

J. Silsby.
Pipe Casing.

N^o 97,448.

Patented Nov. 30, 1869.

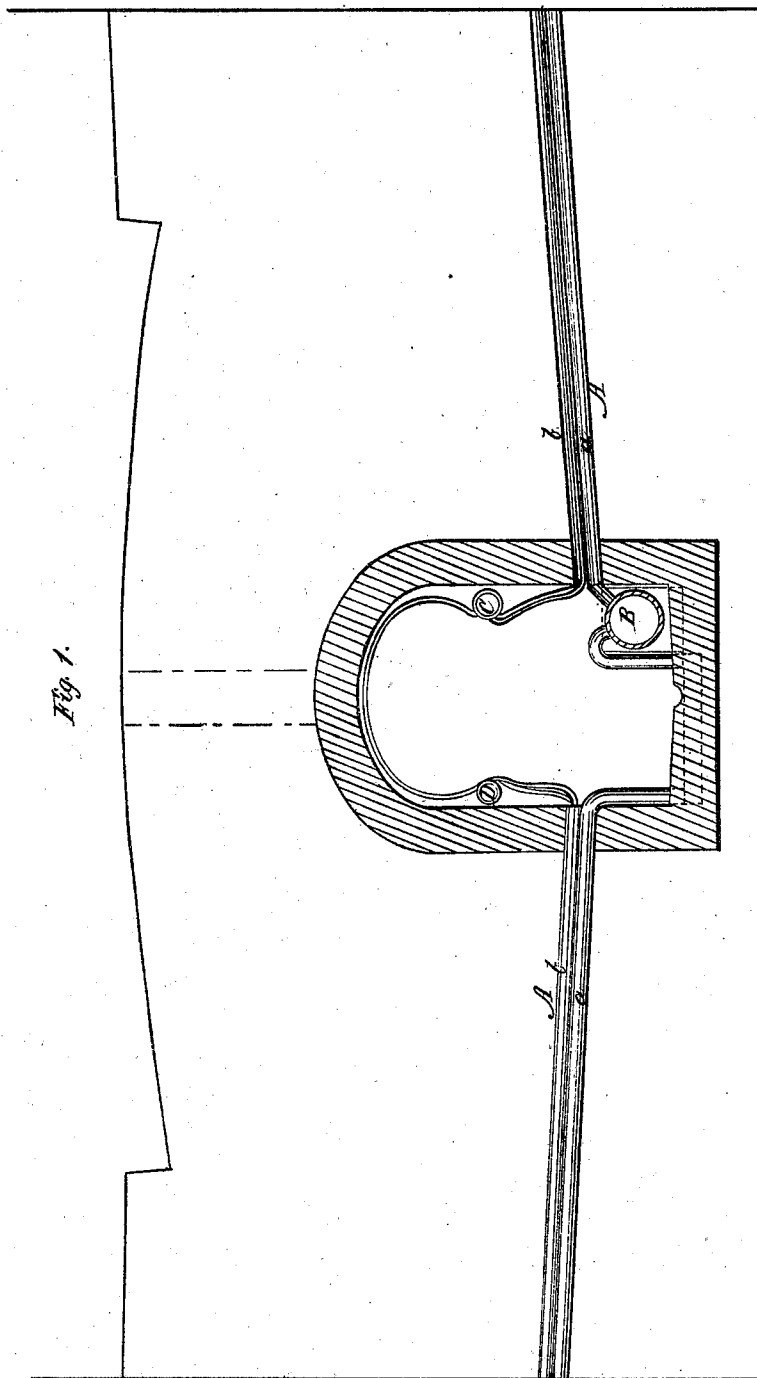
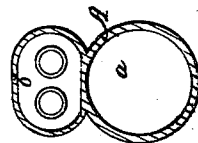


Fig. 2.



Witnesses
E. J. Kosterhuber
C. Wahlers

Inventor.
J. Silsby
By Wm. Sauter and Mandl
his attys

United States Patent Office.

JOHN SILSBY. OF NEW YORK, N. Y.

Letters Patent No. 97,448, dated November 30, 1863.

IMPROVEMENT IN EXTERIOR CASINGS FOR SEWER, GAS, AND WATER-PIPES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JOHN SILSBY, of the city, county, and State of New York, have invented a new and useful Improvement in House-Connections for Sewer, Gas, and Water-Pipes; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which drawing—

Figure 1 represents a longitudinal central section of this invention.

Figure 2 is a transverse section of the same.

Similar letters indicate corresponding parts.

This invention consists in the arrangement of an 8-shaped tube, one compartment of which forms the house-connection of the sewer-pipe, while the other compartment forms a case, for enclosing the house-connections for the gas and water-pipes, in such a manner that by laying down this 8-shaped tube, provision is made for the sewer-connection, and at the same time a channel is formed, through which the house-connections for gas and water-pipes, or either of them can be introduced at any time, without tearing open the street or sidewalk.

In the drawing—

The letter A designates an 8-shaped tube, which I use for the house-connection of the sewer, gas, and water-pipes, and which I intend to apply in connection with a tunnel, which encloses the main sewer-pipe B, and gas and water-mains C D, as indicated in fig. 1 of the drawing.

The lower compartment *a* of my 8-shaped tube A is intended to form the house-connection of the sewer-pipe, while the other compartment *b* forms a case, through which the service-pipes, or house-connections

of the gas and water-pipes can be passed, whenever it may be desired.

It is obvious that the form of my tube must not necessarily be that of the figure 8, since a tube with two compartments, of any form or shape, will produce the desired result. But I use, by preference, a tube, the transverse section of which is that shown in fig. 2 of the drawing, because a tube of this form is capable of sustaining a great external pressure, and it can also be easily made and handled; and furthermore, the upper compartment *b*, when formed as shown in fig. 2, affords convenient room for the gas and water-connections.

In laying down the 8-shaped tube, therefore, I produce the sewer-connection by the compartment *a*, and the compartment *b* forms a case, through which the house-connections for gas and water-pipes, or either of them can be introduced at any time, without tearing open the street or sidewalk.

A tube of this shape may also be used for the connection of lamp-posts and hydrants, or for telegraph-wires.

Having thus described my invention,

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

The arrangement of a tube, A, containing two compartments, one compartment to form the house-connection of the sewer-pipe, and the other compartment to form a case, to enclose the house-connections for the gas and water-pipes, substantially as shown and described.

JNO. SILSBY.

Witnesses:

W. HAUFF,
C. WAHLERS.