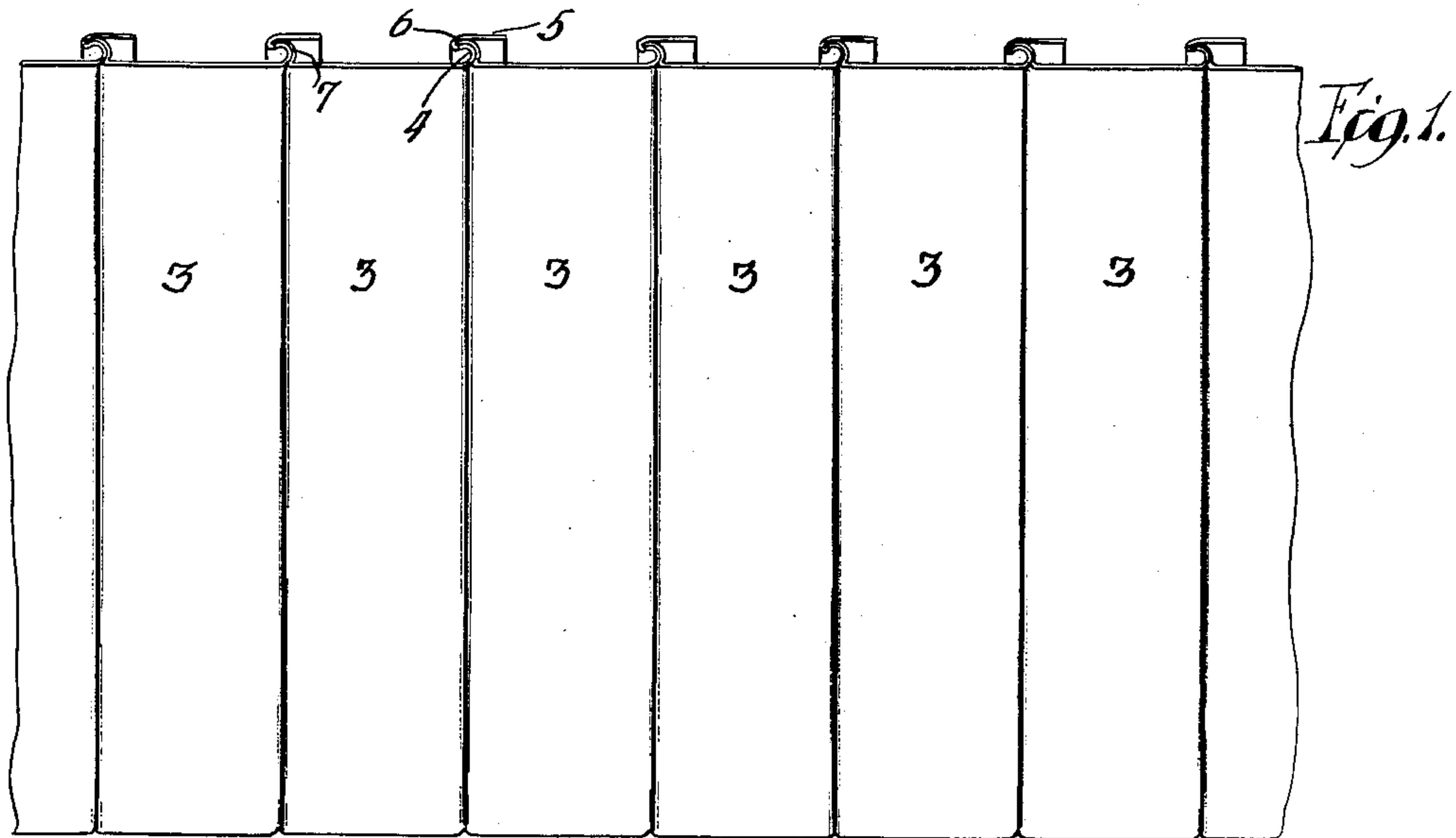


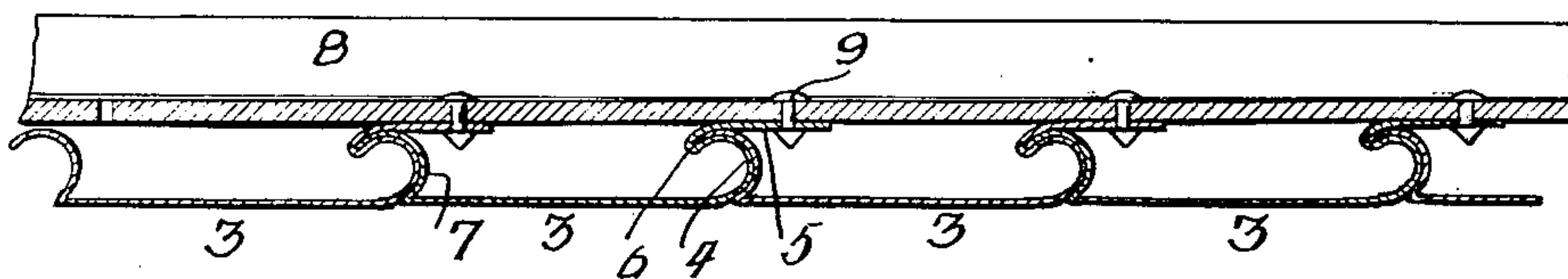
L. J. BERG.  
METALLIC SHEATHING.  
APPLICATION FILED JULY 6, 1909.

945,682.

Patented Jan. 4, 1910.



*Fig. 2.*



Witnesses:

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*Attys.*

# UNITED STATES PATENT OFFICE.

LARS J. BERG, OF CHICAGO, ILLINOIS, ASSIGNOR TO METALLIC SHEATHING COMPANY,  
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## METALLIC SHEATHING.

945,682.

Specification of Letters Patent.

Patented Jan. 4, 1910.

Application filed July 6, 1909. Serial No. 506,098.

*To all whom it may concern:*

Be it known that I, LARS J. BERG, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Metallic Sheathing, of which the following is a specification.

The sheathing of this invention is intended primarily for use in covering the side walls of railway passenger cars; and the object of the invention is to provide a sheathing which will closely resemble in appearance the wooden sheathing ordinarily used for a similar purpose, so that cars which are covered by the sheathing of the present invention will be indistinguishable in appearance from wooden sheathed cars and may be used indiscriminately in conjunction therewith.

The invention relates particularly to the formation of the sheathing, whereby an interlocking, substantially water-proof joint will be afforded and the sections of sheathing rigidly secured to the surface of the car wall.

Further objects will appear from a detailed description of the invention, which consists in the features of construction and combination of parts hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of a section of the sheathing of the present invention; and Fig. 2, a cross sectional view of the same.

The sheathing, as a whole, comprises a plurality of strips or sections, each having an outer face wall 3, which face wall at one side terminates in a convexly curved attaching edge wall 4, the terminal attaching flange 5 of which is reversely bent or turned to afford an interlocking groove or channel 6, which underlies the outer face wall of the sheathing section. The opposite side of the outer face wall terminates in a concave, interlocking edge 7, having a curvature complementary to the curvature of the attaching edge wall 4 and of such a length that when the sections are in register it will enter into the groove or channel 6. The attaching edge wall 4 should be curved on the arc of a circle of more than 180 degrees, so that when the flange 5 is housed within the

groove or channel 6, it will be impossible to disengage the sections from one another, save only by swinging back the unattached section away from the backing 8 until the edge of the interlocking edge 7 has been released from the groove or channel, after which the sections can be disengaged.

The sheathing is secured to the backing by attaching means 9, which may be in the form of bolts, rivets, nails, screws, or other means, and which serve to secure one edge of each of the sections to the backing. In applying the sections, after the first section has been secured, the next adjacent section will be interlocked therewith by bringing the complementary curved edges into register, and thereafter swinging the unattached section back against the backing while maintaining the interlocking edge walls in register. This causes the edge of the wall 7 to ride into the groove or channel so that when the unattached section has been brought flush against the backing, disengagement will be impossible. Thereafter, the attaching flange of such section will be secured to the backing and the interlock will be maintained. The interlock is in such form as to prevent the ingress of dirt or moisture and the two parts are so tightly held in engagement that there will be no rattling or vibration of the sections when the parts are properly fitted together.

I claim:

1. A metallic sheathing comprising a plurality of sections, each having an outer face wall, provided at one side with an edge wall terminating in an attaching flange, a circularly curved groove or channel being formed at the point of connection between the edge wall and the flange, and the section having on its opposite side a circularly curved interlocking edge wall in form to permit its edge to be inserted into the circularly curved groove or channel of the next adjacent section, and attaching means entered through the attaching flanges of the sections, substantially as described.

2. A metallic sheathing comprising a plurality of sections, each having an outer face wall, provided at one side with a convexly curved edge wall of more than 180 degrees and terminating in an attaching flange, a



groove or channel being afforded intermedi-  
ate the edge wall and the flange, each sec-  
tion having at its opposite side a concave in-  
terlocking edge wall adapted to register with  
5 the convex wall of the next adjacent section  
and adapted, when the sections are in regis-  
ter, to have its edge entered into the channel

and lock it therein, and attaching means en-  
tered through the attaching flange of each  
of the sections, substantially as described.

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Witnesses:

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