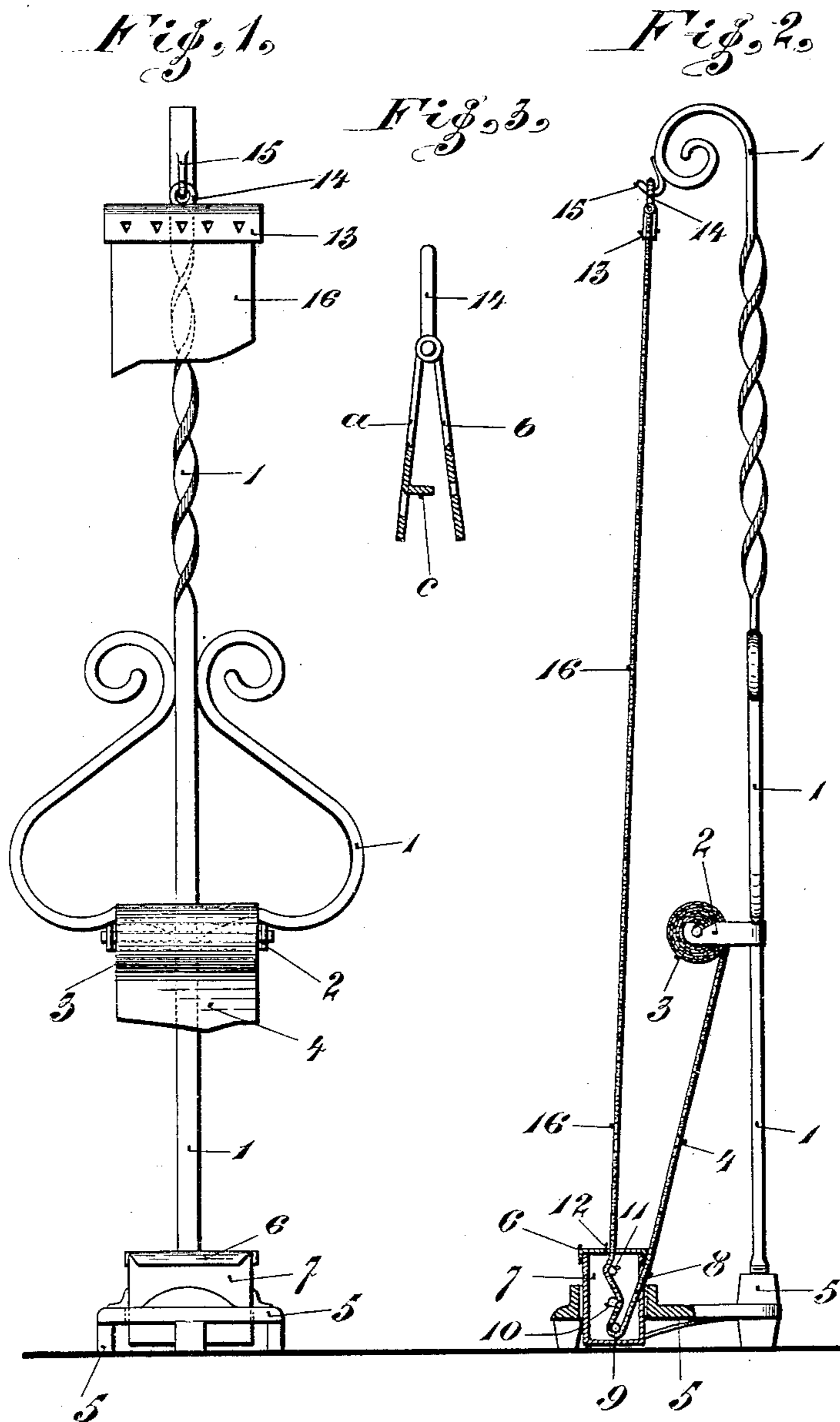


No. 633,453.

Patented Sept. 19, 1899.

A. HERZOG.  
FLY CATCHING APPARATUS.  
(Application filed Mar. 9, 1899.)

(No Model.)



Witnesses

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# UNITED STATES PATENT OFFICE.

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## FLY-CATCHING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 633,453, dated September 19, 1899.

Application filed March 9, 1899. Serial No. 708,419. (No model.)

*To all whom it may concern:*

Be it known that I, ARTHUR HERZOG, merchant, a subject of the King of Prussia, Emperor of Germany, residing at Schmalkalden, in the Kingdom of Prussia and German Empire, have invented certain new and useful Improvements in Fly-Catching Apparatus, of which the following is a specification.

My invention relates to a fly-catching apparatus which is chiefly intended to replace papers, sticks, or the like coated with glue, as these are expensive and cumbersome and more particularly on account of their appearance are objectionable in private apartments, as well as in business establishments.

The fly-catching apparatus is illustrated in the annexed drawings.

Figure 1 is a front view. Fig. 2 is a side view, partly in section; Fig. 3, a detail drawing.

As will be seen from the drawings, the apparatus consists of a supporting frame or standard 1, which may be ornamented in any desired style and which carries at 2 a reel 3, on which is convoluted or wound a band 4 of waxed paper, that will readily take up fly-glue. The reel 3 can be lifted from its bearings 2 and a new reel of paper placed in position whenever necessary. This band 4 is passed through a fly-glue vessel 7, carried by a lateral foot-piece 5 on the lower end of the supporting frame or standard. The foot-piece sustains the frame or standard and the glue vessel detachably fits a recess or socket in the foot-piece, as clearly shown. The glue vessel is closed by a lid 6, the band 4 being carried into the vessel 7 through a slot 8, passed over a little horizontal pin 9, arranged near the bottom of the vessel, and wound round two more pins 10 and 11, arranged higher up, whereupon it passes through a slot 12 in the lid 6 to the outside. A suitable clip 13 is attached to the end of the band 4 thus coated with glue. The clip is suspended by means of the eye 14 from a hook 15 at the upper end of standard 1. As the reel 13, as well as the guides in the glue vessel 7, offers a certain resistance, the band 4 will be stretched taut between its point of suspension and the glue vessel 7.

The flies will adhere both to the front and

back of the band coated with glue. When the coated part 16 of the band is thickly covered with flies, the strip 16 should be cut off a little above slot 12 in the lid of the glue-receptacle 6. The clip 13 should be opened and fixed to the end of the band projecting from the glue vessel 7. The band should then be drawn upward again by means of the clip 13, which should then be suspended, as already described, on hook 15. In this way new strips of glued band can always be suspended in the apparatus, and the fly-catching apparatus just described, moreover, has the advantage of a pretty and ornamental appearance, so that it is an ornament rather than a disfigurement to the room. The glue vessel 7 may be covered by some ornamentation.

While the lower pin 9, arranged in the glue vessel, serves, so to speak, as a guide for the band 4 when drawn upward, the object of the upper pins or rods 10 and 11 is to uniformly distribute the glue adhering to band 4 on both sides of the band and to prevent excessively thick coating with glue. These pins also constitute in effect tension devices whereby the band of paper, after passing through the exit-slot of the glue vessel, may be drawn taut or stretched and engaged with the clip.

As shown in detail in Fig. 3, the clip 13 may consist of two strips of metal plate *a* and *b*, hinged to each other and having some clutch-points *c* stamped into them, or else of a bent strip of metal plate with catch-teeth at the ends. Needless to say, any other suitable clip arrangement may be applied.

Having now particularly described the said invention and in what manner the same is to be performed, I declare that what I claim is—

1. A fly-catching apparatus, consisting of a supporting-frame, a glue vessel at the lower portion thereof, a reel mounted on the frame and provided with a convoluted band which passes through the glue vessel wherein the band is coated with glue, and a device at the upper end portion of the frame with which the end of the band, after passing through the glue vessel is engaged, substantially as described.

2. A fly-catching apparatus, consisting of a

supporting-frame having a foot-piece, a glue  
vessel carried by the foot-piece, a reel mounted  
on the frame and provided with a convoluted  
band which passes through the glue vessel,  
5 and a clip supported at the upper end portion  
of the frame to engage and hold the band,  
substantially as described.

In testimony whereof I have hereunto set  
my hand in presence of two subscribing wit-  
nesses.

ARTHUR HERZOG.

Witnesses:

RUDOLPH FRICKE,  
S. THIEME.