

No. 795,716.

PATENTED JULY 25, 1905.

W. A. MOFFAT.
PROTECTING JACKET FOR STORAGE VESSELS.
APPLICATION FILED JULY 5, 1904.

Fig 1.

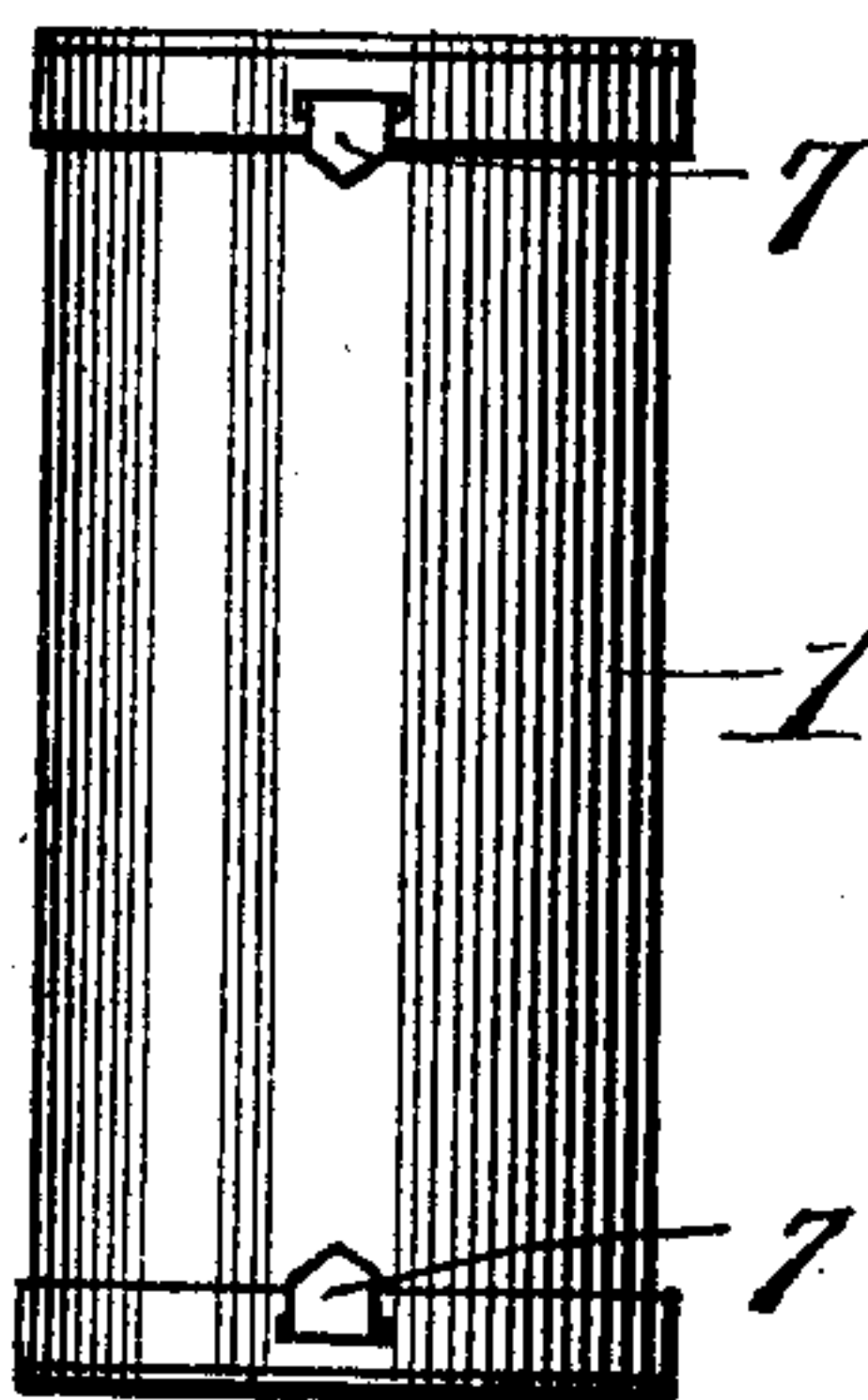


Fig 2.

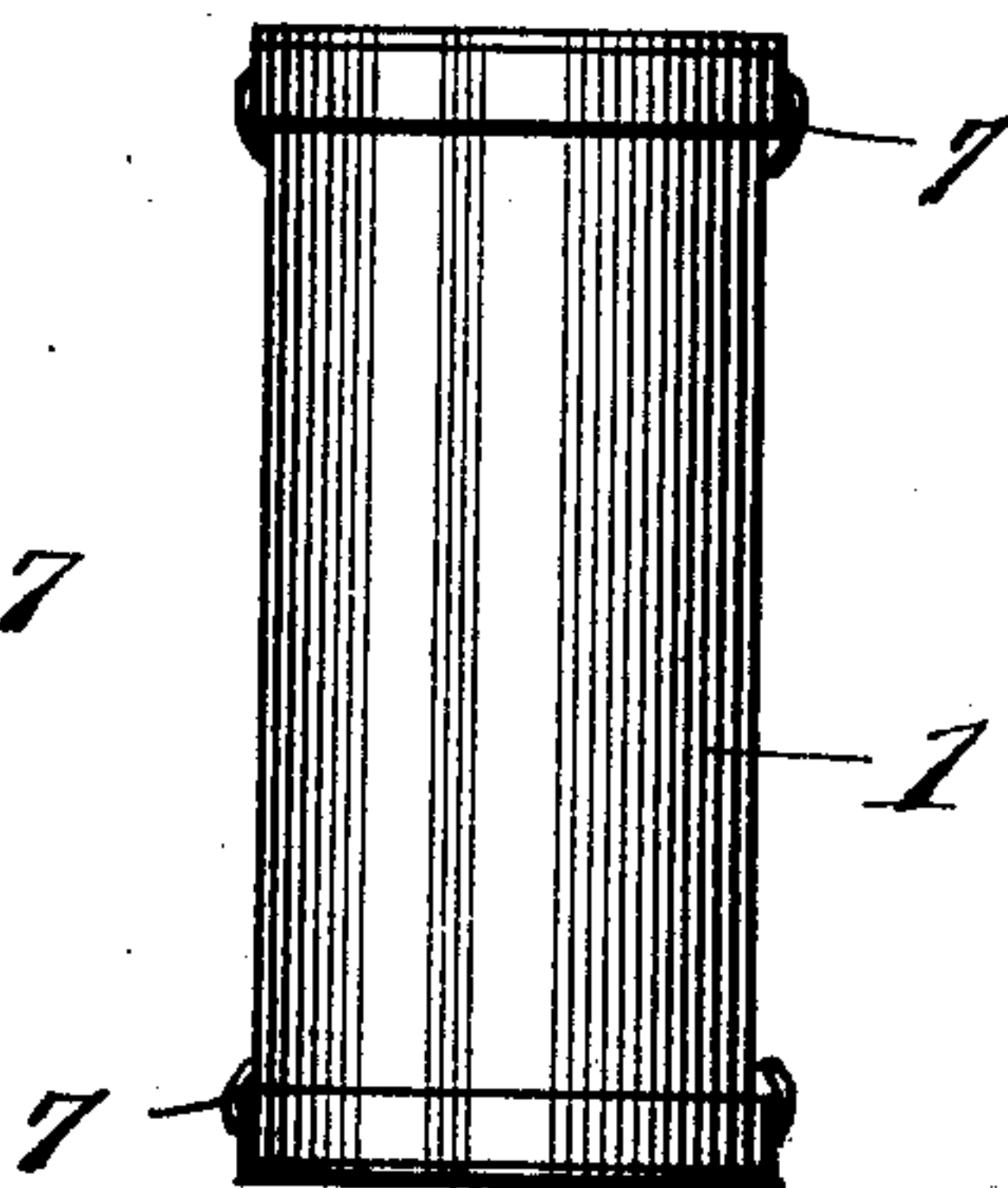


Fig 8.



Fig 3.

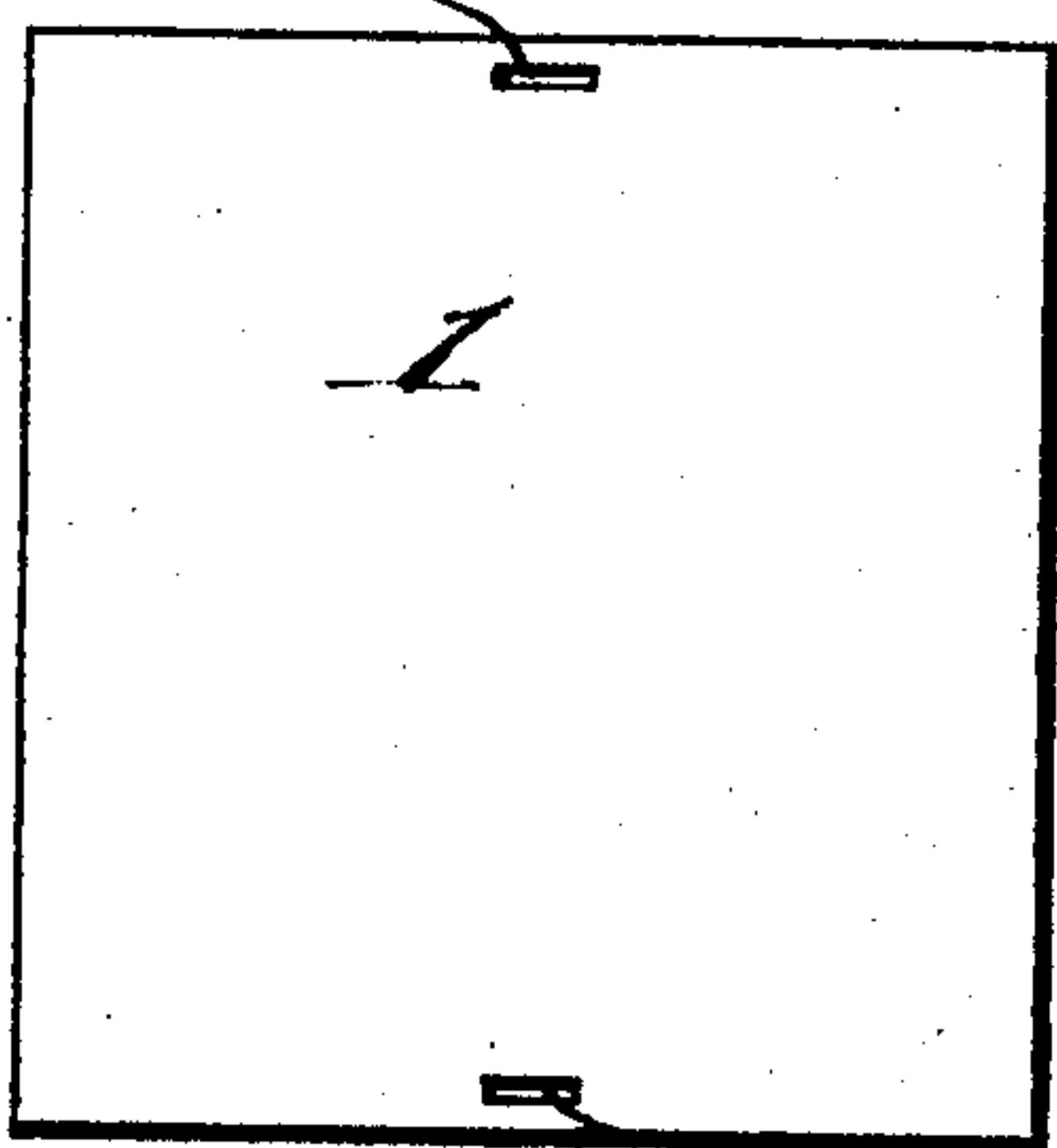


Fig 9.



Fig 4.

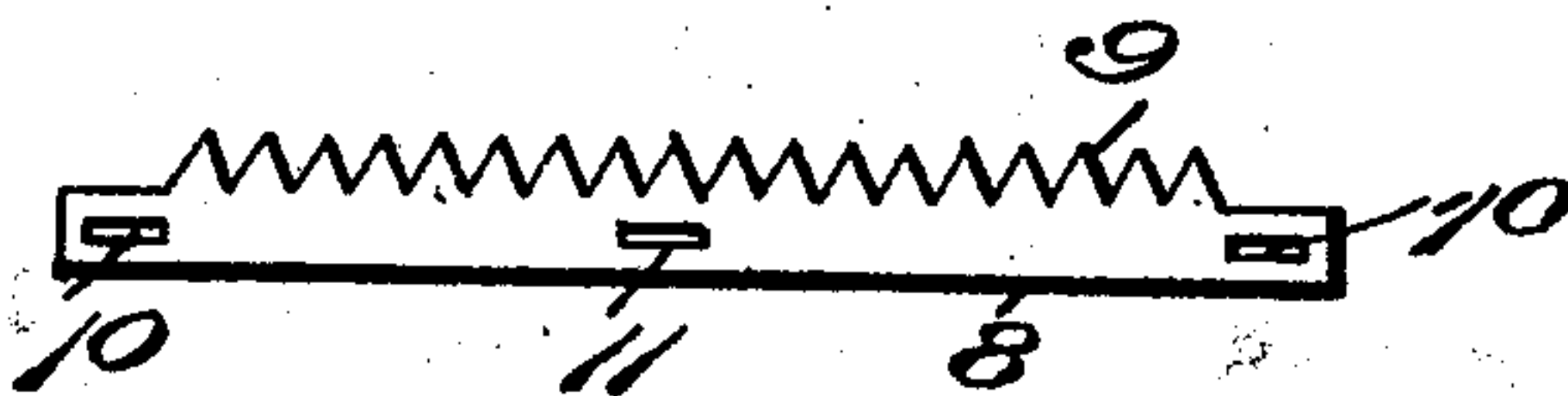


Fig 5.

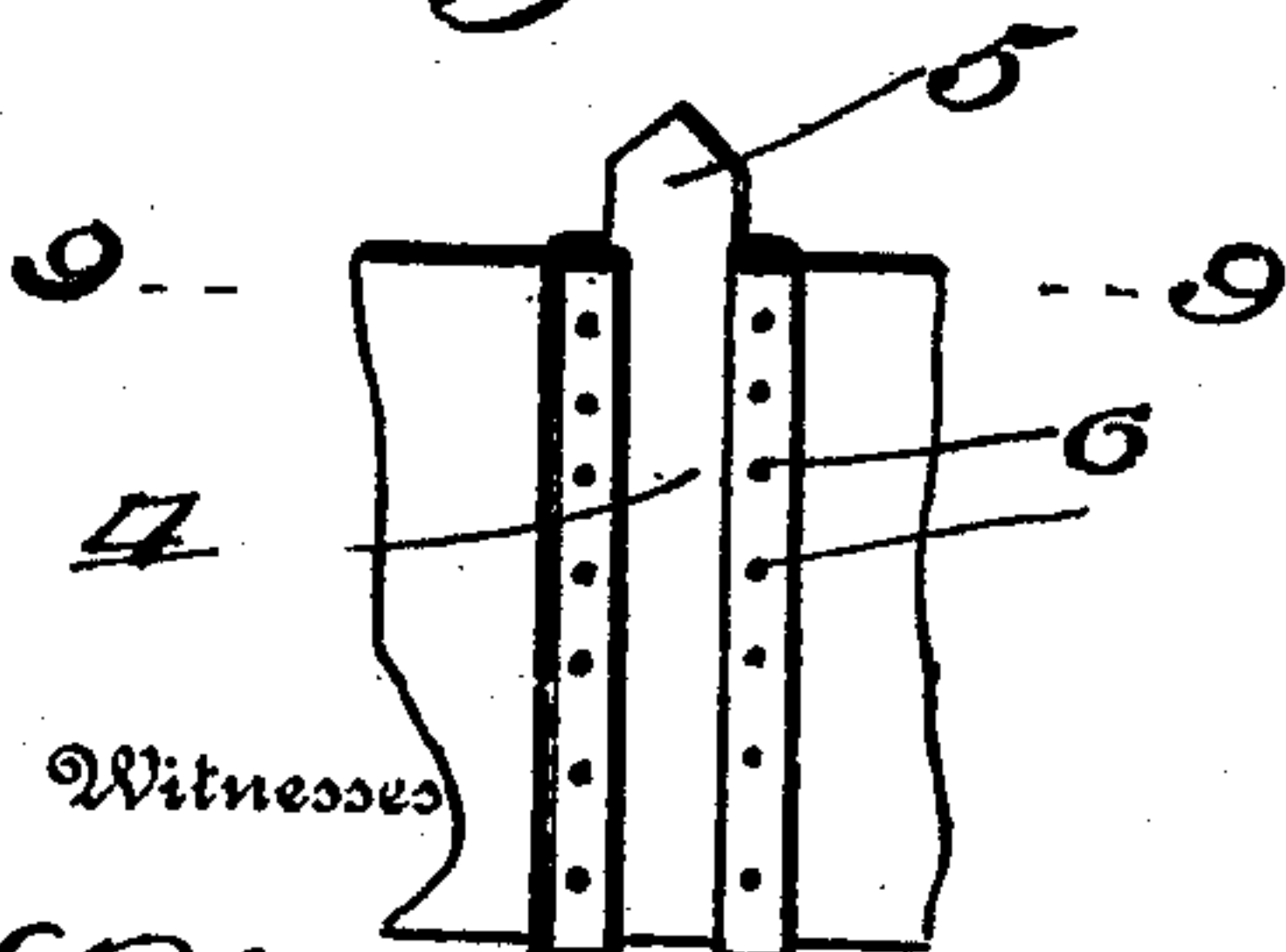


Fig 6.

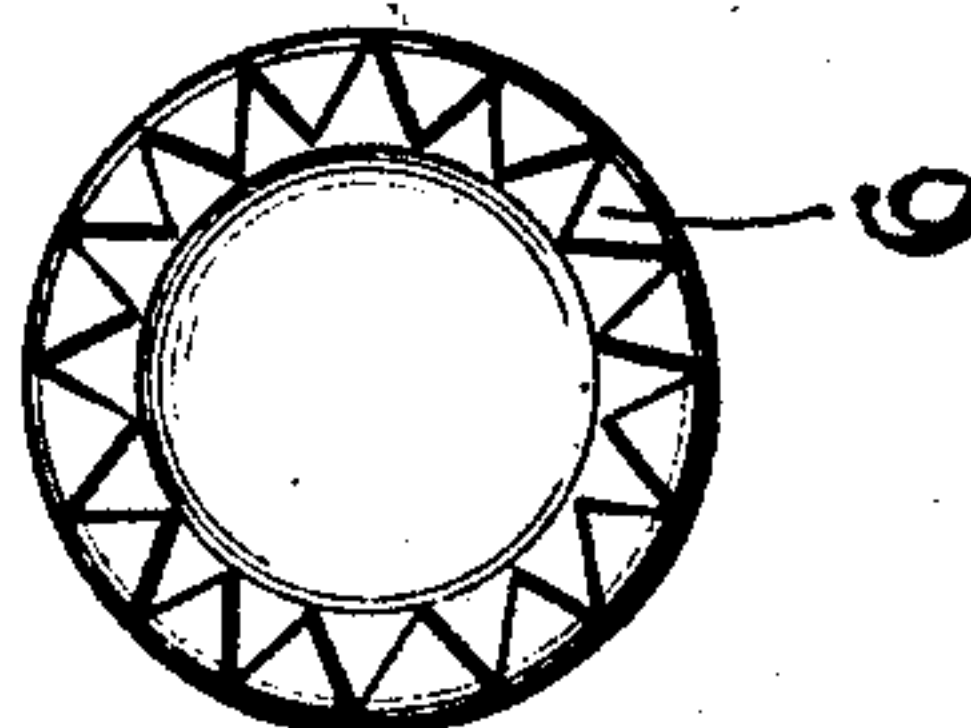
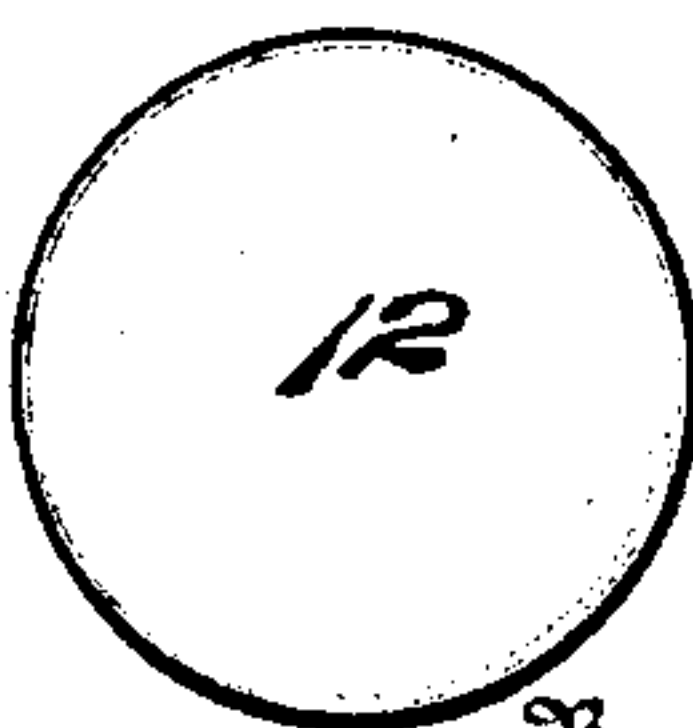


Fig 7.



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UNITED STATES PATENT OFFICE.

WALTER ANDREW MOFFAT, OF DENVER, COLORADO.

PROTECTING-JACKET FOR STORAGE VESSELS.

No. 795,716.

Specification of Letters Patent.

Patented July 25, 1905.

Application filed July 5, 1904. Serial No. 215,362.

To all whom it may concern:

Be it known that I, WALTER ANDREW MOFFAT, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented new and useful Improvements in Protecting-Jackets for Storage Vessels, of which the following is a specification.

My invention relates to new and useful improvements in jackets for metallic storage vessels; and its object is to provide a jacket which can be readily secured upon a vessel and fit snugly thereon.

A further object is to provide detachable heads for the jacket, which can be easily placed in or removed from position, said heads and the body of the jacket being formed of absorbent material, whereby leakage of liquid contents of the vessel is prevented, owing to the expansion of the jacket upon absorbing such liquid.

With the above and other objects in view the invention consists of a body formed of strawboard or other suitable absorbent material and which is produced from a strip the edges of which are held together by a holding device of novel form and from which extend prongs. The prongs are adapted to engage metallic bands which encircle the ends of the body and have teeth which may be bent over disks. These disks form the heads of the jacket and are securely retained in place when the teeth are bent thereover.

The invention also consists in the further novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is a side elevation of my improved jacket for receptacles. Fig. 2 is a side elevation thereof. Fig. 3 is a detail view of the blank from which the body of the jacket is formed. Fig. 4 is a similar view of one of the bands. Fig. 5 is an enlarged elevation of a portion of the body, showing a portion of the connecting-strip and one of its prongs. Fig. 6 is a top plan view of the jacket. Fig. 7 is a plan view of one of the heads detached. Fig. 8 is a detail view of one of the securing-prongs; and Fig. 9 is an enlarged section on line 9 9, Fig. 5.

Referring to the figures by numerals of reference, 1 is the body of the jacket, which may be cylindrical or of any other form, so as to enable it to fit snugly about the vessel to be

placed therein. This body is formed of a single strip of strawboard or other suitable absorbent material having centrally - arranged slots 2 adjacent its ends and at points preferably equidistant from the side edges thereof. These side edges are secured together between folds 3, formed along opposite edges of a metallic connecting - strip 4, which is equal in length to the strip 1 and has prongs 5, formed integral therewith at its ends. Rivets 6 or other suitable securing devices are employed for fastening the edges of strip 1 within the folds 3. A hooked metallic prong 7 is then placed in each slot 2 and clamped upon the adjoining faces of strip 1. It will thus be seen that the body is provided with two prongs at each end, one of said prongs being integral with the strip 4, while the other is diametrically opposite it. These prongs are for the purpose of securing to the body a securing member or metallic band 8, having teeth 9, extending from one edge. This band has slots 10 at the ends thereof and a slot 11 at its center. The slots 10 are adapted to register and to receive one of the prongs 5, while the slot 11 receives the prong 7. Said prongs are then bent toward the center of the body, and the band 8 is therefore securely fastened in place. One of these bands is located at each end of the body, and the teeth of each band are adapted to extend over and to hold in position a disk 12. One of said disks is applied to the top, while the other is applied to the bottom, of the receptacle, and said disks are constructed from the same material as that from which the jacket is constructed. These disks are equal in diameter to the internal diameter of the bands 8. A jacket of this construction can be quickly placed in position upon a metal receptacle, and if it fits snugly thereon and is formed of absorbent material it will prevent leakage of the liquid contents of the receptacle, because the jacket will expand at that point where the leak occurs and will therefore automatically close the opening in the receptacle. This form of jacket is particularly adapted for use upon cans holding syrup or other viscous liquids.

In the foregoing description I have shown the preferred form of my invention; but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing any of the advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of my invention.

Having thus fully described the invention, what is claimed as new is—

A protecting-jacket for vessels comprising a body portion adapted to be folded into tubular form and provided with apertures, end members, a connecting-strip applied between and inclosing the meeting edges of the body portion, prongs carried by the connecting member, and retaining-bands engaged by said

prongs and having teeth adapted to fold over and secure the end members in position.

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

WALTER ANDREW MOFFAT.

Witnesses:

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