

(No Model.)

W. M. SUHR.
BOILER OR TUBE COVERING.

No. 340,740.

Patented Apr. 27, 1886.

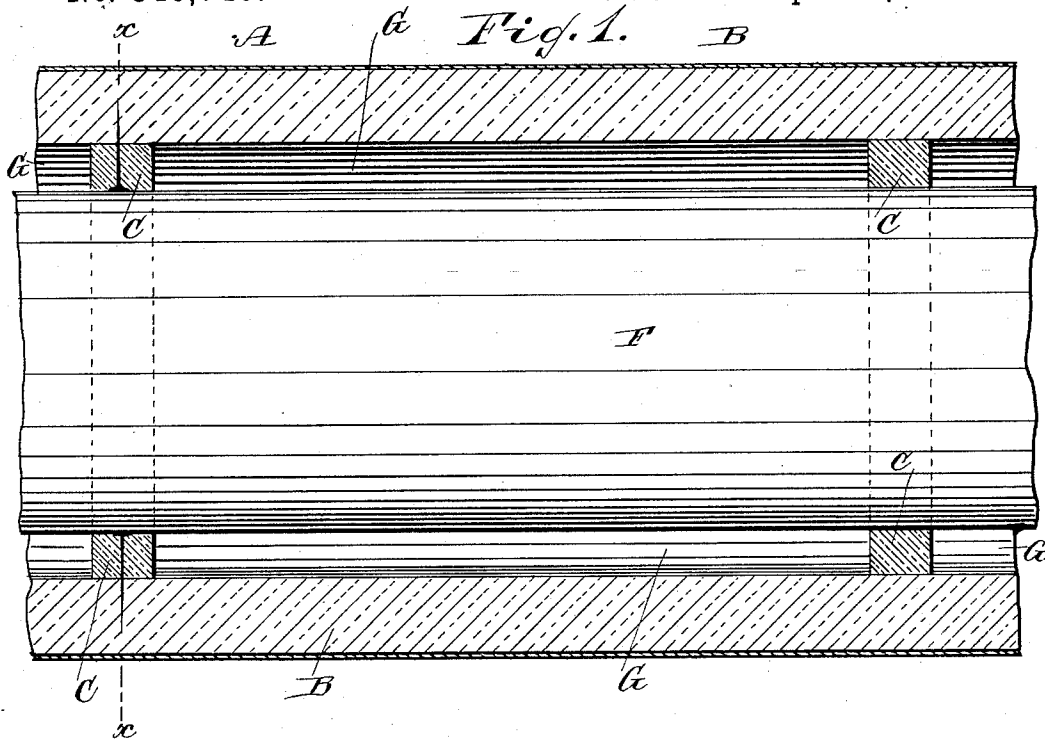
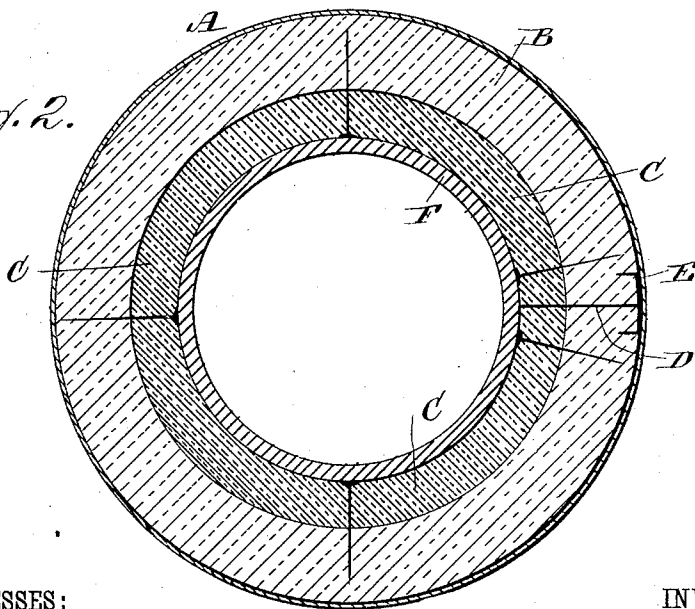


Fig. 2.



WITNESSES:

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BOILER OR TUBE COVERING.

SPECIFICATION forming part of Letters Patent No. 340,740, dated April 27, 1886.

Application filed February 19, 1886. Serial No. 192,531. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM M. SUHR, of the city, county, and State of New York, have invented a new and Improved Boiler and Tube
5 Covering, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved boiler or tube covering.

10 The invention consists of a covering provided with interior annular strips forming an air-space between the outside of the boiler or tube and the shell of the covering.

15 The invention also consists of various parts and details and combinations of the same, hereinafter more fully set forth, and pointed out in the claims.

20 Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a longitudinal section showing my improved covering applied to a pipe, and Fig. 2 is a cross-section of the same on the line
25 *x x* of Fig. 1.

25 The covering A consists of the shell B and the annular strips C, fastened at suitable intervals to the inside of the shell B in any convenient manner with glue, or by means of staples, nails, or any other device.

30 The shell B may be made of asbestos, felt, mineral wool, or of any other similar non-conducting material used for boiler and tube coverings, and the annular strips C are preferably made of asbestos; but corrugated annular
35 iron strips will also answer the purpose.

The covering A can be made in one tubular

piece and slipped over the tube to be covered; or it may be made in one tubular piece having a longitudinal slit, D, so as to bend the covering apart and place it over the boiler or shell, 40 and then, bringing the edges together, fasten said edges to each other by means of staples E or other device. The covering A can also be made in sections, which are fastened to each other by suitable devices.

40 The covering A is placed on the boiler or tube F, so that only the strips rest on the outside of the boiler or tube F, and thereby form the air-space G between the shell B of the covering A and the exterior of the tube or boiler F. 5

The space G may be filled in with mineral wool or similar non-conducting substance, if desired.

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

1. In a boiler or tube covering, a shell provided with solid annular strips, substantially
6 as shown and described.

2. In a boiler or tube covering, a shell provided with solid annular strips resting on the boiler or tube, covered and placed a suitable distance apart from each other, so as to form separate closed annular air-spaces between the
6 boiler or tube covered, the shell, and the strips, substantially as shown and described.

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Witnesses:

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