

(No Model.)

A. J. BAYLEY.
COVER FOR CATCH BASINS.

No. 425,198.

Patented Apr. 8, 1890.

Fig. 1.

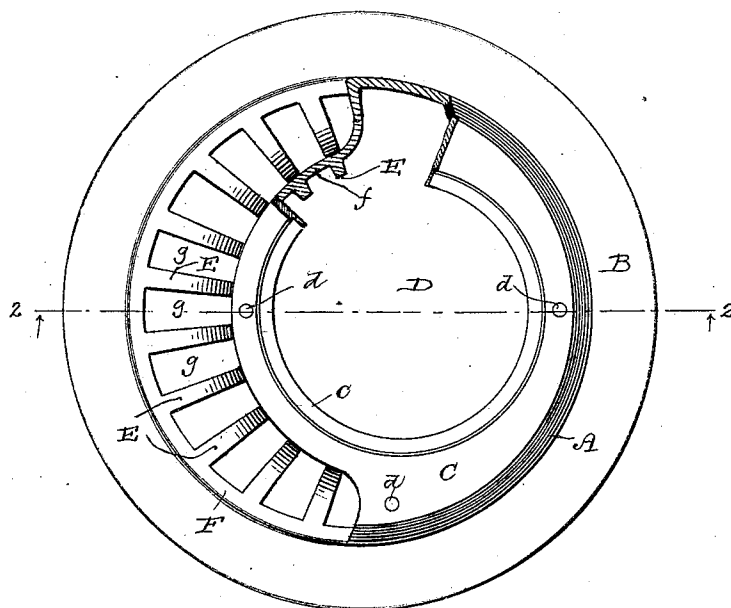


Fig. 2.

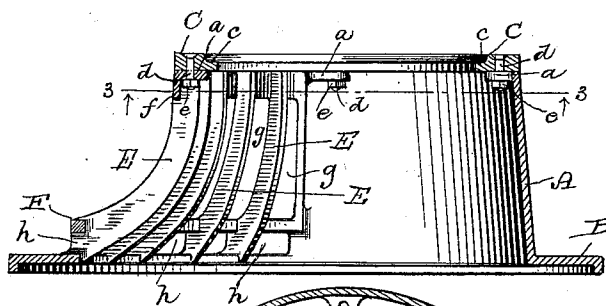
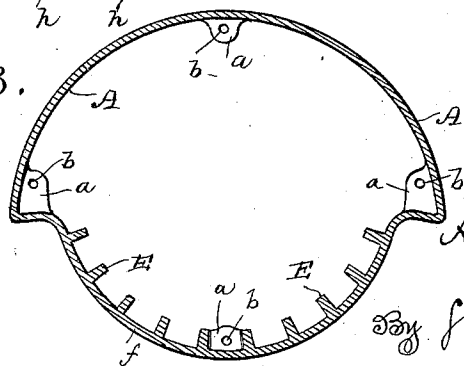


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

ARTHUR J. BAYLEY, OF MILWAUKEE, WISCONSIN.

COVER FOR CATCH-BASINS.

SPECIFICATION forming part of Letters Patent No. 425,198, dated April 8, 1890.

Application filed September 4, 1889. Serial No. 322,933. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR J. BAYLEY, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Covers for Catch-Basins; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to covers for catch-basins; and it consists in certain peculiarities of construction, as will be fully set forth hereinafter and subsequently claimed.

In the drawings, Figure 1 is a plan view, partly broken away, of my improved device. Fig. 2 is a vertical central section on the line 2 2 of Fig. 1, and Fig. 3 is a horizontal section on the line 3 3 of Fig. 2.

A is the body of my device, B the base of the same, and C the top, the latter having a seat *c* around an opening D to receive an ordinary cover. (Not shown.) The upper part of the body A is provided with inturned flanges *a a*, having perforations *b b*, by means of which and corresponding perforations in the top C the said top is secured to the body by bolts *d d* and nuts *e e*. The body A is solid at the rear and at the front is cast with curved ribs E E, which extend from the upper part of the body clear down to the base B, having an upper strengthening-band *f* at the top and a lower strengthening-band F

near the bottom of said ribs, leaving openings between said ribs both above and below said band F, as shown at *g g* and *h h*, respectively, so that there is no obstruction anywhere to the passage of water, and the band F serving to prevent the accidental breaking of said ribs near their lower ends. The curved construction of the ribs enables them to offer less obstruction to ice, &c., and also guards against their being struck by wheels in turning short corners.

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

In a catch-basin cover, the combination, with the body having a horizontal base and a front upper strengthening-band, of a series of front curved ribs extending from said upper band to said base, and a lower strengthening-band near the lower ends of said ribs, with openings between said ribs both above and below said lower band, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

ARTHUR J. BAYLEY.

Witnesses:

H. G. UNDERWOOD,
WM. KLUG.