

J. BEATTIE.

PROTECTIVE COVERING FOR BLOW-OFF PIPES OF STEAM BOILERS AND THE LIKE.

APPLICATION FILED JUNE 17, 1908.

915,059.

Patented Mar. 9, 1909.

Fig. 1.

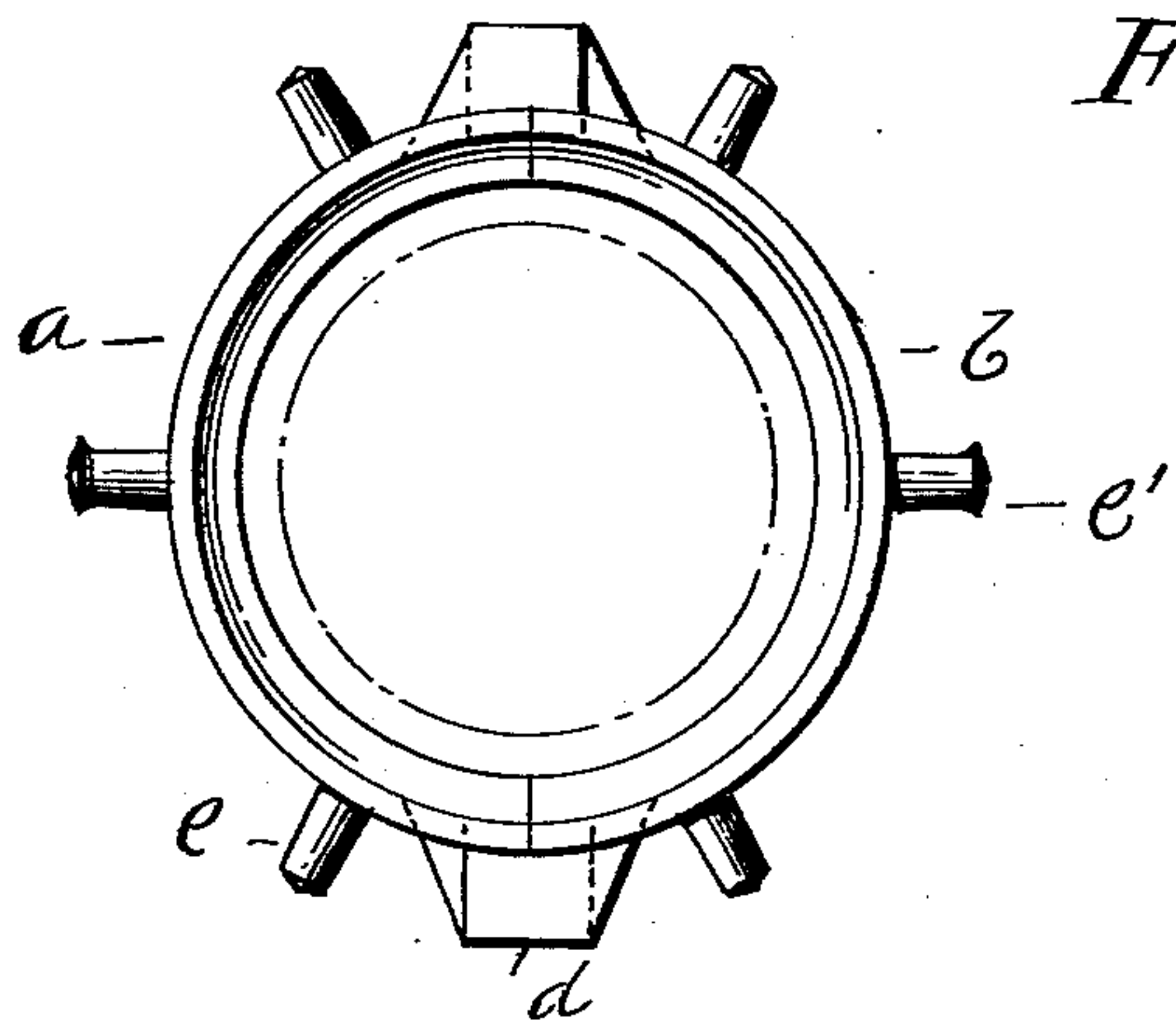
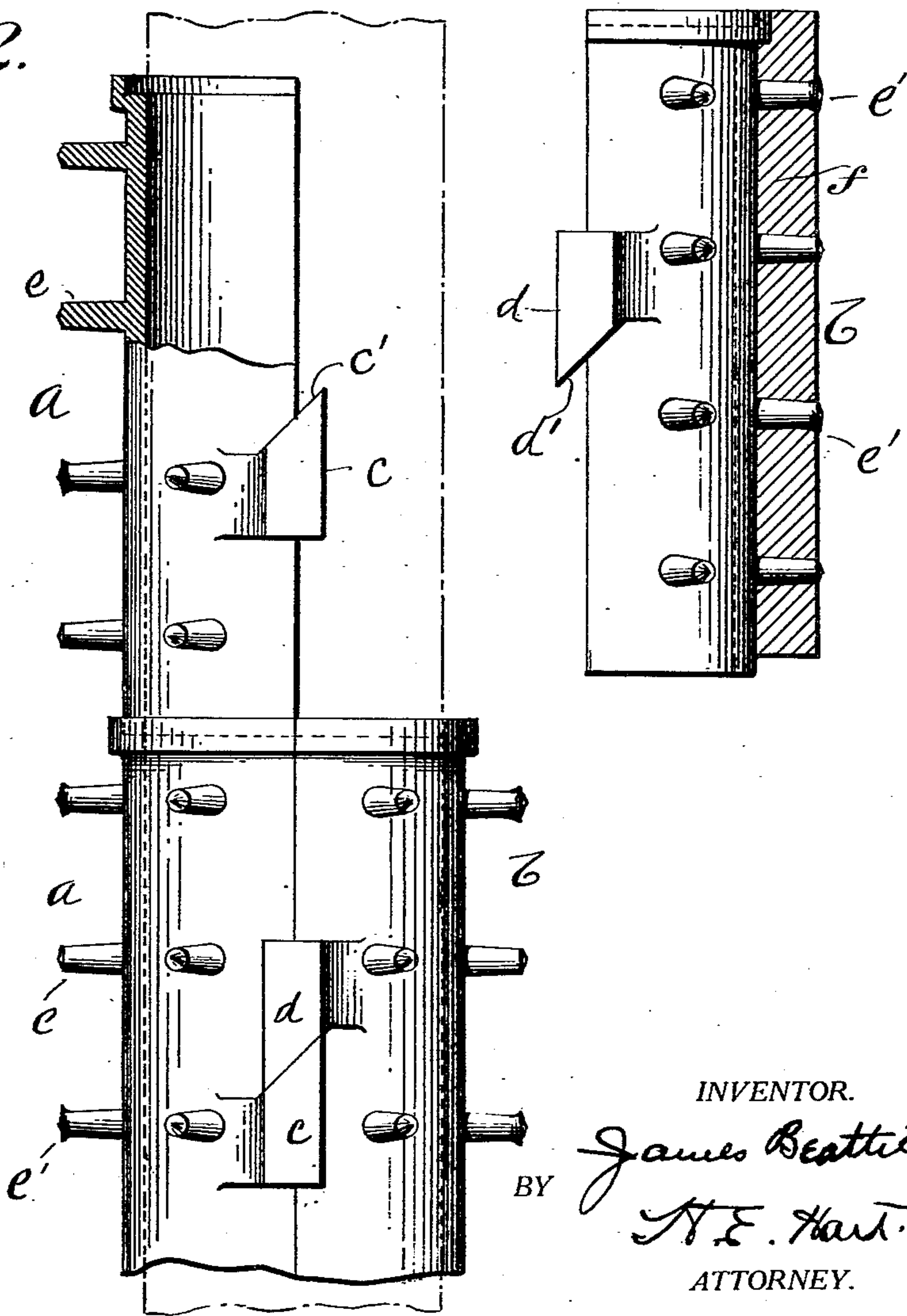


Fig. 2.



WITNESSES:

Wm. F. Thum
Attorney at Law

INVENTOR.

BY *James Beattie*
H. E. Hart
ATTORNEY.

UNITED STATES PATENT OFFICE.

JAMES BEATTIE, OF MIDDLETOWN, CONNECTICUT, ASSIGNOR OF ONE-HALF TO DENNIS O'BRIEN, OF MIDDLETOWN, CONNECTICUT.

PROTECTIVE COVERING FOR BLOW-OFF PIPES OF STEAM-BOILERS AND THE LIKE.

No. 915,059.

Specification of Letters Patent.

Patented March 9, 1909.

Application filed June 17, 1908. Serial No. 438,943.

To all whom it may concern:

Be it known that I, JAMES BEATTIE, a citizen of the United States, and a resident of Middletown, in the county of Middlesex and State of Connecticut, have invented certain new and useful Improvements in Protective Covers for Blow-Off Pipes of Steam-Boilers and the Like, of which the following is a specification.

10 The object of my invention is to provide a protective cover for the blow off pipes of steam boilers to protect them from the fire and so prevent them from being burned out. The device also might be used in other cases
15 where a protective cover of this character is desired and I do not wish to be understood as limiting my invention to any particular use.

20 In the drawings—Figure 1 is a plan view of my casing. Fig. 2 is a side view thereof.

The device illustrated in the drawings comprises a cylindrical or tubular casing of solid metal made up, as shown, in two parts, *a b*, having interlocking lugs *c d* at their abutting edges, said lugs having oppositely inclined engaging surfaces *c' d'* which tend to draw the sections securely together. Studs *e* project from the surface of the casing, some of them being enlarged at their ends, as indicated at *e'*, in order to hold in place the non-conducting compound *f* with which the casing is covered.

35 Casings embodying my invention can be applied to curved pipes and elbows as well as to straight pipes.

I claim:—

1. A protective casing for steam pipes and

the like made up of solid metallic longitudinal sections, interlocking lugs on the abutting edges of said sections, studs projecting from the surface of said casing, and a non-conducting compound surrounding said casing and said studs. 40

2. A protective casing for steam pipes and the like made up of solid metallic longitudinal sections, interlocking lugs on the abutting edges of said sections having oppositely inclined engaging faces, studs projecting from the surface of said casing, and a non-conducting compound surrounding said casing and said studs. 45 50

3. A protective casing for steam pipes and the like made up of solid metallic longitudinal sections, means for securing said sections together, studs projecting from the surface of said casing and having enlarged ends, and a non-conducting compound surrounding said casing and said studs. 55

4. A protective casing for steam pipes and the like tubular in form and made up of solid metallic longitudinal sections, interlocking lugs at the edge of each section overlying the abutting edge of the other section, said lugs having oppositely inclined engaging faces, studs projecting from the exterior surface of said casing, and a non-conducting compound surrounding said casing and said projections, substantially as described. 60 65

JAMES BEATTIE.

Witnesses:

DENIS O'BRIEN,

THOMAS W. O'KEEFE.