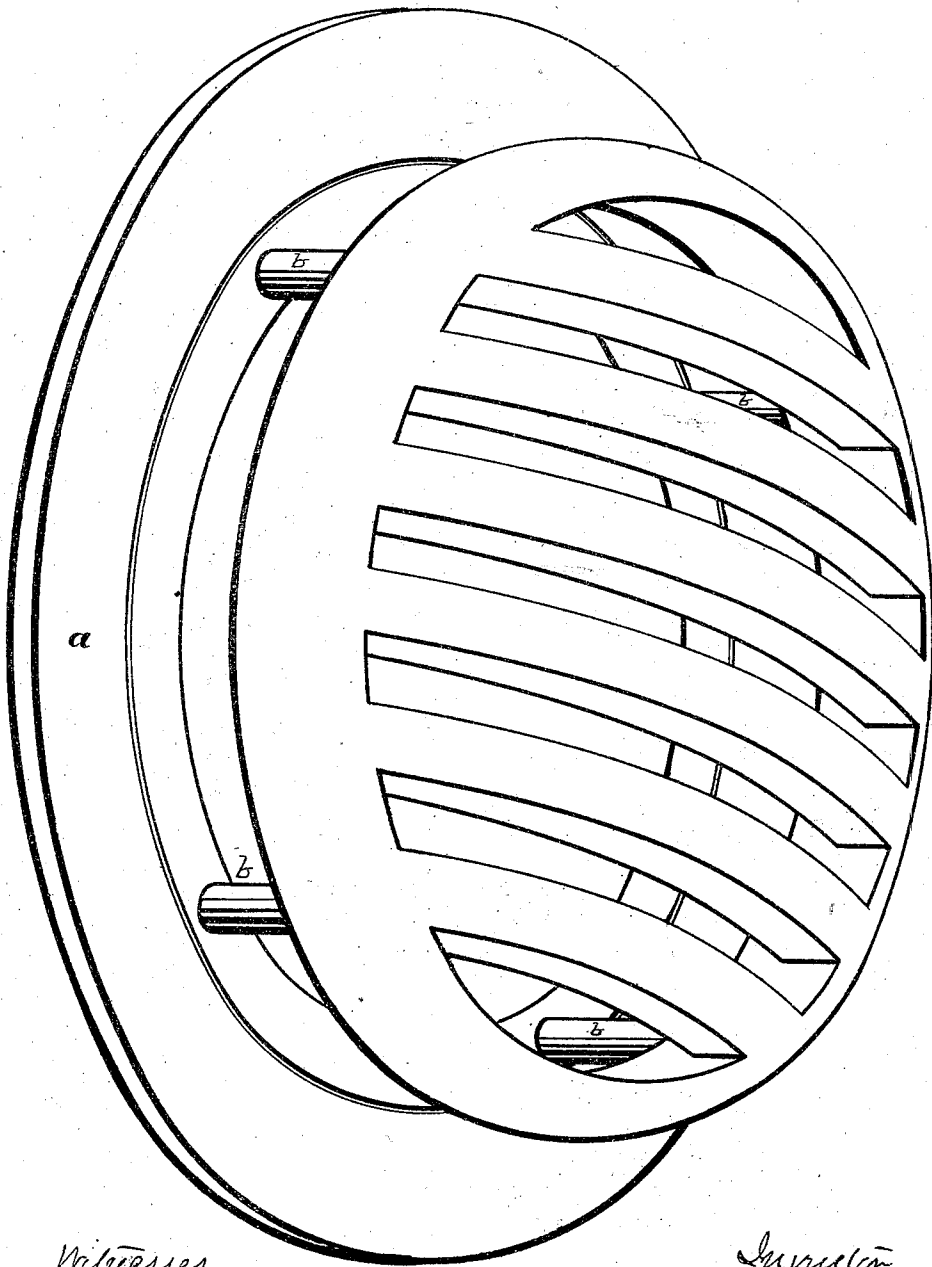


H. W. CLAPP.

Gratings for Sewer Inlets.

No. 134,978.

Patented Jan. 21, 1873.



Witnesses
Chas. C. Luce
T. C. Hastings

Inventor
Henry W. Clapp

UNITED STATES PATENT OFFICE.

HENRY W. CLAPP, OF CONCORD, NEW HAMPSHIRE.

IMPROVEMENT IN GRATINGS FOR SEWER-INLETS.

Specification forming part of Letters Patent No. **134,978**, dated January 21, 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 Gratings for Catch-Basins and Sewers; and for the purpose of enabling others to use my invention I will describe the same, referring to the accompanying drawing and the letters of reference marked thereon.

My improvement consists in the employment of a device to elevate the grating above the opening which it covers a short distance, so that it will not become obstructed by small sticks, straws, leaves, and other small rubbish not large enough to clog the sewer or drain with which it may be connected, and at the same time will stop all matter large enough to do injury in said drain.

My improvement may be attached to any form of grating, round or square; and consists of a cast-iron ring made to fit the collar which surrounds the opening to hold the grate in place, marked *a* in the drawing, in which I set the cast or wrought iron pins, marked *b* in the drawing, to which the grating is firmly attached, and by means of which the grating

may be elevated one to two inches, more or less, as may be desirable. These pins may be of wrought-iron fitted to holes drilled in the grate and ring; or the grate, ring, and pins for elevating the grate may be cast all in one piece; or wrought-iron pins may be cast into the ring and grate when they are cast.

The whole grating and ring may be taken out as desired, as easily as if they were not furnished with the supporting-ring; and my improvement may be used with a wood or iron collar, as may be desired.

By thus elevating the grate a space is left, through which leaves, straws, small sticks will pass freely, and the grate will be kept clear for the passage of water.

I claim—

The grating for sewer-openings herein described, consisting of the ring *a*, supporting-pins *b*, and elevated grating, substantially as specified.

HENRY W. CLAPP.

Witnesses:

CHAS. C. LUND,
V. C. HASTINGS.