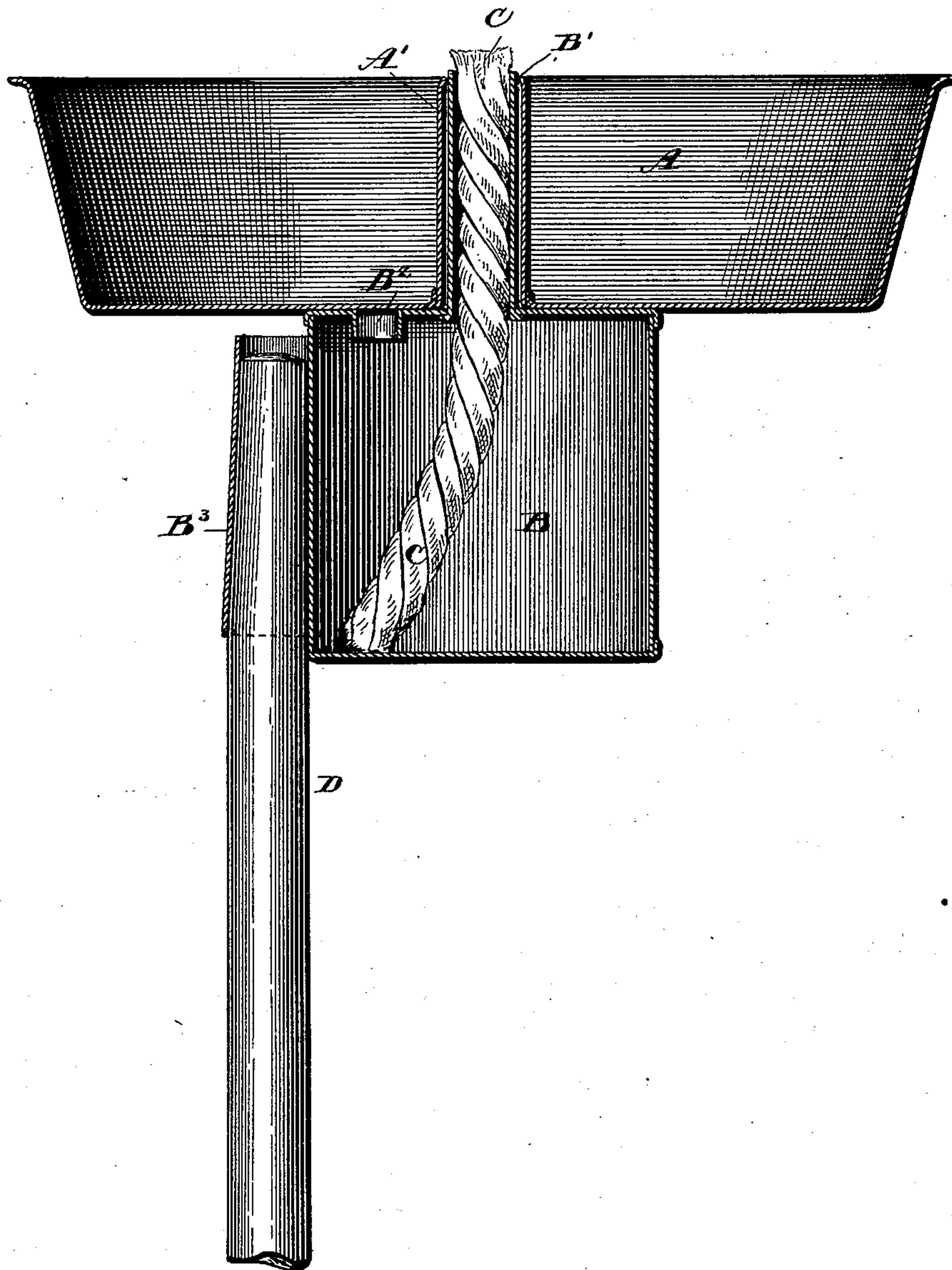


(No Model.)

J. B. WOODS.
MILLER EXTERMINATOR.

No. 404,942.

Patented June 11, 1889.



Witnesses
L. C. Hills.
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UNITED STATES PATENT OFFICE.

JOHN B. WOODS, OF MINEOLA, TEXAS.

MILLER-EXTERMINATOR.

SPECIFICATION forming part of Letters Patent No. 404,942, dated June 11, 1889.

Application filed March 26, 1889. Serial No. 304,824. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. WOODS, a citizen of the United States, residing at Mineola, in the county of Wood, State of Texas, have
5 invented certain new and useful Improvements in Miller-Exterminators, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention has relation to a means of exterminating all kinds of moths, millers, flies, and bugs that are attracted by light, and particularly the cotton-fly, which breeds the destructive cotton-worm.

To this end I have constructed my device
15 as described in the following specification, and with such novel features as will be particularly pointed out in the claim at the end thereof.

The drawing represents a vertical section
20 of my device, showing the standard and wick in side elevation.

A is a shallow pan, having an inward sleeve extending upward, as shown at A'.

B is a lamp-body, having the outward upwardly-extending sleeve B', designed for introduction into the sleeve A'.

B² is the entrance for the oil for said lamp B, and B³ is a side socket for the insertion of a standard D.

30 C is the wick of the lamp, held in the sleeve B' and projecting slightly above the same.

In using my device the pan A is filled with a mixture of water and sirup, or with any other strongly-adhesive substance, or with kerosene or water and kerosene, up to the level of the
35 wick or nearly thereto. The lamp having been filled with oil, the wick is now lighted, and the whole device fixed upon the top of a pole or other standard stationed in the cotton or tobacco field or in any other place where it
40 may be desired to kill the moths. The moths, being attracted by the light, come from all directions to strike at it, and the level of the sirup being but little below that of the light they are caught therein and retained by the
45 adhesion of the same; or in the case of the use of oil they are stifled by its fumes.

What I claim is—

A lamp having an external upwardly-projecting sleeve and a side socket and a wick
50 projecting through said sleeve, in combination with a pole or standard fitting into said side socket and a pan having an inward sleeve fitting over said sleeve on the lamp, substantially as described.

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

JOHN B. WOODS.

Witnesses:

JOE S. WILLIAMS,
E. M. HICKS.