

No. 878,268.

PATENTED FEB. 4, 1908.

F. BAYER.
FLY CATCHER.

APPLICATION FILED AUG. 2, 1907.

Fig. 1.

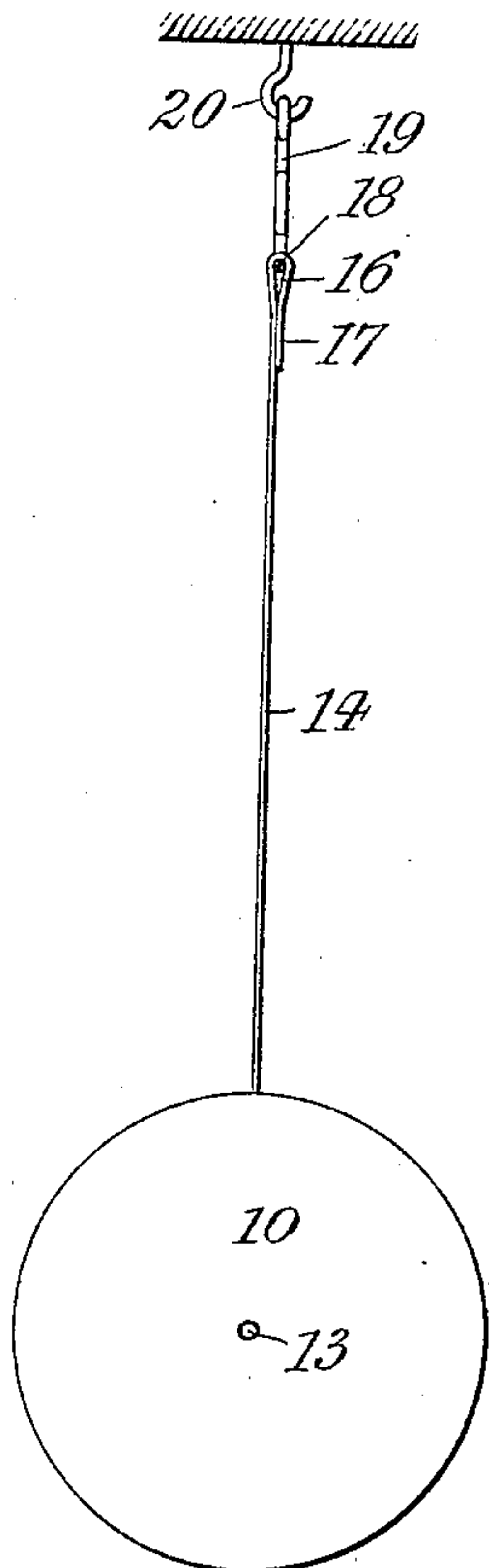


Fig. 2.

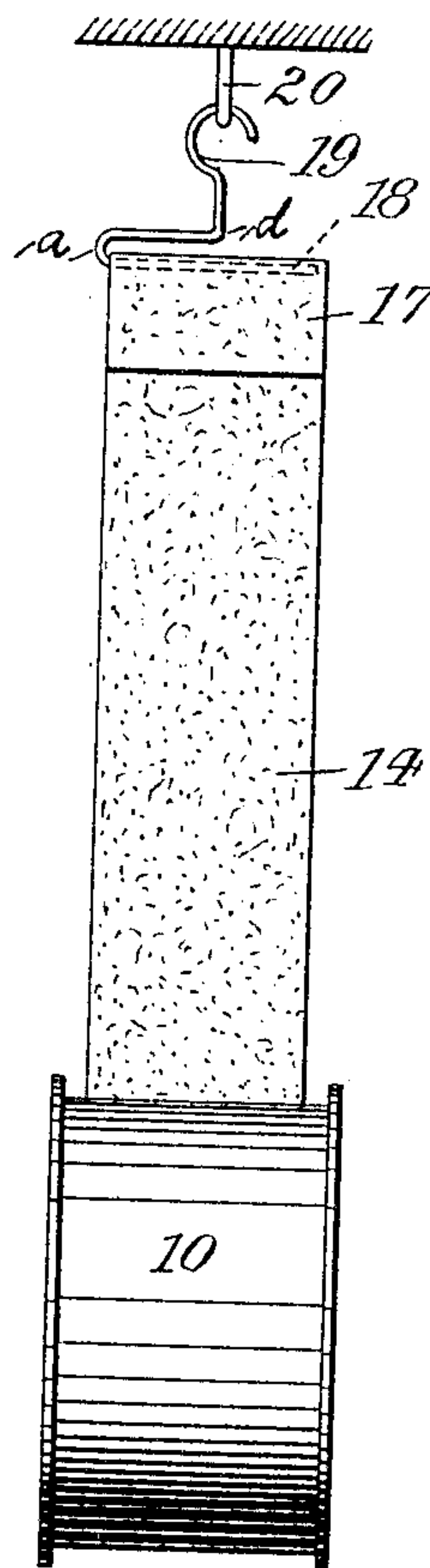


Fig. 4.

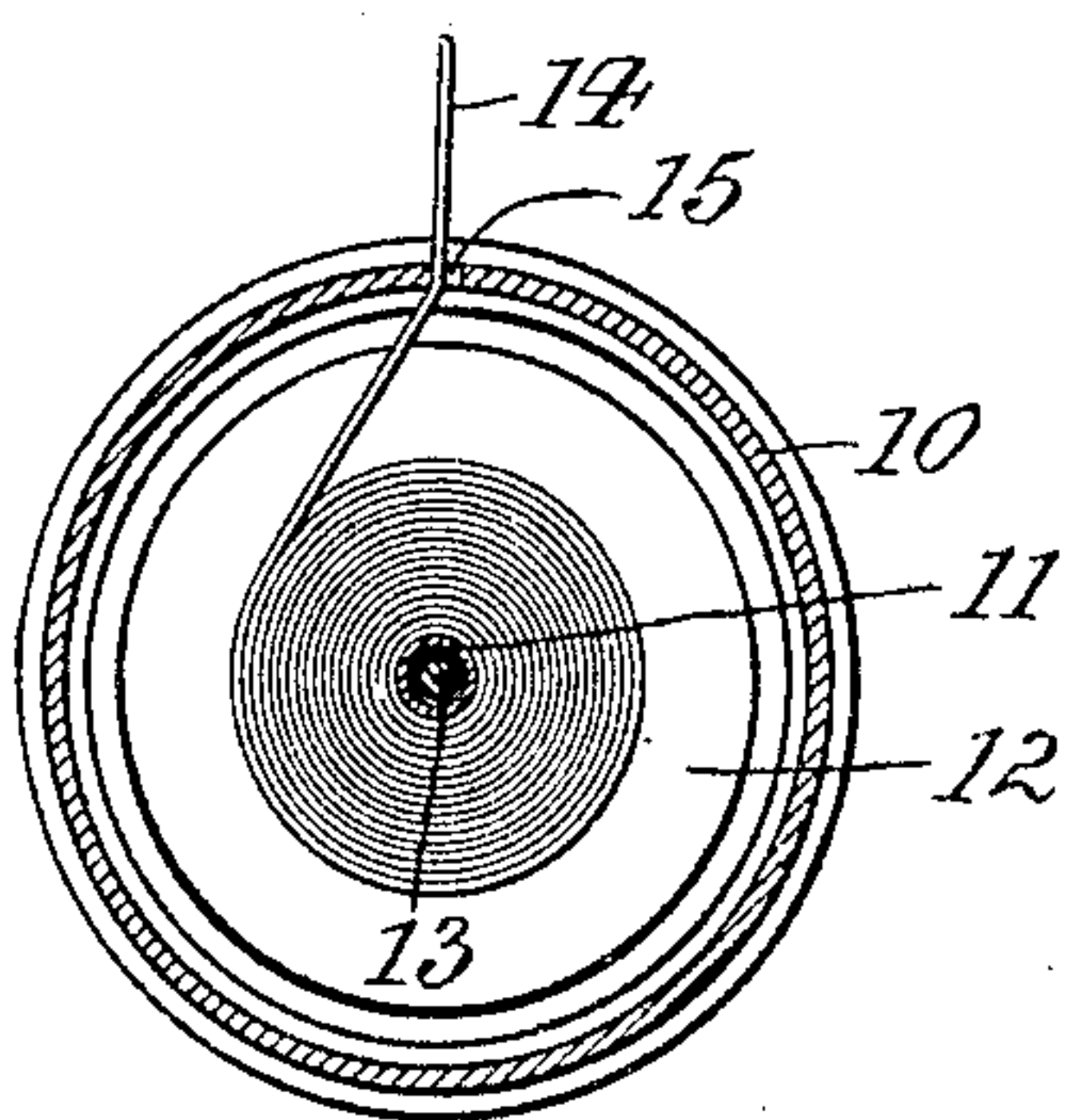
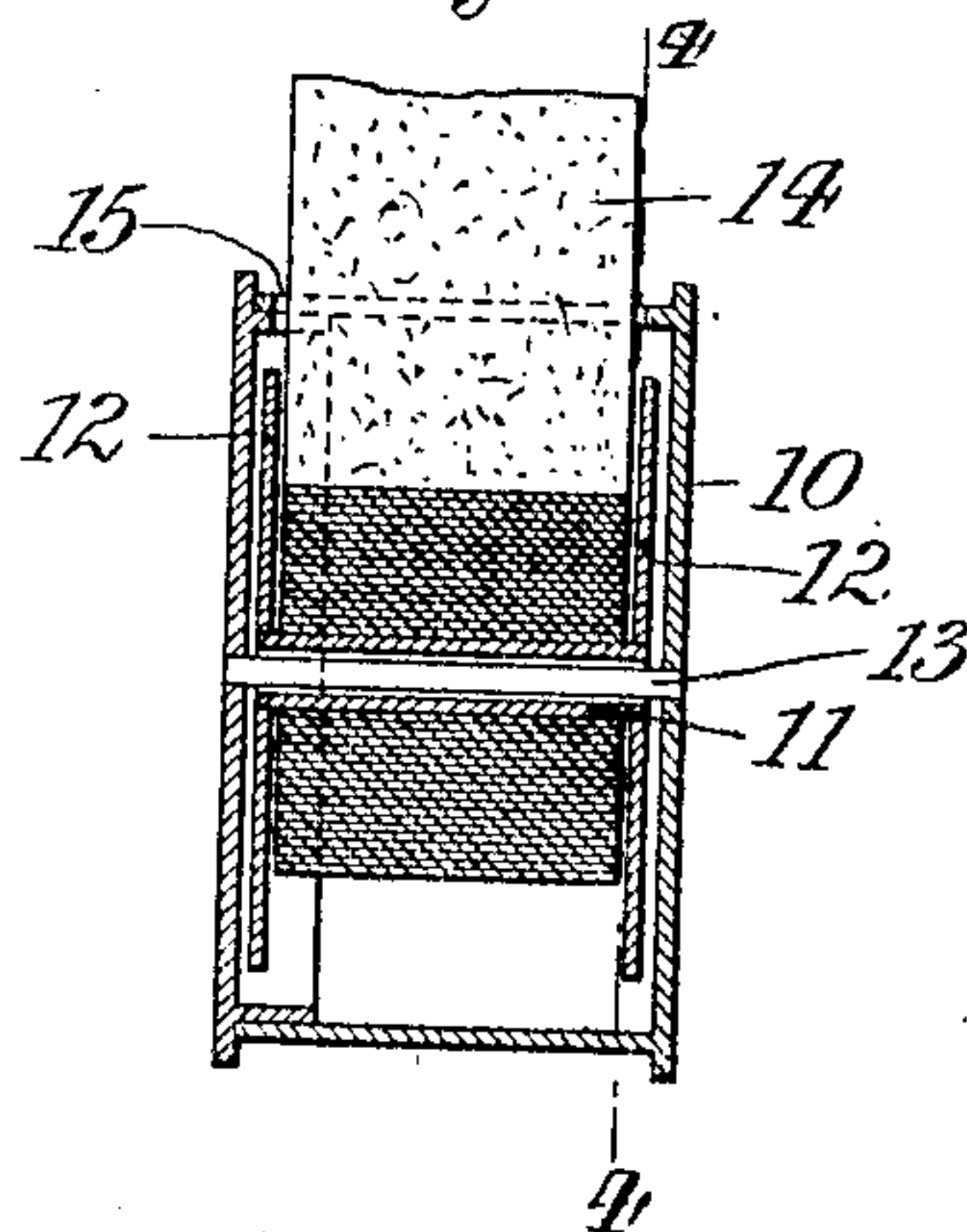


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

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FLY-CATCHER.

No. 878,268.

Specification of Letters Patent.

Patented Feb. 4, 1908.

Application filed August 2, 1907. Serial No. 386,701.

To all whom it may concern:

Be it known that I, FRANZ BAYER, a citizen of Austria, residing at New York city, Manhattan, county and State of New York, have invented new and useful Improvements in Fly-Catchers, of which the following is a specification.

This invention relates to a fly catcher which is of simple construction, is cleanly in its operation, and is not apt to interfere with the occupants of the room.

In the accompanying drawing: Figure 1 is an end view of my improved fly catcher; Fig. 2 a front view thereof; Fig. 3 a transverse section through the casing, and Fig. 4 a longitudinal section thereof on line 4—4, Fig. 3.

A box or casing 10 closed at one end and with a slot 15 in its side and with a spindle 13 mounted in the closed end and extending at its free end beyond the open end of the casing contains a reel 11 having heads 12 and rotating on the spindle 13. A closure is provided for the casing comprising a disk corresponding to the closed end of the casing and provided with a rim engaging the parallel sides of the casing and with a central aperture adapted to engage the projecting end of the spindle, as shown in Fig. 3. To the reel 11 is attached the inner end of an adhesive tape 14 which is wound upon the reel and extends out of casing 10 through the slot 15 formed therein. The upper end of the tape 14 is made into a loop 16 which is readily formed by turning a short length 17 of the tape downwards and pressing it against the body of the tape, to which it will adhere owing to its adhesive nature. Loop 16 is removably engaged by the lower horizontal supporting arm 18 of a hook 19 adapted to engage an eye 20 depending from the ceiling or other support.

While other forms of hooks may be employed for suspending the device, the form shown in the accompanying drawing satisfactorily accomplishes the desired purpose, and it will be seen that in one embodiment it is formed of a single piece of wire or other suitable material and is bent back upon itself intermediate its end, as at *a*, and then directed outwardly, as at *d*, terminating at its

outer end in the hook 19, the inner end of the material forming the hook extending upon both sides of said outwardly directed part *d* to provide the horizontal arm 18 for engagement in the aforesaid loop 16 of the tape to support the device.

In use, a suitable length of tape is unwound from the reel, its upper end is looped, the hook is introduced into the loop, and then the device is suspended from eye 20. When the exposed portion of the tape is covered with flies, it is torn off, the hook is withdrawn, a new length of tape is drawn out and looped, and the hook is re-introduced. In this way the entire length of tape may be gradually used up.

It will be seen that owing to the adhesive nature of the tape, the loop can always be quickly formed, while further the tape will not spontaneously unwind from the reel. The casing constitutes a weight for sustaining the tape in a taut condition and for receiving through the slot 15, any drippings that may flow down along the tape. Finally, any objectionable contact between the tape and the sides of the casing is prevented, while the entire device may be so suspended that it is not apt to be accidentally touched by the occupants of the room.

I claim:

1. A fly catcher comprising a casing having one end closed and the other end open, and with a slot in its side, a spindle mounted in said closed end and extending at its free end beyond the open end of the casing, a reel comprising a sleeve rotatably engaging said spindle and carrying spaced heads, a cover for said casing comprising a head having a central aperture to receive the projecting portion of said spindle, and with a rim bearing in said casing at its open side, and an adhesive belt wound upon said reel and passing out through the slot of the casing.

2. A fly catcher comprising a casing closed at one end and with the other end open and with a slot in one side, a spindle mounted in said closed end and extending at its free end beyond the open end of the casing, a reel comprising a sleeve rotatively engaging said spindle and carrying spaced heads, a cover for said casing comprising a head having a

central aperture to receive the projecting
portion of said spindle and with a rim bearing
in the open end of said casing, an adhesive
belt connected at one end to the sleeve of the
5 reel and extending through said slot, and a
suspending device connected at the other
end of the belt.

Signed by me at New York city, (Man-
hattan,) N. Y., this 1st day of August, 1907.

FRANZ BAYER.

Witnesses:

WILLIAM SCHULZ,
FRANK V. BRIESEN.