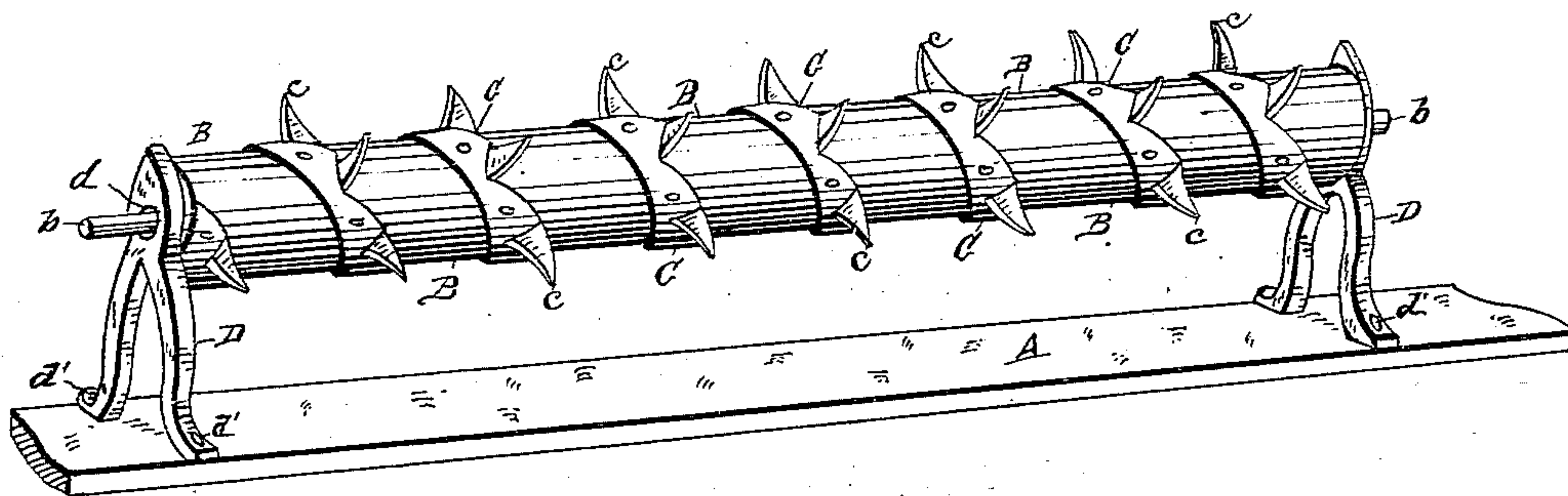


(No Model.)

T. M. WORTHINGTON.
FENCE.

No. 259,654.

Patented June 13, 1882.



WITNESSES

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THOMAS M. WORTHINGTON, OF NEW YORK, N. Y.

FENCE.

SPECIFICATION forming part of Letters Patent No. 259,654, dated June 13, 1882.

Application filed April 22, 1882. (No model.)

To all whom it may concern:

Be it known that I, THOMAS M. WORTHINGTON, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Fences; 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, reference being had to the accompanying drawing, and to letters or figures of reference marked thereon, which forms a part of this specification.

The object of this invention is to provide walls and fences with attachments which will prevent cats from walking, sitting, or standing on top of them, such attachments also being available to exclude interlopers, and for other purposes.

To this end my invention consists principally in the combination, with brackets adapted to be secured to the top of a fence, of a barbed roller or series of barbed rollers journaled in said brackets for the purposes hereinafter set forth.

It also consists in the combination, with a fence and brackets thereon, of a roller journaled in said brackets and provided with a barbed strip which is wound around said roller, as hereinafter described.

In the accompanying drawing, the figure represents a perspective view of my improved guard-roller and its supporting-brackets in readiness to be applied to the top of a fence.

In said drawing, A designates the body of a fence, which may be of any usual construction.

B designates my improved guard-roller, which has projecting gudgeons or journals *b b*, on which it turns in its bearings. I provide this roller with barbs or points, and as the most convenient way of doing so I preferably adopt the construction illustrated by the drawing—that is to say, I wind helically around said roller a metallic strip, C, which has barbs *c*, cut out and bent to form barbs projecting radially, or at any angle, as may be found most efficacious. When the barbed roller is mounted

on the top of a fence or wall, as shown in the figure, I employ a pair of bearing-brackets or short standards, D, which are provided at top with bearing-holes *d*, that receive the journals or gudgeons aforesaid. The bases of these brackets or standards are also provided with holes *d'*, whereby I am enabled to use screws or other fastenings for detachably securing them to the top of the fence or wall. Of course the form of these bearings may be greatly varied. The roller also may be secured upon a shaft or made in one piece therewith, or simply provided with terminal gudgeons and no shaft.

The strip C may have the barbs formed from it in any other way than that mentioned, or attached to it, and more than one strip may be employed, if desired. I have shown said strip as fastened by nails *c'*; but any other suitable means of fastening may be substituted. A series of these rollers should be used along the whole length of the fence, and their ends should be brought close together, so that there may be no intervening unprotected spaces. The entire series can be rapidly applied and removed, the rollers being unconnected with each other and readily withdrawn from their brackets D when the latter have been detached from the fence.

It is obvious that when a cat steps or springs upon a fence thus protected the barbs will pierce her skin and the roller will turn and cause her to fall. Such an experience will discourage future attempts. This exclusion of cats I consider to be one of the most important uses of my invention. Of course, however, it will also exclude poultry and human interlopers when applied, as above stated, at the top of a fence.

I am aware that it is not new to mount smooth rollers on fences; also, that it is not new to mount tilting troughs thereon; also, that it has long been customary to provide fence-tops with spikes, broken glass, and other things of similar nature and use. I do not claim any such device; but,

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

1. In combination with brackets D, adapted to be secured to the top of a fence, a barbed roll journaled therein, for the purposes set forth.
- 5 2. In combination with a fence and brackets thereon, a roller, B, having gudgeons or journals *b b*, which turn in said brackets, and a strip, C, which is wound on said roller and

provided with barbs *c*, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS M. WORTHINGTON.

Witnesses:

BENJ. R. JENNINGS,

HOWARD L. HARWICK.