

(No Model.)

E. W. BENWAY.
LAMP CHIMNEY CLEANER.

No. 385,439.

Patented July 3, 1888.

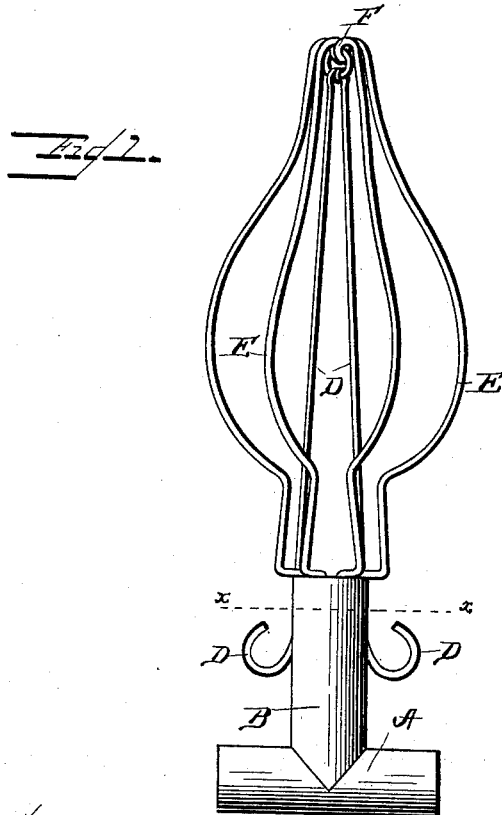
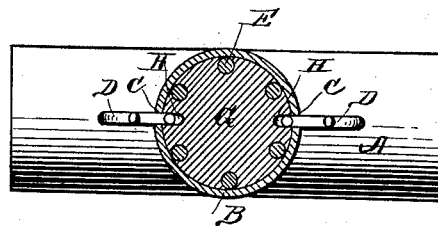


Fig. 2.



WITNESSES.
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UNITED STATES PATENT OFFICE.

ELI W. BENWAY, OF INDEPENDENCE, KANSAS, ASSIGNOR OF ONE-HALF TO
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LAMP-CHIMNEY CLEANER.

SPECIFICATION forming part of Letters Patent No. 385,439, dated July 3, 1888.

Application filed October 4, 1887. Serial No. 251,450. (No model.)

To all whom it may concern:

Be it known that I, ELI W. BENWAY, a citizen of the United States of America, residing at Independence, in the county of Montgomery and State of Kansas, have invented certain new and useful Improvements in Lamp-Chimney Cleaners, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to improvements in lamp-chimney cleaners; and it consists in the novel construction herein shown, described, and claimed, whereby a chimney may be cleaned with ease and rapidity, and cheapness
15 and simplicity of construction are obtained.

In the accompanying drawings, Figure 1 is a side elevation of the invention. Fig. 2 is a section cut through line X X in Fig. 1.

20 The letter A designates the handle of this invention, and is provided at the center with the hollow cylinder B. The said hollow cylinder B is provided in the side on a line with the handle A with the slots CC, through which the hooked ends of the pulling-wires D D
25 extend. The said pulling-wires pass up through the said cylinder and are attached to the looped rims of the flexible spring-wires E E. The said wires E E are formed to the shape of the ordinary lamp-chimney, and their
30 ends are inserted and rigidly held in the end of the cylinder B. In the cleaner shown in the drawings three wires are used, bent in the center to form the small loops F, to which the pulling-wires D D are attached. The ends of
35 the said wires E E that are inserted in the cylinder B are secured therein by driving the wooden plug G into the end of the said cylinder. The wood being soft, the said wires sink into it and are held rigidly in place. Upon

opposite sides of the said plug are cut the grooves H H, which fit over the pulling-wires D D, allowing them to move freely.

To use this invention, a cloth, either wet or dry, is placed over the flexible wires E E. The operator then grasps the handle A and presses the cleaner into the said chimney, the wires E E yielding, so as to pass into the body of the said chimney. He now places the first and second fingers of the hand holding the cleaner over the hooked ends of the pulling-wires D D, and by pulling them toward the
45 said handle the flexible wires E E are dis- tended to all parts of the said chimney. The chimney is now cleaned by revolving the said cleaner several times in the same. To take
50 the cleaner out of the chimney, the hook ends of the pulling-wires D D are released and the cleaner drawn out of the chimney, the wires E E yielding as upon the introduction into the same.

What I claim is—

In a chimney-cleaner such as described, the combination of the handle A, provided with a cylinder, B, flexible wires E E, the ends of the said wires resting in the said cylinder, the
65 wooden plug G, driven into the end of the said cylinder and adapted to hold the said ends of the wires E resting therein, and pulling-wires D D, attached to the upper end of the said flexible wires and provided with hooks at the
70 lower end near the said handle, substantially as and for the purpose described.

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

ELI W. BENWAY.

Witnesses:

J. B. UNDERHILL,
WM. F. BOWYER.