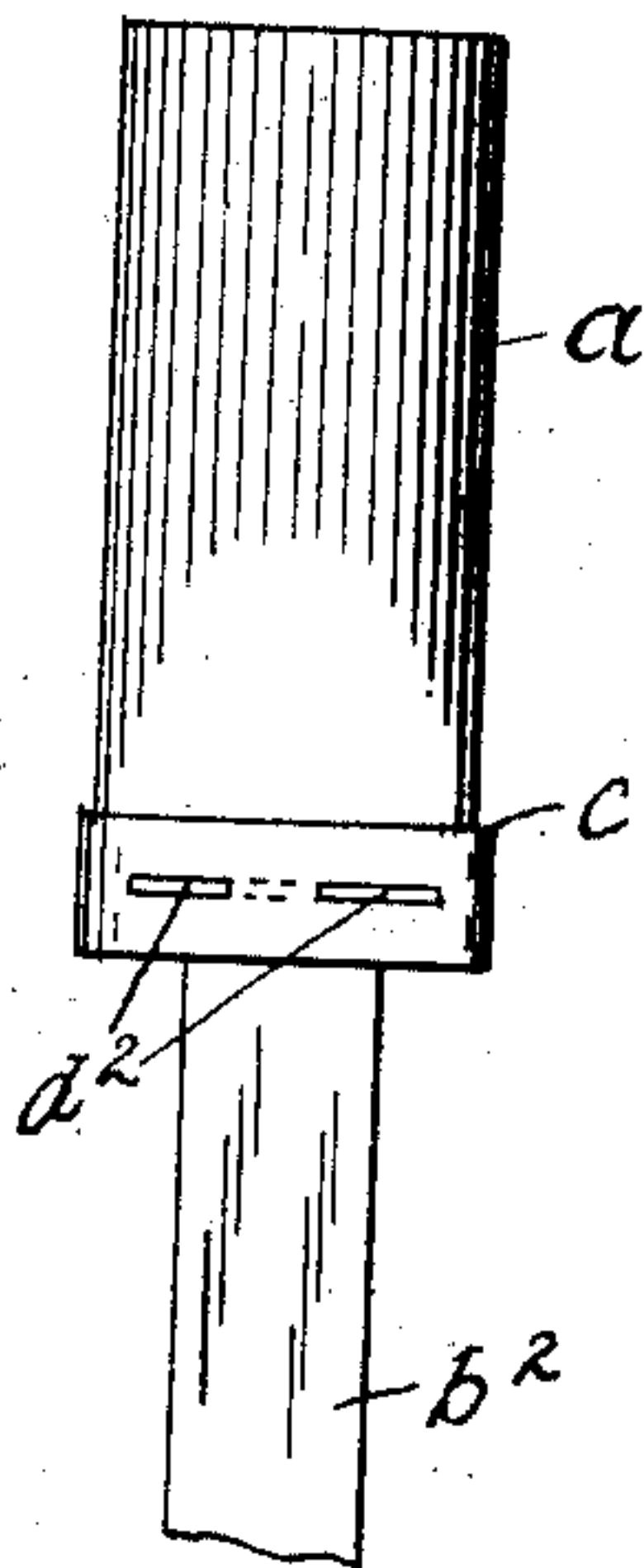


Fig. 3.

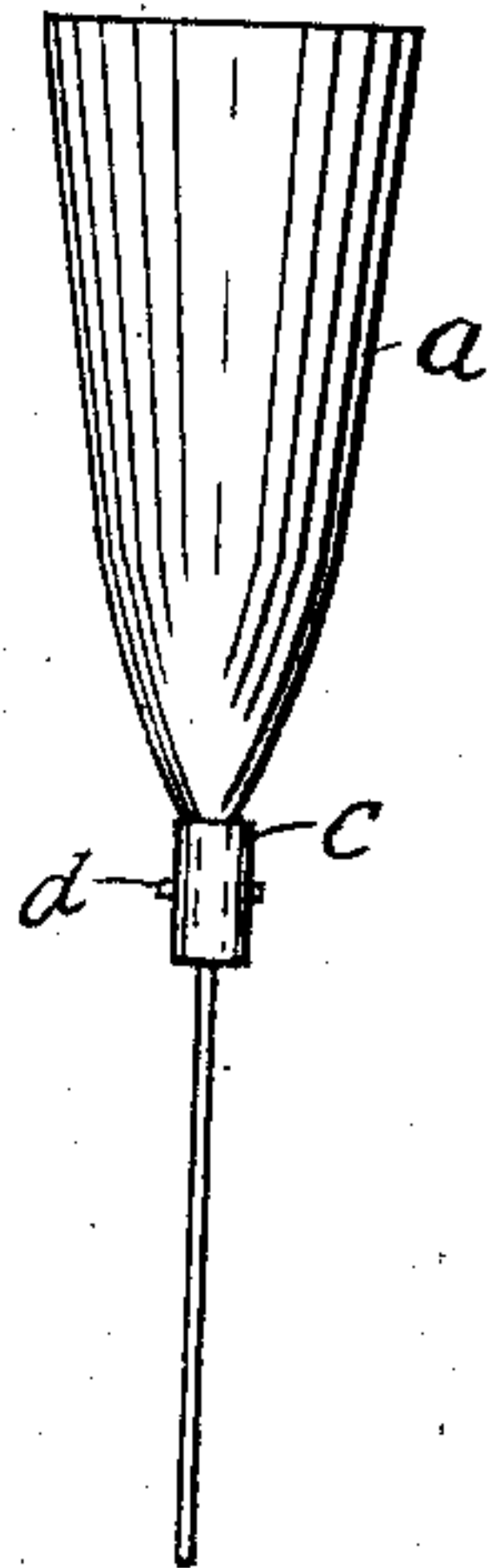


Fig. 4.

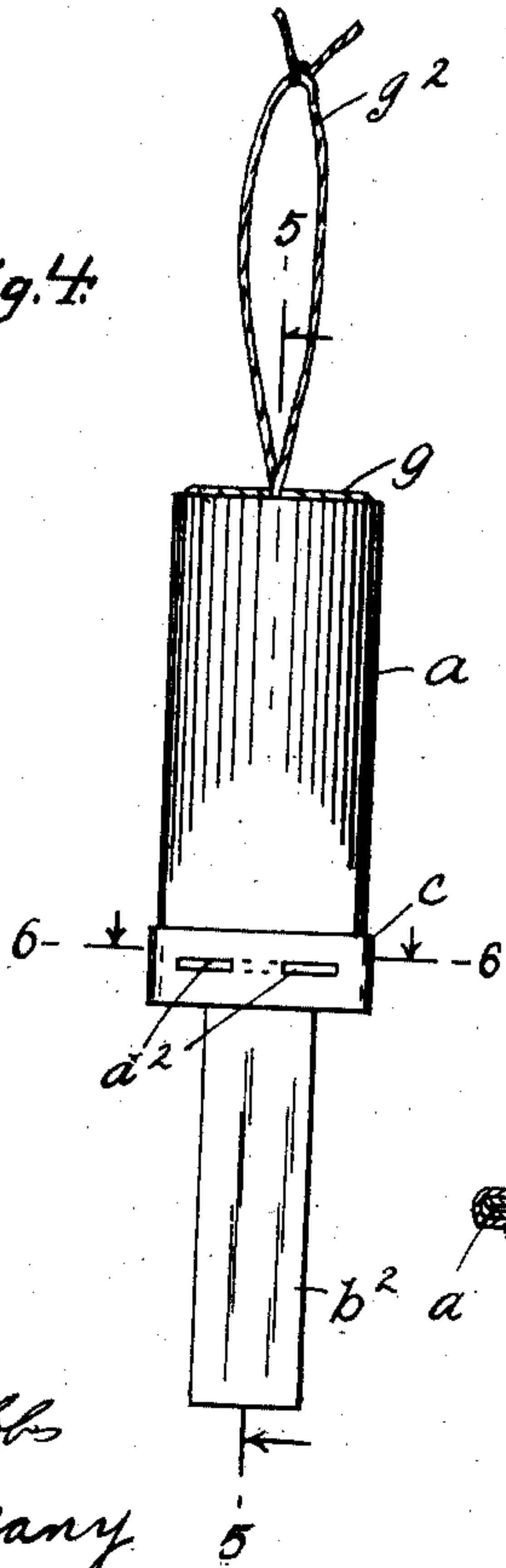


Fig. 5.

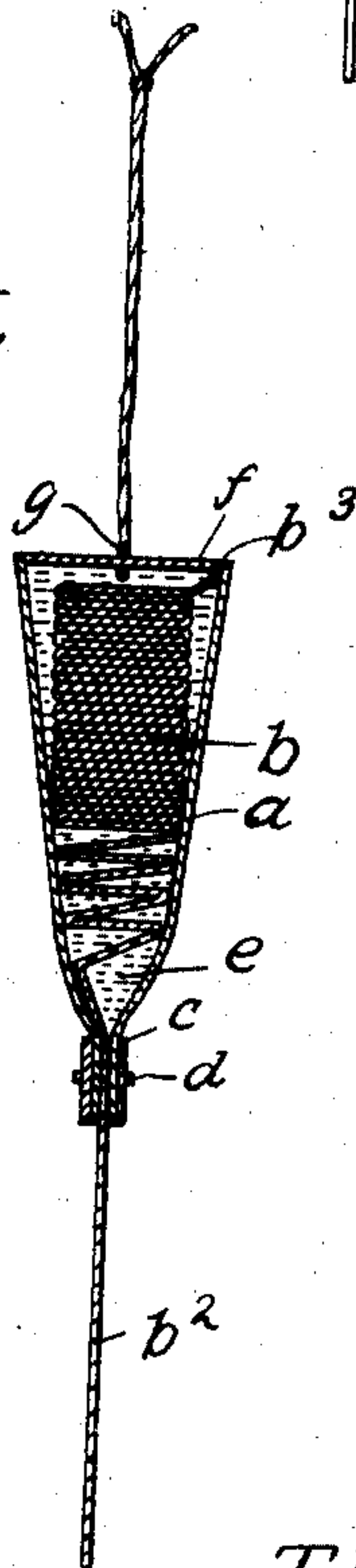
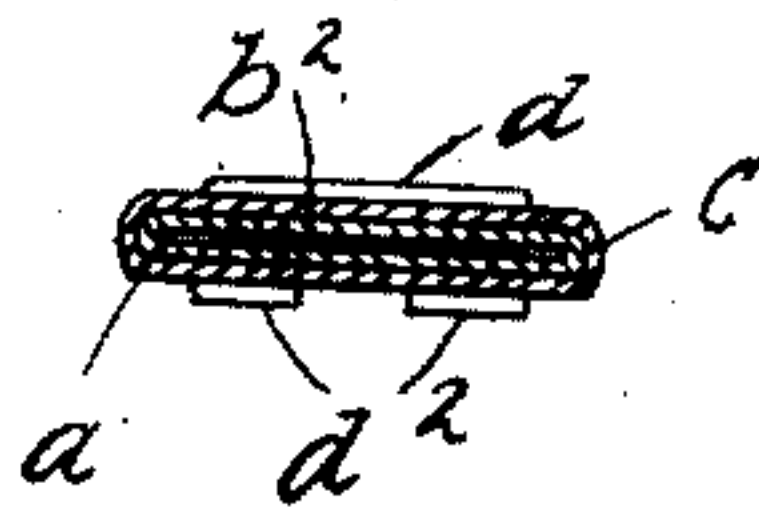


Fig. 6.



WITNESSES

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FLY-CATCHER.

No. 883,203.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed February 4, 1907. Serial No. 355,589.

To all whom it may concern:

Be it known that I, THOMAS KAY, a subject of the King of Great Britain, residing at Moorfield, Stockport, England, have invented a new and useful Improvement in Fly-Catchers, of which the following is a specification, which will enable those skilled in the art to which my invention appertains to make and use the same.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:—

Figure 1 is a side view of a tube composed of cardboard or other suitable material which I employ; Fig. 2 a view similar to Fig. 1 and showing my improved case or receptacle partially formed; Fig. 3 a view at right angles to that shown in Fig. 2; Fig. 4 a view similar to Fig. 1 and showing my improvement complete; Fig. 5 a section on the line 5—5 of Fig. 4; and, Fig. 6 a transverse section on the line 6—6 of Fig. 4.

In the practice of my invention, I form a tube *a* of paper or similar material, said tube being preferably tapered from one end to the other and smaller at one end than at the other, the larger end of said tube being preferably about three-quarters of an inch in diameter and the smaller end thereof about one-half inch in diameter, and the length of said tube being preferably about two inches, but the said tube may be of any desired dimensions, the various proportions thereof as above set out being preferably maintained.

In the tube *a*, I place a folded or rolled strip *b* of any suitable textile or fibrous material and the smaller end of said tube is preferably reinforced by a band *c* which is placed thereon and composed of material similar to that of said tube and said end of the tube *a* is flattened by forcing the sides thereof together, and the end *b*² of the strip *b* is passed out through the flattened lower end of the tube and the separate side portions of the flattened lower end of the tube and the band *c* are secured together by a wire *d*, the ends of which are passed therethrough and folded over as shown at *d*². I, then, place in the tube *a* a sticky or adhesive substance *e* which may fill or partially fill said tube, and the upper or larger end of said tube is then closed by a wad or cap *f* which is secured therein or

thereon in any desired manner and around which is passed a cord *g*, the end portions of which are formed into a loop *g*² by which the device may be suspended from any suitable support, and in securing the wad or cap *f* in the tube *a* I also secure one end of the strip or tape *b* in the larger end of said tube as shown at *b*³.

The wire *d* is intended to press the opposite sides of the lower end of the tube together and to press the same on the strip *b*² which is drawn out from the bottom of the tube or device as clearly shown, and as the end of the strip *b* is drawn out the sticky or adhesive material in the tube *a*, or in the bottom portion thereof, is spread over the opposite sides of said strip. Any suitable device for clamping the opposite sides of the bottom end of the tube together may be substituted for the wire *d*, and in this way the leakage of the sticky or adhesive material is prevented if by any means the latter should be reduced to a liquid form. I may also dip the lower end of the tube in paraffin or other substance, which will act as a lute or stop and so prevent the leakage of the sticky material and also prevent oxidation, or evaporation, or the drying of said material. The band *c* also strengthens the lower end of the tube and aids in spreading the sticky or adhesive material on the end of the strip or tape as the latter is drawn out.

In practice, the device is suspended from any suitable support and a portion of the strip or tape is drawn out from the tube and flies or similar insects will collect thereon, and the protruding portion of said strip or tape may be cut off at any time and another portion of said strip or tape drawn out, and that portion of the strip or tape drawn out from the tube *a* may be folded or crimped, if desired.

Although, I have described the tube *a* as larger at one end than at the other, this is not absolutely essential but when the said tube is made in this manner the completed receptacle after the lower end of said tube is closed by pressing the sides thereof together will be more symmetrical in form than would be possible if said tube were made of the same diameter throughout.

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

The herein described fly catching device,

comprising a receptacle composed of a thin tapered tube provided with a cap at the larger end and the smaller end of which is provided with a reinforcing band, the sides
5 of said tube at the smaller end and the sides of said band being compressed and secured together, a strip of folded flexible material placed in said receptacle and one end of which is passed out between the compressed
side of the tube and band at the smaller end 10 of the tube, said receptacle being also provided with adhesive material which is placed therein before the cap is secured in position.
Dated this 23rd of January, 1907.
THOMAS KAY.
Witnesses:
GEO. C. DOWNS,
MARGARET STAFFORD.