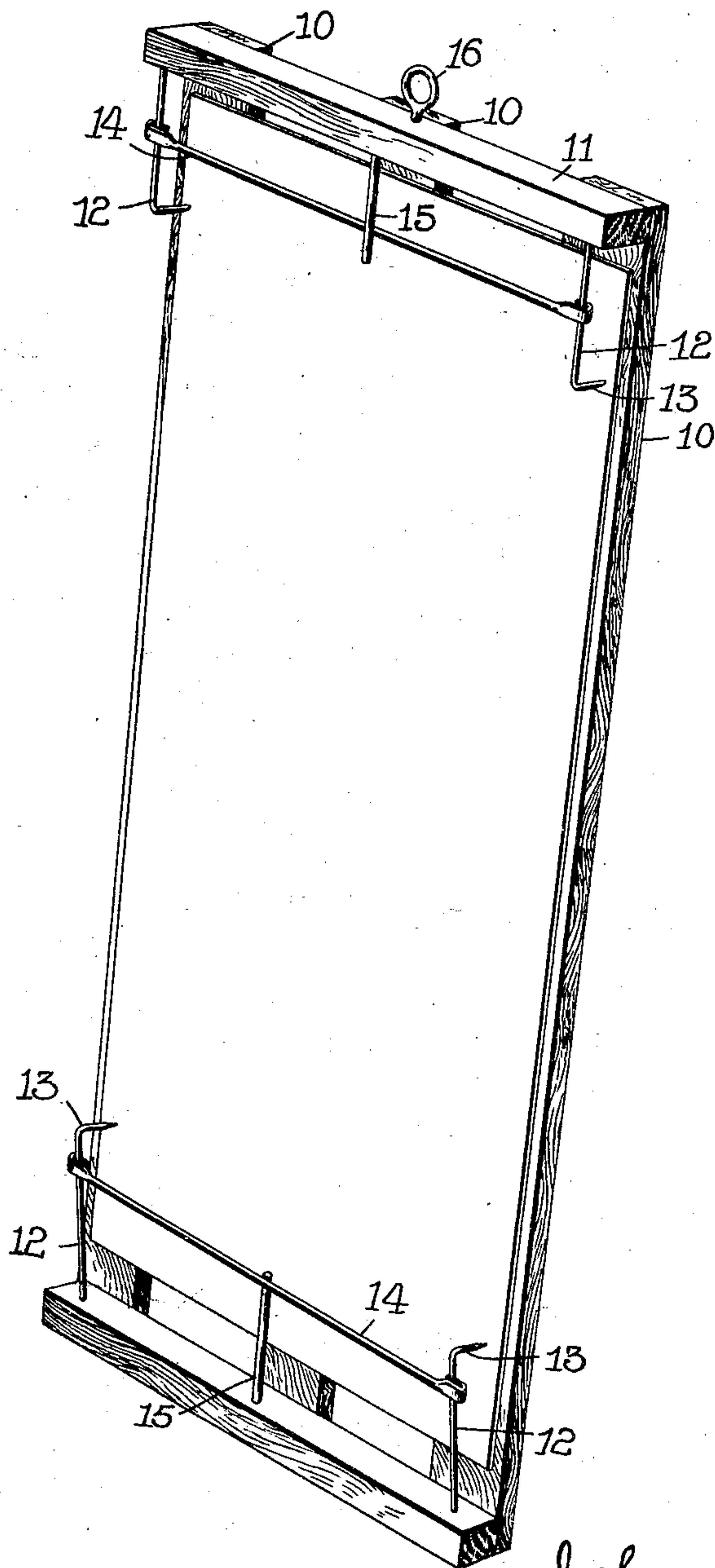


No. 783,211.

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J. O. MADDUX.
FLY PAPER HOLDER.
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JOSHUA O. MADDUX, OF BAKERSFIELD, CALIFORNIA, ASSIGNOR OF
FORTY-NINE ONE-HUNDREDTHS TO FRANCIS G. MUNZER AND
FRANKLIN T. WHORFF, OF KERN COUNTY, CALIFORNIA.

FLY-PAPER HOLDER.

SPECIFICATION forming part of Letters Patent No. 783,211, dated February 21, 1905.

Application filed June 29, 1904. Serial No. 214,600.

To all whom it may concern:

Be it known that I, JOSHUA O. MADDUX, of Bakersfield, in the county of Kern and State of California, have invented a new and Improved Fly-Paper Holder, of which the following is a full, clear, and exact description.

My invention relates to improvements in holders for sticky or other fly-paper, and is especially intended for holding sticky fly-paper.

It is well known that the sticky fly-paper, which is so largely used, while a good thing for catching flies, is a nuisance in many ways, as it is so likely to get into injurious contact with persons or things.

The object of my invention is to produce a cheap, light, simple device in which a sheet of fly-paper can be quickly placed and securely held and which will enable the fly-paper to be laid out flat or hung up on a wall.

Another object of my invention is to construct the device so that the fly-paper can be easily removed, and, further, to shape the device in such a way that a series of holders may be piled one on the other without causing the paper which they contain to stick to anything and in such a way also that the flies can crawl between the holders and get stuck.

To these ends my invention consists of certain features of construction and combinations of parts, which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawing, forming a part of this specification, in which the figure is a perspective view of the invention, showing a sheet of fly-paper fastened therein.

The holder is provided with a base or bottom which, as illustrated, is made of parallel slats 10, though obviously the bottom may be of a single piece and may be of any suitable material. I find in practice that light wood serves the purpose perfectly. At the ends or sides, as the case may be, but only on two opposite parts of the device, are the raised end pieces or flanges 11, which are fastened to the bottom and which rise well above the paper which is held upon the bottom 10. These end pieces serve the purpose of protecting the

surrounding matter from the paper. They also afford means for securing the fastening devices, and they enable the holders to be piled conveniently one on the other, all as presently described.

Projecting inwardly from each of the end pieces 11 are the fastening-dogs 12, which have inwardly-bent ends 13, preferably sharpened, so that they will pierce the paper which is held in the holder. These dogs 12 are made of simple spring-wire and are driven into the ends 11, and the springiness of the material enables them to be lifted out of engagement with the paper or to spring back into engagement therewith, as desired. Obviously any necessary number of them can be used, and the particular conformation described can be departed from without affecting the principle of the invention. To enable the dogs to be fastened down securely and conveniently and at the same time simultaneously, they are connected by a slide 14, which is movable back and forth on the dogs, and this slide is adapted to be pushed beneath a pin 15, which projects inward from the end pieces 11 at a point between the dogs. The slide 14 is somewhat springy, and by springing it beneath the pin 15 the dogs are pushed forcibly through the fly-paper and held in fastened position, while by pulling the slide forward and releasing it from the pin 15 the dogs may be easily lifted to the position shown at the bottom of the figure, and by pushing the slide 14 into engagement with the top of the pin 15 the dogs are held released, and one can then conveniently arrange the fly-paper.

On one of the end pieces 11 and on the outer side thereof is an eye 16 or equivalent means for suspending the device, and, if desired, this arrangement may be carried out on both sides, and any equivalent means may be used for hanging up the holder.

It will be seen that I thus provide a very cheap and simple holder for sticky fly-paper adapted to carry the paper flat and that the fastening means can be very easily manipulated.

It will be noticed that by reason of the

raised end pieces a pile of these holders can be arranged one on the other and that they will thus be out of the way and at the same time make a pretty good trap, because the 5 flies can and will crawl in between the several holders and get caught.

Having thus fully described my invention; I claim as new and desire to secure by Letters Patent—

10 1. A device of the kind described, comprising a flat base or bottom, fastening devices extending inward from the ends of the device so as to engage the paper and hold it against the bottom, and means for securing the fastening 15 device in open or closed position.

2. A device of the kind described, comprising a bottom having raised ends, fastening-dogs extending inward from the ends to engage the paper in the holder, and means for 20 securing the fastening-dogs in open or closed position.

3. A bottom having raised sides, fastening-dogs secured to the ends and movable up and down in relation to the bottom, and devices 25 to hold the dogs in depressed or raised position.

4. A device of the kind described, comprising a bottom portion having raised ends, fastening-dogs extending inward from the ends and movable back and forth in relation to the 25 bottom, a slide connecting the several dogs on an end of the device, and a pin projecting inward from each end and adapted to engage the slide.

5. A device of the kind described, comprising a bottom having raised ends, spring-dogs 35 extending inward from the ends and having sharpened points to engage paper on the bottom, a slide connecting the several dogs on each end of the device, and a pin on each end 40 to engage the slide.

6. A device of the kind described, comprising a bottom having raised ends, and spring-dogs secured to the ends and projecting inward essentially parallel with the bottom, the 45 said dogs having terminal bent points adapted to strike against the bottom of the device.

JOSHUA O. MADDUX.

Witnesses:

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