S. W. KERSHNER.

Water-Elevator Bucket.

No. 212,098. Patented Feb. 11, 1879.

Fig. 1.

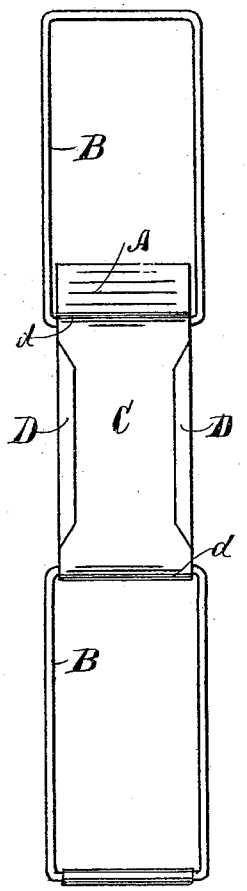

Fig. 2.

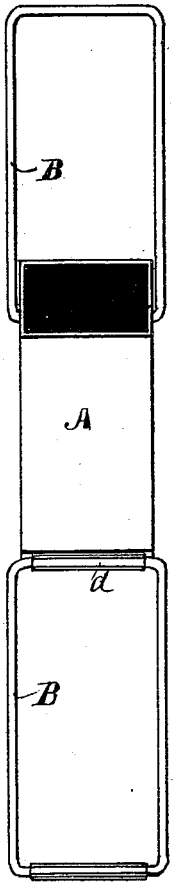

Fig. 3.

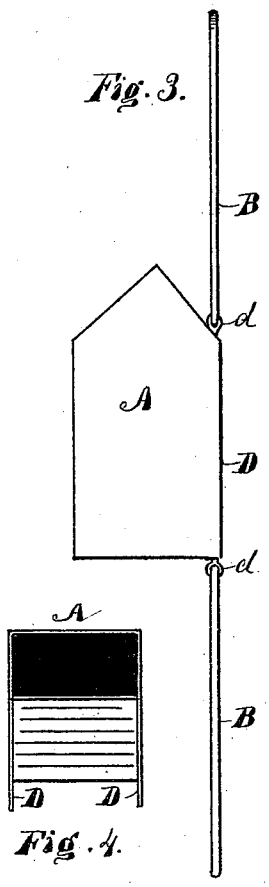

Fig. 4.

Witnesses

Byron A. Tyler

George Bennett.

Inventor

Stephen W. Kershner,

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his Attorney

UNITED STATES PATENT OFFICE.

STEPHEN W. KERSHNER, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN WATER-ELEVATOR BUCKETS.

Specification forming part of Letters Patent No. **212,098**, dated February 11, 1879; application filed July 19, 1878.

To all whom it may concern:

Be it known that I, STEPHEN W. KERSHNER, of Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Improvement in the Mode of Connecting Buckets to Chains for Elevator Purposes, of which the following is a description, reference being had to the accompanying drawings.

The object of my invention is to attach metallic buckets to an elevator-chain, each bucket having a means of fastening it to the chain formed from one of the two pieces of which the bucket is composed.

My invention consists in the new arrangement and combination of devices, as will be hereinafter fully set forth and described.

In the accompanying drawings, in which like letters of reference in the different figures indicate like parts, Figure 1 represents an elevation, showing the rear side of the elevator-bucket attached to a flat link of the chain. Fig. 2 is a front elevation, and Fig. 3 is a side elevation, of the same. Fig. 4 is a top view of the bucket, showing the means of fastening it to the chain.

To the bucket and open link shown in this application I make no broad claim, as they are the subject-matters of Patents No. 208,608 and No. 208,609, granted to me October 1, 1878.

A represents the metallic bucket, having two projecting flanges, D D, forming part of the piece of metal that forms the sides and front of the bucket, as shown in Fig. 4. B B represent the open links of the chain, which are united together by the flat links C, as shown. The back of the bucket A is placed against the links, and secured thereto by bending the projecting sides D D of the bucket around the link, thus clamping the bucket to the link, as shown in Fig. 1.

It will be seen from the foregoing that the bucket made from two pieces of metal forms also the means of fastening it to the chain, and that the bucket can be removed or attached at will without the use of rivets, bolts, or screws.

What I claim as new, and desire to secure by Letters Patent, is—

In combination with an elevator-chain, the metallic bucket A, when said bucket is made from two pieces of metal and one piece forms projections or flanges D D, that are adapted to be bent around a link and unite the bucket to the chain, substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

STEPHEN W. KERSHNER.

Witnesses:

EDWARD S. POPE,

E. O. FRINK.