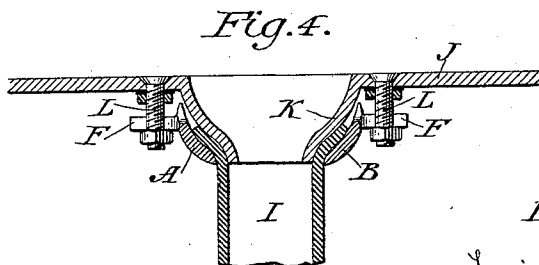
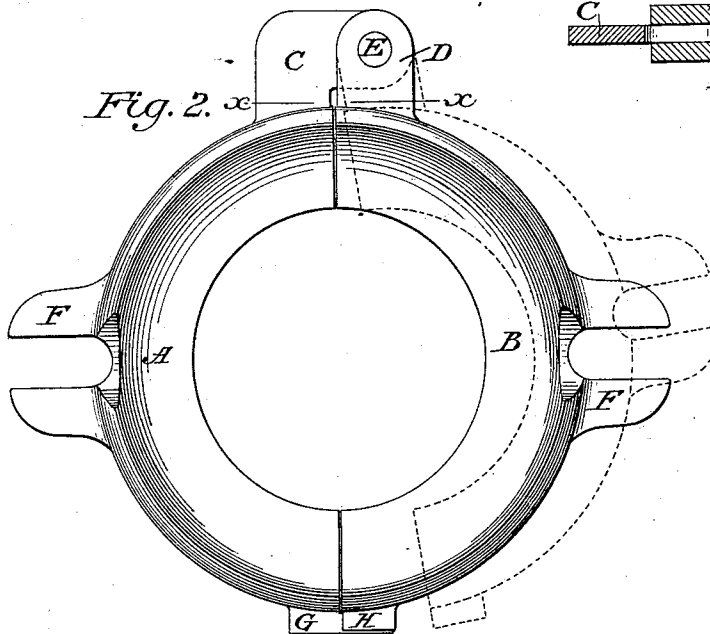
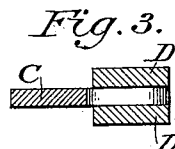
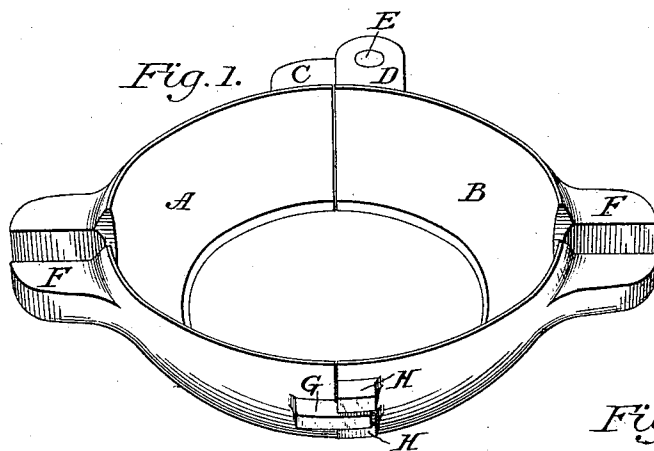


(No Model.)

L. J. EUVRARD.  
SINK COUPLING.

No. 406,272.

Patented July 2, 1889.



*Attest:*  
*A. K. Jespersen*  
*E. M. Watson*

*Inventor:*  
*Louis J. Euvarard*  
*By David A. Burr*  
*Atty.*

# UNITED STATES PATENT OFFICE.

LOUIS J. EUVRARD, OF MONTCLAIR, NEW JERSEY.

## SINK-COUPLING.

SPECIFICATION forming part of Letters Patent No. 406,272, dated July 2, 1889.

Application filed March 7, 1889. Serial No. 302,263. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS J. EUVRARD, of Montclair, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Sink-Couplings; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to the coupling-rings by which waste-pipes are connected to cast-iron and other sinks.

In the use of the ordinary coupling-ring much annoyance, waste of time, and consequent expense are involved in simply replacing it, because of the necessity of entirely breaking the joint and bending the pipe, or taking out the sink, in order to slip a new ring over the pipe to embrace it whenever from any cause the ring breaks after the joint has been made, while on new work as well as old the coupling-ring, which must necessarily embrace the pipe while it is being fitted to the collar on the sink, is in the way of the workman and is apt to indent and mar the finished surface of the pipe.

The object of my invention is to overcome these disadvantages and to furnish a coupling-piece in place of the ring, which, while it will fulfill perfectly all of the functions of the ring, may be applied to the joint after the pipe has been fitted.

In the accompanying drawings, Figure 1 is a view in perspective of my improved sink-coupling device; Fig. 2, a plan view thereof; Fig. 3, a cross-section in line *x x* of Fig. 2; Fig. 4, a diametric section of the coupling as applied to a sink to support and secure the waste-pipe.

This improved coupling is formed in two semicircular divisions A and B, which are so fashioned, as illustrated in the drawings, as that, when properly united, they will correspond substantially in form with the approved coupling-rings now in general use for covering and securing the joint of a waste-pipe and sink. The two divisions are united by means of ears or lugs C and G, projecting at each end of the straight face of one division

A, to pass between embracing ears or lugs D D and H H, formed opposite thereto at the ends of the straight face of the opposite division B, as shown in Figs. 1 and 3, thereby forming interlocking joints, which serve to support and insure an exact registry of the two divisions when they are brought together. For greater convenience, the lugs or ears C D forming one of these joints may be extended or enlarged sufficiently to receive a transverse pivot-pin E, as shown in Figs. 1 and 2, to constitute a hinge upon which the two divisions may be swung open, as shown by the dotted lines in Fig. 2.

The customary slotted offsets F F, by which the coupling is made fast to the sink, are made to project from the curved margin of each division on a diametric line at a right angle to the line on which the two divisions part.

In the use of my invention the end of the lead waste-pipe I for the sink J is fitted in the customary manner over the projecting flange or collar K, encircling the discharge-aperture in the sink. After the joint has been properly fitted the annular hinged coupling-piece A B is opened (see dotted lines, Fig. 2) sufficiently to permit it to embrace the end of the pipe I, and is then closed upon it, as shown in Fig. 4, so as to fully encircle the same. It is then drawn up toward the sink by means of the sink-bolts L L, passing through the slotted offsets F F, so as to firmly clamp and support the joint and uphold the pipe I.

When it becomes necessary to repair the joint, the coupling is readily removed by the withdrawal of the bolts L L without the necessity of loosening the pipe I, and in like manner a new coupling-piece may be fitted to the joint when needed without disturbing the pipe or breaking the joint already made.

Where a hinge-pin E is employed the necessity of a second interlocking joint G H is in a great measure obviated, and the coupling may therefore be formed with the hinge-joint alone.

I claim as my invention—

The combination, with each other in an annular coupling for sinks, of the two semicircular divisions A and B, dished or concave

on one face only, and having slotted offsets projecting outwardly midway the curved rim of each, and ears or lugs projecting at each end of the straight edge of the one division  
5 to pass between embracing ears or lugs formed opposite thereto at the ends of the straight edge of the opposite division, and thereby form interlocking joints, which insure the proper registry of the divisions, substantially

in the manner and for the purpose herein set forth.

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

LOUIS J. EUVRARD.

Witnesses:

A. N. JESBERA,

E. M. WATSON.