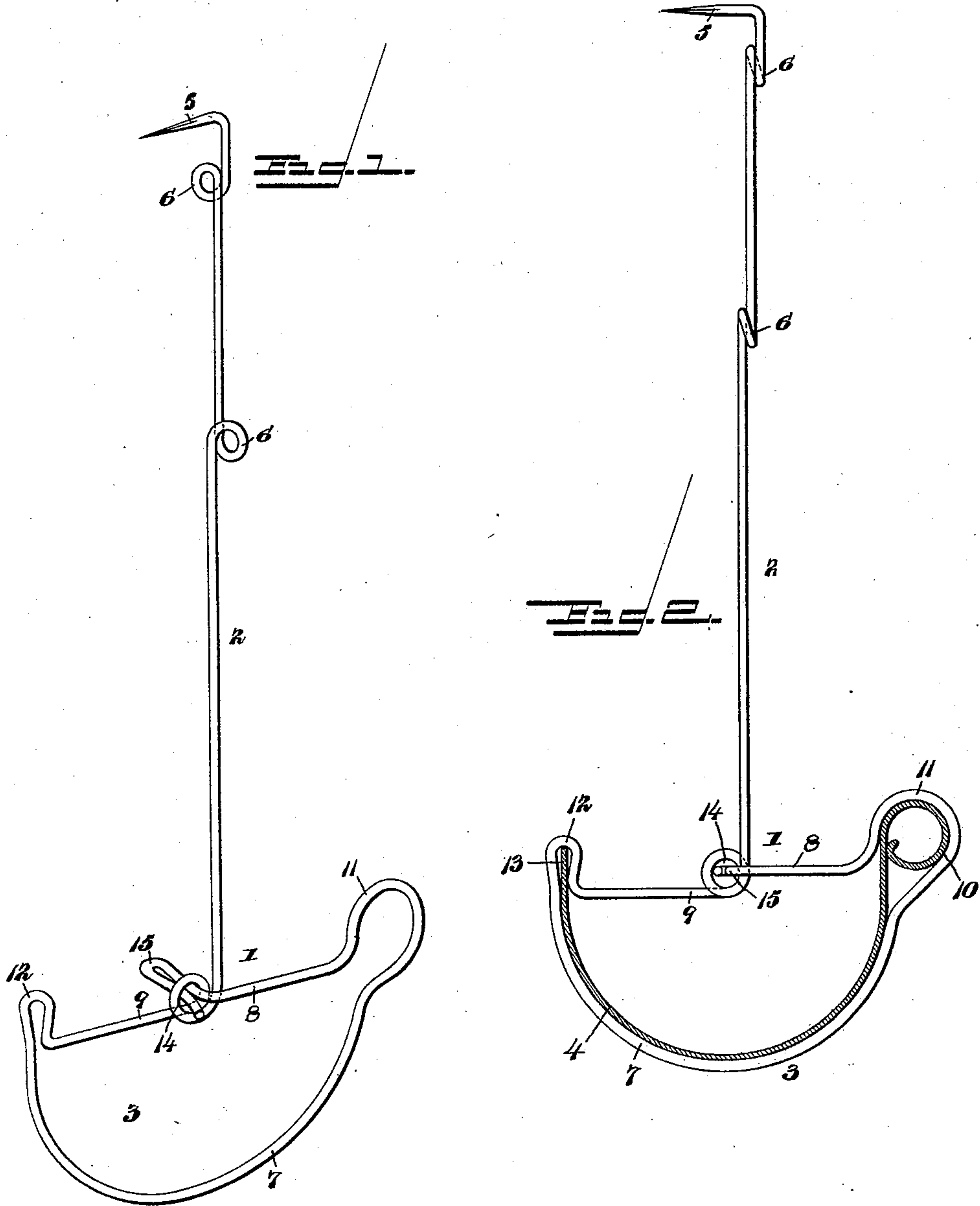


(No Model.)

S. L. LEWIS.
EAVES TROUGH HANGER.

No. 534,272.

Patented Feb. 19, 1895.



Inventor

Samuel L. Lewis

Witnesses

E. H. Stewart
J. P. Riley

By *his* Attorneys.

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

SAMUEL LAWRENCE LEWIS, OF KNOXVILLE, TENNESSEE.

EAVES-TROUGH HANGER.

SPECIFICATION forming part of Letters Patent No. 534,272, dated February 19, 1895.

Application filed August 22, 1894. Serial No. 521,021. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL LAWRENCE LEWIS, a citizen of the United States, residing at Knoxville, in the county of Knox and State of Tennessee, have invented a new and useful Eaves-Trough Hanger, of which the following is a specification.

The invention relates to improvements in eaves-trough hangers.

10 The object of the present invention is to provide an exceedingly simple and inexpensive eaves-trough hanger, which may be readily applied to and easily removed from eaves troughs, and which will greatly facilitate the hanging of the latter.

15 The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

20 In the drawings: Figure 1 is a perspective view of an eaves-trough hanger constructed in accordance with this invention. Fig. 2 is an elevation of the same, showing the eaves-trough hanger applied to a trough, the latter being in section.

25 Like numerals of reference indicate like parts in both the figures of the drawings.

30 1 designates an eaves-trough hanger, constructed of a single piece of stout wire, and consisting of a stem or suspension rod 2, and an approximately semi-circular embracing-frame 3, conforming to the configuration of an eaves trough 4. The suspension stem or rod 2 terminates at its upper end in an angularly-bent point 5, adapted to be driven into a shingle of a roof; and the said stem is provided at intervals with laterally-disposed eyes 6, formed by coiling the wire of the stem and located a sufficient distance apart to receive fastening devices, such as staples or the like, and to prevent any liability of the same splitting a shingle.

45 The frame 3, which embraces the trough 4, consists of a lower curved supporting portion 7, located beneath the trough, and inward-extending interlocking arms 8 and 9, disposed transversely of the trough and forming a connecting cross-piece. The frame is provided at its outer side adjacent to the bead 10, of the trough, with a curved loop 11, conforming closely to the configuration of the said

bead; and at the opposite side the frame 3 is provided with an upwardly-disposed narrow bend 12, which receives the adjacent edge 13 of the trough. By this construction the frame is made to conform closely to the configuration of the eaves trough, and it securely holds the same.

65 The arm 9 is provided at its inner end with an eye 14, formed by coiling the wire at the lower end of the stem; and the adjacent end of the other arm 8 is provided with an angularly-disposed finger 15, formed by doubling the wire and bending it at right angles horizontally. The two sides which form the horizontally disposed finger 15 are slightly inwardly curved, and the encircling eye 14 is resilient, and is adapted to be sprung slightly to permit the enlarged outer portion or end of the finger to pass through it, and by this construction a spring clamp is provided for connecting the terminals of the eaves trough embracing frame. The finger interlocks with the eye, and the hanger may be readily applied to an eaves trough by simply fitting the embracing-frame around the same and engaging the finger in the eye 14, and thereby interlocking the arms 8 and 9.

80 It will be readily apparent that the eaves-trough hanger may be easily and rapidly applied to eaves troughs without liability of bending or denting the latter, and that they may be readily separated when it is desired to remove the eaves trough. It will also be apparent that the eaves-trough hanger enables an eaves trough to be conveniently suspended from a roof without liability of splitting the shingles, and at the expenditure of but little time and labor.

90 Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

95 What I claim is—

100 An eaves trough hanger, constructed of a single piece of wire, and comprising a stem for attachment to a roof or the like, and a substantially semi-circular eaves trough embracing frame having a curved lower portion conforming to the configuration of and supporting the trough, and provided with the inner and outer horizontal arms 8 and 9 forming a

transverse portion, the arm 9 being connected
at its inner end with the lower end of the stem
by a resilient coil, and connected at its outer
end with the curved bottom portion of the
5 frame by an upwardly projecting inverted
substantially U-shaped loop receiving and
clamping the inner edge of the trough, and
the arm 8 being connected with the curved
bottom portion of the frame by a bead receiv-
10 ing loop, and terminating at its inner end ad-
jacent to a stem in a horizontal finger 15, ar-
ranged at right angles to the arm 8, and com-

posed of two inwardly curved sides arranged
within the said eye, and forming with the same
a spring catch, the outer end of the finger be- 15
ing slightly larger than the interior diameter
of the eye, substantially as described.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

SAMUEL LAWRENCE LEWIS.

Witnesses:

W. L. RICHARDSON,

W. B. HENDERSON.