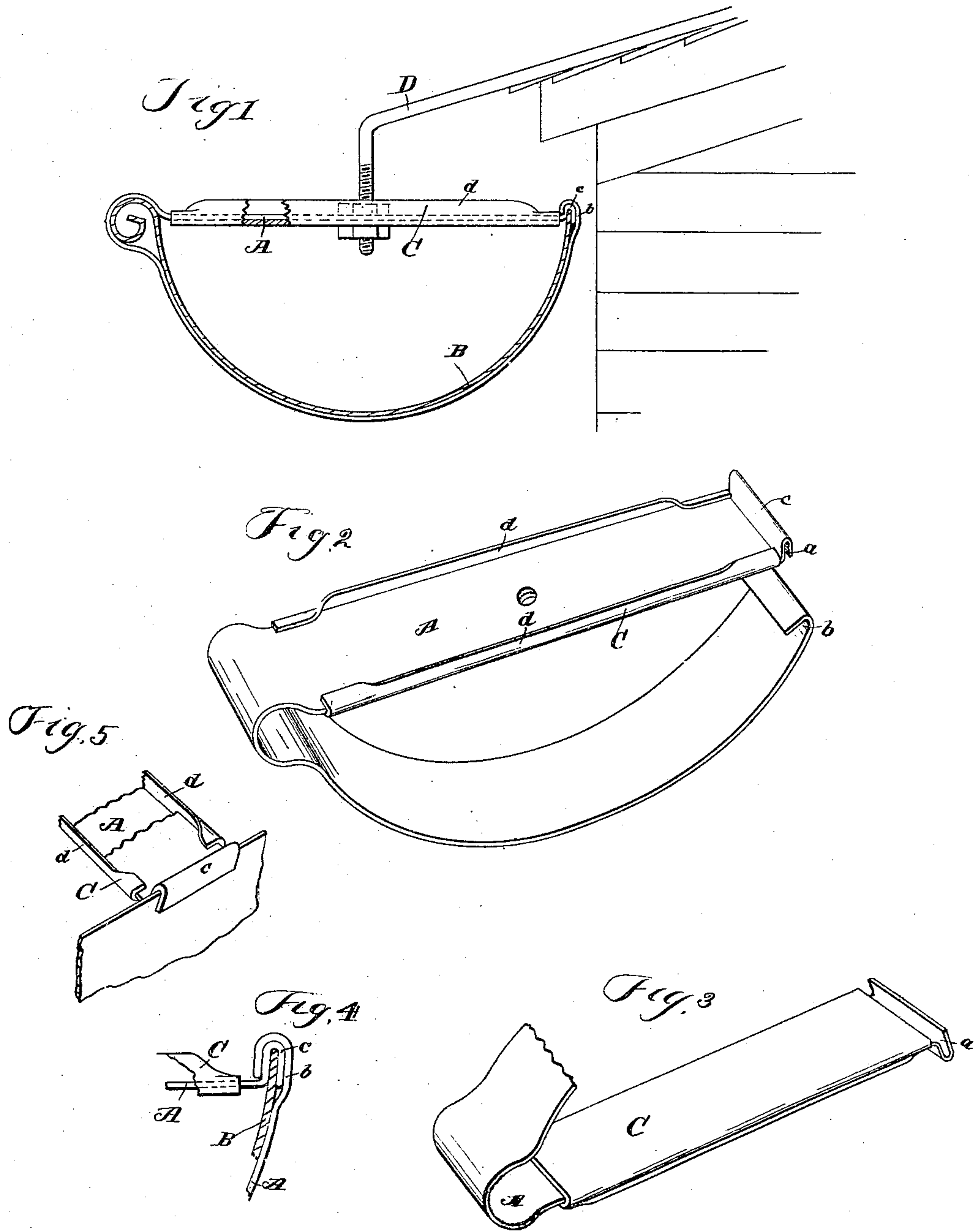


(No Model.)

J. WOCK.
EAVES TROUGH HANGER.

No. 453,990.

Patented June 9, 1891.



WITNESSES:

J. Cross
Edw. Smith

John Wock INVENTOR

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UNITED STATES PATENT OFFICE.

JOHN WOCK, OF CANTON, OHIO, ASSIGNOR OF TWO-THIRDS TO JAMES H. ELLER, OF SAME PLACE.

EAVES-TROUGH HANGER.

SPECIFICATION forming part of Letters Patent No. 453,990, dated June 9, 1891.

Application filed January 7, 1891. Serial No. 376,967. (No model.)

To all whom it may concern:

Be it known that I, JOHN WOCK, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have
5 invented certain new and useful Improvements in Eaves-Trough Hangers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings,
10 making a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a transverse section of an eaves-trough, showing my hanger properly attached thereto. Fig. 2 is a detached view of the
15 hanger. Fig. 3 is a bottom or under side view of the cross-bar or bridge. Fig. 4 is a view showing the hanger properly connected to the raw edge of an eaves-trough. Fig. 5 is a view showing the cross-bar properly hooked to the
20 raw edge of an eaves-trough, showing the under band removed.

The present invention has relation to eaves-trough hangers; and it consists in the different parts and combination of parts herein-
25 after described, and particularly pointed out in the claim.

Similar letters of reference indicate corresponding parts in all the figures of the drawings.

30 In the accompanying drawings, A represents the hanger-band, which extends across the top of the trough, around the bead, and under side of the trough illustrated in Fig. 1. The end of the hanger-band A, calculated to
35 be placed upon the raw edge of the trough B, is provided with the hook or groove *a*, which is formed by bending the end of said hanger-band, as illustrated in the drawings. The opposite end of the hanger-band A is provided
40 with the hook *b*, which is calculated to embrace the end of the hanger-band placed over

the raw edge of the trough B. The hook *b* is originally formed so as to easily embrace the ridge *c*, and, properly placed over said ridge, it is afterward compressed in any convenient
45 and well-known manner, thereby securely seating the hook *b* upon the ridge *c* and uniting the ends of the hanger-band A together.

For the purpose of strengthening that portion of the hanger-band A which is located
50 across the top of the trough B the strip C is provided, which strip is located upon the under side of the hanger-band A, and its edges bent so as to form the flanges *d*, which flanges are
55 located substantially at right angles to the hanger-band.

For the purpose of securely holding the strip C upon the hanger-band A the ends of the flanges *d* are folded down upon the top of the hanger-band A, substantially as shown in
60 Figs. 2 and 5.

For the purpose of suspending the trough proper from the eaves of a roof the bar D is provided, which is attached to the hanger
65 proper and to the building in the ordinary manner.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the hanger-band A, provided with the hook or groove *a*, the ridge *c*,
70 and the hook *b*, and the strip C, provided with the vertical flanges *d*, substantially as and for the purpose specified.

In testimony that I claim the above I have
75 hereunto subscribed my name in the presence of two witnesses.

JOHN WOCK.

Witnesses:

F. W. BOND,
J. H. ELLER.