

No. 755,684.

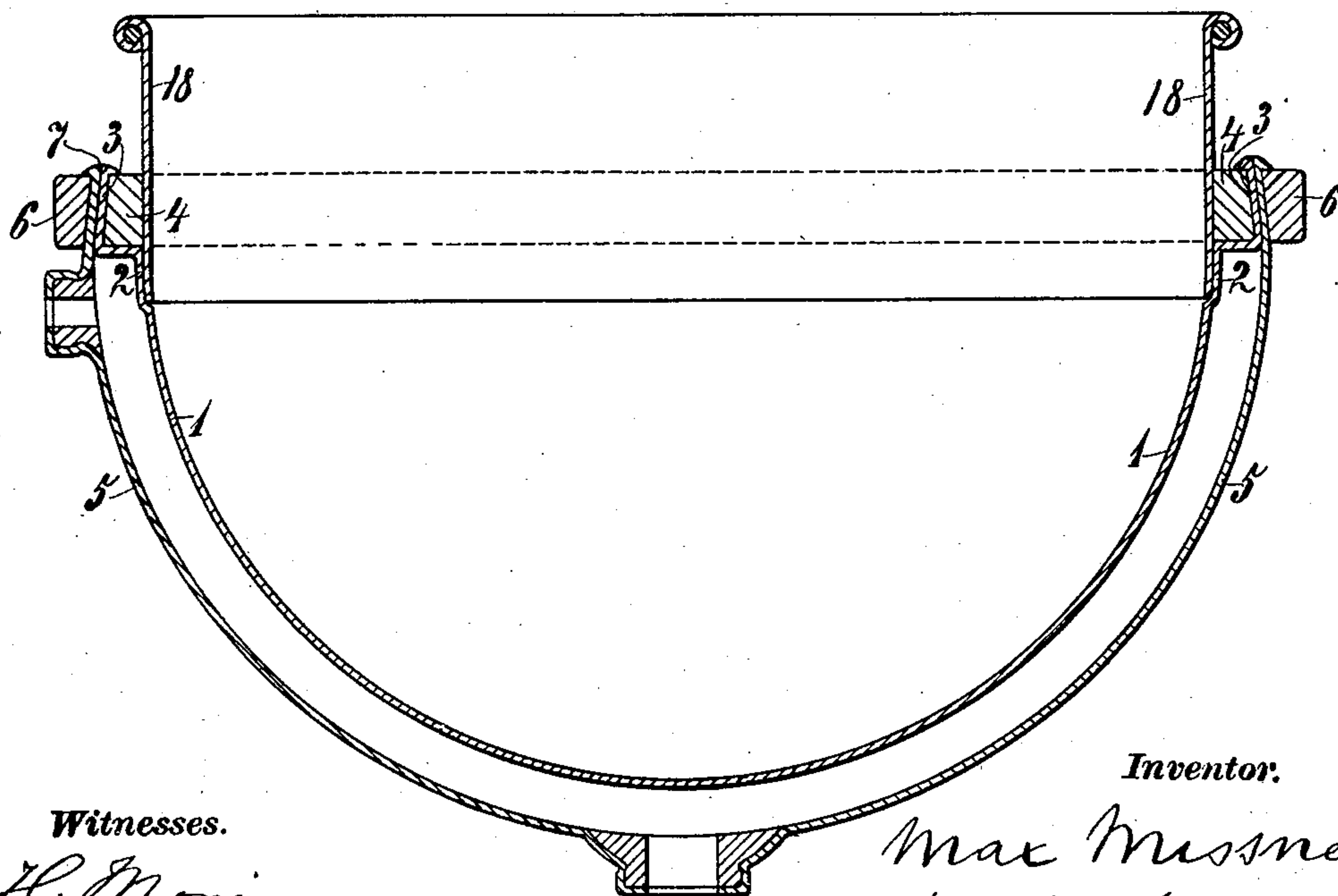
PATENTED MAR. 29, 1904.

M. MISSNER.

FASTENING THE JACKETS OF DOUBLE WALLED VESSELS.

APPLICATION FILED DEC. 19, 1902.

NO MODEL.



Witnesses.

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UNITED STATES PATENT OFFICE.

MAX MISSNER, OF CHEMNITZ, GERMANY.

FASTENING THE JACKETS OF DOUBLE-WALLED VESSELS.

SPECIFICATION forming part of Letters Patent No. 755,684, dated March 29, 1904.

Application filed December 19, 1902. Serial No. 135,903. (No model.)

To all whom it may concern:

Be it known that I, MAX MISSNER, a subject of the German Emperor, and a resident of Chemnitz, in the Kingdom of Saxony and Empire of Germany, have invented certain new and useful Improvements in Fastening the Jackets of Double-Walled Vessels, of which the following is a specification.

This invention relates to jacket-joints for double-walled vessels, and provides means for securely fastening the outer wall to the inner wall or vessel proper. It is particularly adapted for securing an outer wall to a vessel which consists of several parts—for example, a lower part and an upper rim connected therewith. The edge of the lower part of the vessel to which the jacket is to be secured is formed in an annular outwardly-extending flange with an upwardly-projecting rim or border. The joint is then formed by forcing the edge of the outer jacket over the upwardly-extending border and pressing the same thereon by means of an inwardly-beveled ring, said border being supported by means of an interior beveled ring, whereby the wall of the outer jacket, which rests flat against the wall of the border, is pressed thereagainst by means of said border and outer jacket may be upset or bent to finish the joint.

The accompanying drawing shows an embodiment of this invention.

The vessel to be provided with the jacket here consists of a lower part 1, to which at the top 2 the rim 18 is secured, and the edge of vessel 1 is hammered out or formed as the bottom and outer side of a trough or border 3 before the rim 18 is secured and is then bent round ring 4. The outer jacket 5, pushed over part 3, is pressed against the latter and ring 4 by the ring 6. Here also a finished appearance may be given to the joint, as above mentioned, by jumping or upsetting the projecting ends of the parts 3 and 5 over the rings 4

and 6, as shown on left-hand side of the figure 45 at 7.

Having now fully described my invention, I declare that what I claim is—

1. In a jacket-joint for double-walled vessels, the combination of an inner vessel formed in two parts, having the upper edge of its bottom part hammered out to form an annular flange and upwardly-extending border, a ring having a slightly-beveled outer circumference, and having its inner circumference pressing against the upper portion of the inner vessel, said border being bent to engage with the outer circumference of said ring, a second ring provided with a suitably-beveled inner circumference, an outer vessel supported between said second ring and said border, said ring pressing the outer vessel against the border, whereby said outer vessel and border are pressed together between said rings.

2. In a jacket for double-walled vessels, the combination of an inner vessel comprising top and bottom portions, the upper edge of the bottom portion being hammered out to form an annular flange and upwardly-extending border, a ring having a beveled outer circumference and having its inner circumference pressed against the top part of the inner vessel, said border being bent to engage the outer beveled face of said ring, a second ring preferably provided with a beveled inner circumference, an outer vessel having its upper edge pressed between said border and second-named ring, the projecting edges of the outer vessel and of the border being upset over the said two rings, substantially as, and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

MAX MISSNER.

Witnesses:

MORRIS LIPMAN,
FREDERICK J. SIETZMAN.