

H. W. CLAPP.
Gratings for Sewer Inlets.

No. 149,373.

Patented April 7, 1874.

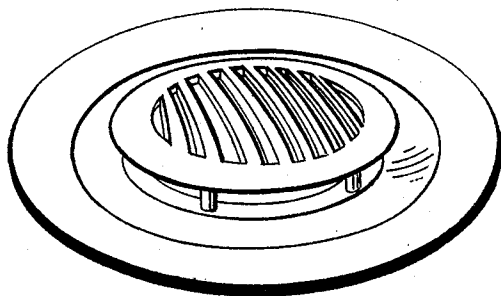


Fig 3

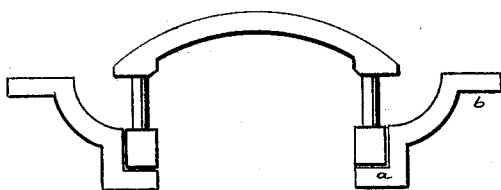


Fig 2

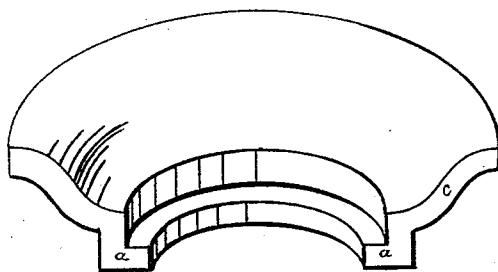


Fig 1

Witnesses
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UNITED STATES PATENT OFFICE.

HENRY W. CLAPP, OF CONCORD, NEW HAMPSHIRE.

IMPROVEMENT IN GRATINGS FOR SEWER-INLETS.

Specification forming part of Letters Patent No. **149,373**, dated April 7, 1874; application filed July 12, 1873.

To all whom it may concern:

Be it known that I, HENRY W. CLAPP, of Concord, in the county of Merrimack and State of New Hampshire, have invented certain Improvements in Base-Rings for Sewer-Inlets, of which the following is a specification, reference being had to the accompanying drawing:

The object of my invention is to provide a base-ring for and to be used in connection with my sewer-grating patented January 21, 1873, which will permit the grating to be set so low down as not to obstruct the passage of a wheel.

Referring to the drawing, Figure 1 is an isometrical section, showing the shape of my base-ring, one-half the ring being supposed to be removed for the purpose of illustration. Fig. 2 is a section of the ring with the grating in place. Fig. 3 is a perspective drawing, showing both the grating and ring.

My ring is provided with a shoulder at *a*, Figs. 1 and 2, which receives the grate. A shoulder at *b*, Fig. 2, receives the curb around the inlet, and the portion of the ring between the two shoulders is molded in the form shown in the drawings to give a passage for the water under the grating, as shown in Fig. 3. The grating may be secured to the base-ring by a bayonet-joint or other proper fastening.

I claim—

1. As an article of manufacture a base-ring for sewer-inlets having the shoulders *a* and *b*, and the molding *c* combined and arranged as and for the purposes above set forth.
2. The combination of the raised grating with the base-ring described.

Concord, June 26, 1873.

HENRY W. CLAPP.

Witnesses:

L. D. STEVENS,
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