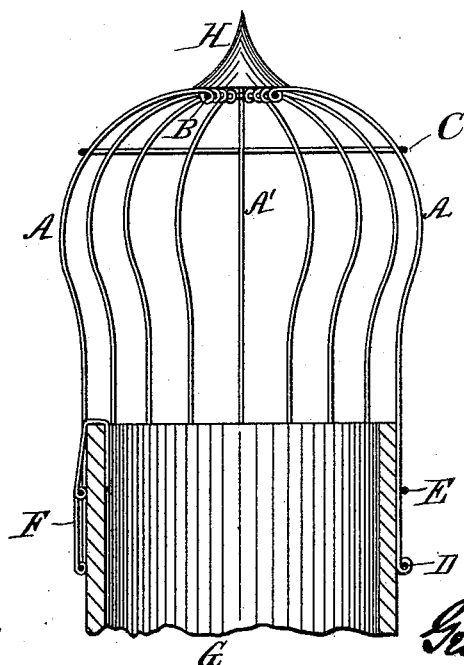
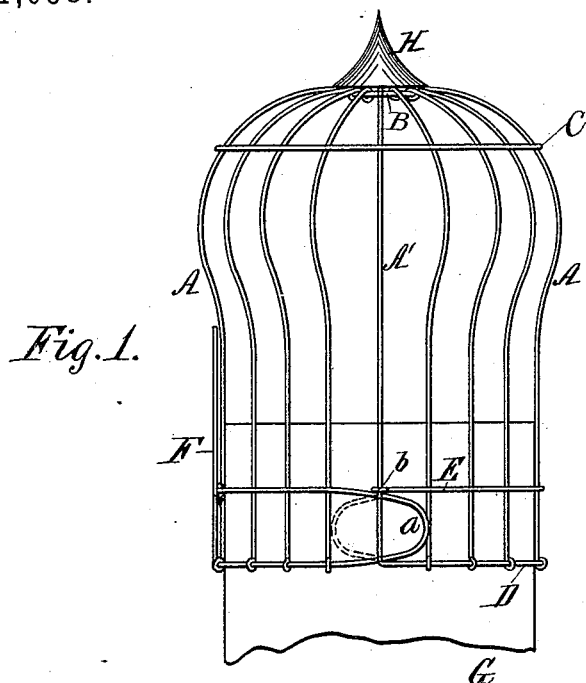


(No Model.)

G. H. HARRINGTON.
PIPE HOOD.

No. 421,098.

Patented Feb. 11, 1890.



Witnesses:
W.C. Jirdin, ston.
Charles Billon

Inventor:
George W. Harrington
by Peck & Hector

His Attorneys.

UNITED STATES PATENT OFFICE.

GEORGE H. HARRINGTON, OF CINCINNATI, OHIO.

PIPE-HOOD.

SPECIFICATION forming part of Letters Patent No. 421,098, dated February 11, 1890.

Application filed November 28, 1889. Serial No. 331,501. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. HARRINGTON, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Pipe-Hoods, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to protecting hoods or cowls for the open ends of pipes to prevent foreign substances—such as leaves and birds—from getting into and clogging the same; and it has for its object the improved construction of such hoods, whereby they are rendered cheap and efficient and can be readily and securely attached to the open end of a pipe.

The novelty of my invention will be hereinafter set forth, and specifically pointed out in the claims.

In the accompanying drawings, Figure 1 is an elevation showing my improved hood applied to the upper open end of a pipe. Fig. 2 is a vertical sectional view of the same.

The same letters of reference are used to indicate identical parts in all the figures.

The hood is made of wire in substantially circular bird-cage form, having the vertical wires A secured at their upper ends to a ring B and re-enforced and stiffened by a second lower ring C, soldered thereto. One of the vertical wires A' is bent at right angles at its lower end and bent around in the form of a circle to form the bottom wire D, to which the lower ends of the other vertical wires are secured. It is then looped, as at a, around the vertical lower part of A' and circled around the hood to form the upper part E of

the looping-band, and has its end secured at b to A'.

Secured to the band D E between any two of the vertical wires is an upwardly-projecting wire F. From this construction it will be seen that by slipping the lower part of the hood over the upper open end of a pipe G and drawing back the looped part a and doubling it back, as seen by the dotted lines, Fig. 1, the hood is made to bind firmly upon the pipe, and by then pressing in the wire F over the top edge of the pipe and pressing it down, as seen in Fig. 2, a lock is formed to prevent the hood from slipping farther down upon the pipe.

It is any ornamental sheet-metal cone inserted in the ring B. In this way I form a very simple, cheap, and efficient hood useful for ventilating or other pipes, and which can be easily and securely fastened to their open ends.

Having thus fully described my invention, I claim—

1. A wire hood for pipes, having at its lower end a clamping-band engaging the wires of the hood and encircling the pipe, one end of said band being free and projecting beyond the other end, whereby the free end of said band can be engaged with the opposite end and bent back to clamp the hood to the exterior of the pipe, substantially as described.
2. The herein-described wire hood for pipes, having the endless clamping-band D E, looped at a, and provided with the upwardly-projecting wire F, the whole constructed and to be applied in the manner specified.

GEORGE H. HARRINGTON.

Witnesses:

CHARLES BILLON,
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